Pruebas unitarias

ID del caso de prueba	Persona Responsable	Clase	Metodo	Pasos de la prueba	Datos de entrada	Valor de salida esperado	Valor de salida obtenido	Errores encontrados	Errores Corregidos	Comentarios	Estado	Metrica
Se va identificar cada caso de prueba izado con id únicos.	Este campo, indica la persona que está encargada de diseñar y hacer la prueba.	indica la clase que se está probando.	indica el metodo que se está probando.	Indicar los pasos que izo la persona para completar la prueba.	Los datos utilizados para probar el método del sistema.	Este valor es el deseado al final de la prueba.	Este valor es el al final de la prueba.	Indica cuántos errores se han encontrado en el código.	Si se encontraron errores, en este campo si indica si se corrigió, en dado caso se caia su estado de fallo a aprobado	Si la persona responsable tiene una sugerencia para corregir el código, deberá usar este campo	Para las pruebas, se usarán varias convenciones para definir este campo: Aprobado: No se encontraron errores. Fallo: Hay errores en el funcionamiento del código. Pendiente: No se ha izado la prueba.	Este campo indica la cantidad de errores, y le da un valor: Más de tres errores: Pésima calidad. Entre 1-3 errores: mala calidad. 0: excelente calidad.
PU-001	David Alonso Villamizar	SceneSoftObject	UpdateMesh	Se implementó una prueba unitaria y se ejecutó con CTest	"ruta/a/Cubo.vtk"	Un SceneRigidObject con un vtkActor que tiene los vertices que aparecen en vertices.tsv	Un SceneRigidObject con un vtkActor que tiene los vertices que aparecen en vertices.tsv	0	-	-	Aprobado	Excelente calidad
PU-002	Stephanie Dominguez	ModelLoader	Load	Se implementó una prueba unitaria y se ejecutó con CTest	"ruta/a/example.vtp"	Un SceneRigidObject con un vtkActor asignado con los vertices que aparecen en el archivo de entrada	Un SceneRigidObject con un vtkActor asignado con los vertices que aparecen en el archivo de entrada	0	-	-	Aprobado	Excelente calidad
PU-003	Stephanie Dominguez	ModelLoader	LoadTXT	Se implementó una prueba unitaria y se ejecutó con CTest	"ruta/a/example.vtp"	Un SceneRigidObject con un vtkActor asignado con los vertices que aparecen en el archivo de entrada	Un SceneRigidObject con un vtkActor asignado con los vertices que aparecen en el archivo de entrada	0	-	-	Aprobado	Excelente calidad
PU-004	Stephanie Dominguez	ModelLoader	LoadXML	Se implementó una prueba unitaria y se ejecutó con CTest	"ruta/a/example.vtp"	Un SceneRigidObject con un vtkActor asignado con los vertices que aparecen en el archivo de entrada	Un SceneRigidObject con un vtkActor asignado con los vertices que aparecen en el archivo de entrada	0	-	-	Aprobado	Excelente calidad
PU-005	Stephanie Dominguez	ModelLoader	LoadSoft	Se implementó una prueba unitaria y se ejecutó con CTest	"ruta/a/cilindro.vtk"	Un SceneSoftObject con vtkActor asignado con los vetices que aprecen en el archivo de entrada	Un SceneSoftObject con vtkActor asignado con los vetices que aprecen en el archivo de entrada	0	-	-	Aprobado	Excelente calidad
PU-006	Stephanie Dominguez	ModelLoader	LoadXMLSoft	Se implementó una prueba unitaria y se ejecutó con CTest	"ruta/a/cilindro.vtk"	Un SceneSoftObject con vtkActor asignado con los vetices que aprecen en el archivo de entrada	Un SceneSoftObject con vtkActor asignado con los vetices que aprecen en el archivo de entrada	0	-	-	Aprobado	Excelente calidad
PU-007	Stephanie Dominguez	ModelLoader	LoadTXTSoft	Se implementó una prueba unitaria y se ejecutó con CTest	"ruta/a/cilindro.vtk"	Un SceneSoftObject con vtkActor asignado con los vetices que aprecen en el archivo de entrada	Un SceneSoftObject con vtkActor asignado con los vetices que aprecen en el archivo de entrada	0	-	-	Aprobado	Excelente calidad
PU-008	Jose Antonio Quintero	Scene	Init	Se implementó una prueba unitaria y se ejecutó con CTest	"ruta/a/cilindroo.vtk"	Llamado de los métodos InitPhysics e InitGraphics	Llamado de los métodos InitPhysics e InitGraphics	0	-	-	Aprobado	Excelente calidad
PU-009	Jose Antonio Quintero	Scene	InitPhysics	Se implementó una prueba unitaria y se ejecutó con CTest	"ruta/a/cilindroo.vtk"	Inicialización del mundo dinámico y la información del mundo	Inicialización del mundo dinámico y la información del mundo	0	-	-	Aprobado	Excelente calidad
PU-010	Jose Antonio Quintero	Scene	InitGraphics	Se implementó una prueba unitaria y se ejecutó con CTest	"ruta/a/cilindroo.vtk"	Inicialización de la cámara, el estilo de interacción, la ventana de renderización y su interactuador.	Inicialización de la cámara, el estilo de interacción, la ventana de renderización y su interactuador.	0	-	-	Aprobado	Excelente calidad
PU-011	Jose Antonio Quintero	Scene	Update	Se implementó una prueba unitaria y se ejecutó con CTest	"ruta/a/cilindroo.vtk"	Llamado del método UpdatePhysics y Actualizar vista.	Llamado del método UpdatePhysics y Actualizar vista.	0	-	-	Aprobado	Excelente calidad
PU-012	Jose Antonio Quintero	Scene	UpdatePhysics	Se implementó una prueba unitaria y se ejecutó con CTest	"ruta/a/cilindroo.vtk"	Llamado del método stepSimulation, UpdatePhysics de SoftObject y de RigidObject; y UpdateMesh de SoftBody.	Llamado del método stepSimulation, UpdatePhysics de SoftObject y de RigidObject; y UpdateMesh de SoftBody.	0	-	-	Aprobado	Excelente calidad
PU-013	Jose Antonio Quintero	Scene	AddSoftObject	Se implementó una prueba unitaria y se ejecutó con CTest	"ruta/a/cilindroo.vtk"	Caia el tamaño de la colección de SoftBody, llama el método addSoftBody y llama el método AddActor.	Caia el tamaño de la colección de SoftBody, llama el método addSoftBody y llama el método AddActor.	0	-	-	Aprobado	Excelente calidad
PU-014	Stephanie Dominguez	SceneRigidObject	UpdateRigidBody	Se implementó una prueba unitaria y se ejecutó con CTest	"ruta/a/cilindroo.vtk"	Se debe inicializar rigidBody	Se debe inicializar un VtkActor	0	-	-	Aprobado	Excelente calidad
PU-015	Jose Antonio Quintero	Scene	SetBackgroundColor	Se implementó una prueba unitaria y se ejecutó con CTest	"ruta/a/cilindroo.vtk"	Llamado de la funición SetBackground.	Llamado de la funición SetBackground.	0	-	-	Aprobado	Excelente calidad
PU-016	Jose Antonio Quintero	Scene	AddRigidObject	Se implementó una prueba unitaria y se ejecutó con CTest	"ruta/a/cilindroo.vtk"	Caia el tamaño de la colección de RigidBody, llama el método addSoftBody y llama el método AddActor.	Caia el tamaño de la colección de RigidBody, llama el método addSoftBody y llama el método AddActor.	0	-	-	Aprobado	Excelente calidad
PU-018	Stephanie Dominguez	SceneRigidObject	SceneRigidObject	Se implementó una prueba unitaria y se ejecutó con CTest	"ruta/a/cilindroo.vtk"	Se debe asociar con exito un actor, un colisionador y el cuerpo rigido	Se debe asociar con exito un actor, un colisionador y el cuerpo rigido.	0	-	-	Aprobado	Excelente calidad
PU-019	Stephanie Dominguez	SceneRigidObject	UpdateRigidBody	Se implementó una prueba unitaria y se ejecutó con CTest	"ruta/a/cilindroo.vtk"	Se debe calcular un colisionar, con la mas y la inercia, despues se debe asociar con un motion state, y con estos nuevos parametros se asocia de nuevo el cuerpo rigido	Se debe calcular un colisionar, con la mas y la inercia, despues se debe asociar con un motion state, y con estos nuevos parametros se asocia de nuevo el cuerpo rigido	0	-	-	Aprobado	Excelente calidad
PU-020	Stephanie Dominguez	SceneRigidObject	UpdatePhysics	Se implementó una prueba unitaria y se ejecutó con CTest	"ruta/a/cilindroo.vtk"	Dado una cuerpo rigido, y un tiempo se debe modificar el mundo del cuerpo del objeto rigido	Dado una cuerpo rigido, y un tiempo se debe modificar el mundo del cuerpo del objeto rigido	0	0	-	Aprobado	Excelente calidad
PU-021	Jose Antonio Quintero	SceneSoftObject	UpdateMesh	Se implementó una prueba unitaria y se ejecutó con CTest	"ruta/a/cilindroRadio.vtk"	Se debe asignar a mapper el mapeador del actor del objeto suave, dataSet como el Input de mapper, polyData como el resultado de SafeDownCast de vtkPolyData del input como dataSet del mapper, llamar el constructor de newpts, recorrer la colección m_nodes, creando un btVector3 con los datos de cada dato de m_nodes e insertarlo en newpts, notificar que newpts ha sido modificado e insertar en polyData los puntos en newpts	Se debe asignar a mapper el mapeador del actor del objeto suave, dataSet como el Input de mapper, polyData como el resultado de SafeDownCast de vtkPolyData del input como dataSet del mapper, llamar el constructor de newpts, recorrer la colección m_nodes, creando un btVector3 con los datos de cada dato de m_nodes e insertarlo en newpts, notificar que newpts ha sido modificado e insertar en polyData los puntos en newpts	0	-	-	Aprobado	Excelente calidad
PU-022	Jose Antonio Quintero	SceneSoftObject	InitSoftBody	Se implementó una prueba unitaria y se ejecutó con CTest	"ruta/a/cilindroRadio.vtk"	Se debe asignar a polyData el resultado de SafeDownCast de vtkPolyData del input como dataSet del mapper del actor, a polys el GetPolys de polyData, llamar el método de polys initTraversal, crear idList y llamar su constructor, asignar a numVerts el número de puntos de polyData, se crea una matriz de btScalar verts del numero de vertices x 3, asignar a numTris el número de celdas del polyData, se crea una matriz de enteros ris del numero de celdas x 3, llamar el constructor de newpts, asignar a oldpts los puntos de polyData, recorrer los puntos y en cada iteración: crear un arreglo de 3 dobles y se actualiza con GetPoint de oldpts, se crea un btVector3 pt y se inicializa con los valores del arreglo, se multiplica por la transformación por parámetro, se asigna el arreglo con los valores del btVector3 y este se inserta en newpts, se asigna en verts, en la fila i el punto; se notifica que newpts ha sido modificado, se asigna a polyData los puntos de newpts, llamar al método create from trimesh de soft body helpers, se obtiene el material que da el soft body helpers y a este se le asignan coeficientes elásticos correspondientes, se llama el método generateBendingConstraints de softbody, se asigna la variable m_cfg, se llama el método randomizeConstraint, se llama el método set total mass y por último, se llama el método updateMesh.	Se debe asignar a polyData el resultado de SafeDownCast de vtkPolyData del input como dataSet del mapper del actor, a polys el GetPolys de polyData, llamar el método de polys initTraversal, crear idList y llamar su constructor, asignar a numVerts el número de puntos de polyData, se crea una matriz de btScalar verts del numero de vertices x 3, asignar a numTris el número de celdas del polyData, se crea una matriz de enteros ris del numero de celdas x 3, llamar el constructor de newpts, asignar a oldpts los puntos de polyData, recorrer los puntos y en cada iteración: crear un arreglo de 3 dobles y se actualiza con GetPoint de oldpts, se crea un btVector3 pt y se inicializa con los valores del arreglo, se multiplica por la transformación por parámetro, se asigna el arreglo con los valores del btVector3 y este se inserta en newpts, se asigna en verts, en la fila i el punto; se notifica que newpts ha sido modificado, se asigna a polyData los puntos de newpts, llamar al método create from trimesh de soft body helpers, se obtiene el material que da el soft body helpers y a este se le asignan coeficientes elásticos correspondientes, se llama el método generateBendingConstraints de softbody, se asigna la variable m_cfg, se llama el método randomizeConstraint, se llama el método set total mass y por último, se llama el método updateMesh.	0	-	-	Aprobado	Excelente calidad
PU-023	Stephanie Dominguez	RigidMotionState	getWorldTransform	Se implementó una prueba unitaria y se ejecutó con CTest	"ruta/a/cilindroRadio.vtk"	Se esta asignando en primera instancia se asigna la transformación inicial	Se asigna la transformación inicial	0	0	-	Aprobado	Excelente calidad
PU-024	Stephanie Dominguez	RigidMotionState	setWorldTransform	Se implementó una prueba unitaria y se ejecutó con CTest	"ruta/a/cilindroRadio.vtk"	Se esta izando la transformación para la asignación de la un btTransform que va a ser los valores del mundo	Se esta izando la transformación para la asignación de la un btTransform que va a ser los valores del mundo	0	0	-	Aprobado	Excelente calidad

Pruebas de integración												
ID del caso de prueba	**Persona Responsable**	**Módulos Asociados**	**Descripción de la prueba**	**Pasos de la prueba**	**Datos de entrada**	**Valor de salida Esperado**	**Valor de salida Obtenido**	**Errores encontrados**	**Errores Corregidos**	**Comentarios**	**Estado**	**Metrica**
Se va identificar cada caso de prueba izado con id únicos.	Este campo, indica la persona que está encargada de diseñar y hacer la prueba.	se colocan los módulos que está siendo evaluado.	Da al lector una visión general de la prueba.	Indicar los pasos que hizo la persona para completar la prueba.	Los datos utilizados para probar el método del sistema.	Este valor es el deseado al final de la prueba.	Este valor es el al final de la prueba.	Indica cuántos errores se han encontrado en el código.	Si se encontraron errores, en este campo si indica si se corrigió, en dado caso se caia su estado de fallo a aprobado.	Si la persona responsable tiene una sugerencia para corregir el código, deberá usar este campo.	Para las pruebas, se usarán varias convenciones para definir este campo: Aprobado: No se encontraron errores. Fallo: Hay errores en el funcionamiento del código. Pendiente: No se ha izado la prueba.	Este campo indica la cantidad de errores, y le da un valor: Más de tres errores: Pésima calidad. Entre 1-3 errores: mala calidad. 0: excelente calidad.
PI-001	Stephanie Dominguez	ModelLoader, SceneRigidObject, SceneSoftObject	Se debe cargar los modelos de un vaso sanguineo	Ejecutar la aplicación pasandole un objeto rígido y uno suave	/Users/josequintero/Documents/tesis/Ane-stent/modelos/cilindroRadio.vtk 1 1.00 1.00 1.00 1.570796 0.00 0.00 0.00 10.00 0.00 10.00 /Users/josequintero/Documents/tesis/Ane-stent/modelos/cilindroRadio.vtk 0 1.00 1.00 1.00 90.00 0.00 0.00 0.00 20.00 0.00 1.00 1.00 0.01 50.00	Se deben cargar aos objetos	Aos objetos son cargados satisfactoriamente.	0	0	-	Aprobado	Excelente calidad
PI-002	Jose Antonio Quintero	SceneRigidObject y RigidMotionState	El objeto rígido debe actualizarse en la vista.	Ejecutar la aplicación pasandole un objeto rígido	/Users/josequintero/Documents/tesis/Ane-stent/modelos/cilindroRadio.vtk 1 1.00 1.00 1.00 1.570796 0.00 0.00 0.00 10.00 0.00 10.00	Ver el objeto rígido siendo afectado por la física	El objeto se muestra en la pantalla cayendo	0	0	-	Aprobado	Excelente calidad
PI-003	Jose Antonio Quintero	Scene y SceneSoftObject	Se debe cargar cuerpos suaves y actualizarlos en la vista.	Ejecutar la aplicación pasandole un objeto suave	/Users/josequintero/Documents/tesis/Ane-stent/modelos/cilindroRadio.vtk 0 1.00 1.00 1.00 90.00 0.00 0.00 0.00 20.00 0.00 1.00 1.00 0.01 50.00	Se debe ver el objeto suave siendo afectado por la física	El objeto se muestra en la pantalla cayendo y deformandose	0	0	-	Aprobado	Excelente calidad
PI-004	Jose Antonio Quintero	Scene y SceneRigidObject	Se debe poder cargar cuerpos rígidos.	Ejecutar la aplicación pasandole un objeto rígido	/Users/josequintero/Documents/tesis/Ane-stent/modelos/cilindroRadio.vtk 1 1.00 1.00 1.00 1.570796 0.00 0.00 0.00 10.00 0.00 10.00	Se debe cargar un objeto rígido	El objeto es cargado satisfactoriamente	0	0	-	Aprobado	Excelente calidad
PI-005	Jose Antonio Quintero	Scene, SceneRigidObject y RigidMotionState	Se debe cargar cuerpos rígidos y actualizarlos en la vista.	Ejecutar la aplicación pasandole un objeto rígido	/Users/josequintero/Documents/tesis/Ane-stent/modelos/cilindroRadio.vtk 1 1.00 1.00 1.00 1.570796 0.00 0.00 0.00 10.00 0.00 10.00	Se debe ver el objeto rígido siendo afectado por la física	El objeto se muestra en la pantalla cayendo	0	0	-	Aprobado	Excelente calidad
PI-006	Jose Antonio Quintero	Scene, SceneSoftObject, SceneRigidObject y RigidMotionState	Se deben poder cargar tanto objetos suaves como rígidos y aos se deben actualizar en la vista.	Ejecutar la aplicación pasandole un objeto rígido y uno suave	/Users/josequintero/Documents/tesis/Ane-stent/modelos/cilindroRadio.vtk 1 1.00 1.00 1.00 1.570796 0.00 0.00 0.00 10.00 0.00 10.00 /Users/josequintero/Documents/tesis/Ane-stent/modelos/cilindroRadio.vtk 0 1.00 1.00 1.00 90.00 0.00 0.00 0.00 20.00 0.00 1.00 1.00 0.01 50.00	Se deben ver aos objetos siendo afectados por la física y uno de ellos deformandose.	Aos objetos se muestran cayendo y uno de ellos se deforma.	0	0	-	Aprobado	Excelente calidad

Pruebas funcionales												
ID del caso de prueba	**Persona Responsable**	**Requerimiento**	**Descripción de la prueba**	**Pasos de la prueba**	**Datos de entrada**	**Valor de salida Esperado**	**Valor de salida Obtenido**	**Errores encontrados**	**Errores Corregidos**	**Comentarios**	**Estado**	**Metrica**
Se va identificar cada caso de prueba izado con id únicos.	Este campo, indica la persona que está encargada de diseñar y hacer la prueba.	indica el requerimientos asociado.	Da al lector una visión general de la prueba.	Indicar los pasos que izo la persona para completar la prueba.	Los datos utilizados para probar el método del sistema.	Este valor es el deseado al final de la prueba.	Este valor es el al final de la prueba.	Indica cuántos errores se han encontrado en el código.	Si se encontraron errores, en este campo si indica si se corrigió, en dado caso se caia su estado de fallo a aprobado.	Si la persona responsable tiene una sugerencia para corregir el código, deberá usar este campo.	Para las pruebas, se usarán varias convenciones para definir este campo: Aprobado: No se encontraron errores. Fallo: Hay errores en el funcionamiento del código. Pendiente: No se ha izado la prueba.	Este campo indica la cantidad de errores, y le da un valor: Más de tres errores: Pésima calidad. Entre 1-3 errores: mala calidad. 0: excelente calidad.
PF-001	Stephanie Dominguez	El sistema debe permitir al usuario cargar el modelo en 3D del segmento de vaso sanguíneo.	Se debe probar, con los modelos de vaso sanguineo, para comprobar el estado del requerimiento	Se debe ejecutar el programa e introducir 5 modelos para validar que el programa carga modelos 3D de segmento de vaso sanguíneo	ruta/a/clindro/cylinder/rgc_00.vtk ruta/a/clindro/cylinder/rgc_01.vtk ruta/a/clindro/cylinder/rgc_02.vtk ruta/a/clindro/cylinder/rgc_03.vtk ruta/a/clindro/cylinder/rgc_04.vtk	Se debe mostrar la simulación	En todos, se mostro la simulación	0	0	-	Aprobado	Excelente calidad
PF-002	Stephanie Dominguez	El sistema debe permitir al usuario cargar el modelo en 3D del stent.	Se debe probar, con los modelos de Stent, para comprobar el estado del requerimiento	Se debe ejecutar el programa e introducir 5 modelos para validar que el programa carga modelos 3D de segmento de Stent	ruta/a/cilindro.vtk ruta/a/cubo.vtk. ruta/a/cilindroRadio.vtk ruta/a/icoSphere.vtk ruta/a/example.vtp	Se debe mostrar la simulación	En todos, se mostro la simulación	0	0	-	Aprobado	Excelente calidad
PF-003	Stephanie Dominguez	El sistema debe permitir al usuario especificar la posición de los elementos en la escena de la simulación.	Se debe ejecutar el programa y que el usuario mediante la terminal pueda indicar donde se debe colocar la posición de los elementos en la escena de la simulación	Se debe ejecutar el programa e introducir un modelo para validar que se puede caiar de posición dentro de la simulación	ruta/a/cilindro.vtk	Se debe mostrar la simulación caiando la posición del objeto	Se mostro la simulación	0	0	-	Aprobado	Excelente calidad
PF-004	Stephanie Dominguez	El sistema debe permitir al usuario especificar la rotación de los elementos en la escena de la simulación.	Se debe ejecutar el programa y que el usuario mediante la terminal pueda indicar como se debe escalar los elementos en la escena de la simulación	Se debe ejecutar el programa e introducir un modelo para validar que se puede escalar dentro de la simulación	ruta/a/cilindro.vtk	Se mostro la simulación caiando la rotación del objeto	Se debe mostrar la simulación caiando la rotación del objeto	0	0	-	Aprobado	Excelente calidad
PF-005	Stephanie Dominguez	El sistema debe permitir al usuario especificar la escala de los elementos en la escena de la simulación.	Se debe ejecutar el programa y que el usuario mediante la terminal pueda indicar como se debe rotar los elementos en la escena de la simulación	Se debe ejecutar el programa e introducir un modelo para validar que se puede rotar dentro de la simulación	ruta/a/cilindro.vtk	Se mostro la simulación caiando la escala del objeto	Se debe mostrar la simulación caiando la escala del objeto	0	0	-	Aprobado	Excelente calidad
PF-006	Stephanie Dominguez	El sistema debe poder compilarse en GNU Linux Ubuntu 16 LTS.	Se debe probar, con un modelo de vaso sanguineo para que ver la simulación, y comprobar el requerimiento	Se debe ejecutar el programa e introducir un modelo para validar que se puede compilar en el sistema operativo	ruta/a/cilindro.vtk	Se debe mostrar la simulación	Se mostro la simulación	0	0	-	Aprobado	Excelente calidad
PF-007	Stephanie Dominguez	El sistema debe poder ejecutarse en GNU Linux Ubuntu 16 LTS.	Se debe probar, con un modelo de vaso sanguineo para que ver la simulación, y comprobar el requerimiento	Se debe ejecutar el programa e introducir un modelo para validar que se puede compilar en el sistema operativo	ruta/a/cilindro.vtk	Se debe mostrar la simulación	Se mostro la simulación	0	0	-	Aprobado	Excelente calidad
PF-008	Stephanie Dominguez	El sistema debe interactuar con el usuario.	Se debe probar, con un modelo de vaso sanguineo que el usuario puede interactuar con la simulación	Se debe ejecutar el programa e introducir un modelo para validar que el estado del requerimiento	ruta/a/example.vtp	Se debe mostrar la simulación	Se mostro la simulación	0	0	-	Aprobado	Excelente calidad
PF-009	Stephanie Dominguez	El sistema debe ser desplegado como aplicación stand-alone.	El sistema debe poder funcionar sin que este conectado a la red	El sistema debe ejecutar sin estar ejecutarse	ruta/a/cilindro.vtk	Se debe mostrar la simulación	Se mostro la simulación	0	0	-	Aprobado	Excelente calidad
PF-010	Stephanie Dominguez	El sistema debe usar la física de cuerpos suaves de Bullet Physics.	El sistema debe poder simular un cuerpo suave	Se debe ejecutar el programa e introducir un modelo para simular la fisica de cuerpos suaves	ruta/a/example.vtp	Se debe mostrar la simulación y validar la fisica de cuerpos suaves	Se muestra la simulación	0	0	-	Aprobado	Excelente calidad
PF-011	Stephanie Dominguez	El sistema debe permitir simular el flujo de sangre dentro de un segmento de vaso sanguineo en el tiempo.	El sistema debe simular el fluido de sangre dentro del vaso sanguineo	Se debe ejecutar el progrma e introducir un modelo para simular fisica del fluido	-	Se debe mostrar la simulación y validar la fisica de fluidos	No se muestra el fluido	0	0	Bullet, no tiene implementado el modulo de fluidos, lo unico que tiene implementado es la resistencia al aire.	Falló la prueba	Excelente calidad
PF-012	Stephanie Dominguez	El sistema debe usar un motor de renderizado.	El sistema debe tener un motor de renderizado, en el caso de ANE-STENT, es VTK	El sistema debe utilizar el motor de renderizado y mostrar la simulación	ruta/a/example.vtp	Se debe mostrar la simulación	Se muestra la simulación	0	0	-	Aprobado	Excelente calidad
PF-013	Stephanie Dominguez	El sistema debe usar la física de cuerpos rigidos de Bullet Physics.	El sistema debe poder soportar la fisica de cuerpos rigidos	El sistema debe poder simular cuerpos rigidos,dado un modelo	ruta/a/cilindro.vtk	Se debe mostrar la simulación	Se muestra la simulación	0	0	-	Aprobado	Excelente calidad
PF-014	Stephanie Dominguez	El sistema debe integrar los modelos físicos de los elementos de la escena.	El sistema debe soportar más de dos modelos fisicos, rigidos y suaves en la escena.	El sistema debe poder simular cuerpos suaves y rigidos al mismo tiempo	ruta/a/cilindro.vtk ruta/a/cubo.vtk	Se debe mostrar dentro de la simulación un cuerpo suave y un cuerpo rigido	Se muestra la simulación correctamente	0	0	-	Aprobado	Excelente calidad
PF-015	Stephanie Dominguez	El sistema debe estar en español.	El sistema debe ser enetendido por personas de habla hispana	El sistema muestra el menu, para el usuario en español	-	Se debe mostrar las opciones en español	Se debe mostrar las opciones en español	0	0	-	Aprobado	Excelente calidad
PF-016	Stephanie Dominguez	El sistema debe tener un solo nodo físico.	El proyecto solo puede tener un nodo físico, es decir, BulletPhysics	El proyecto solo puede tener un nodo físico, es decir, BulletPhysics	ruta/a/cilindro.vtk	Se debe mostrar la simulación	Se mostro la simulación	0	0	-	Aprobado	Excelente calidad

PF-017	Stephanie Dominguez	El sistema debe permitir al usuario observar el resultado de la simulación renderizada.	El usuario al memento de ejecutarse debe poder ver el resulatado de la simulación	El usuario al memento de ejecutarse debe poder ver el resulatado de la simulación	ruta/a/cilindro.vtk	Se debe mostrar la simulación	Se mostro la simulación	0	0	-	Aprobado	Excelente calidad
PF-018	Stephanie Dominguez	El sistema debe permitir al usuario especificar el grosor del vaso sanguíneo mediante una textura.	El proyecto debe permitir en el menu que e usuario escoja el grososor del vaso sanguineo	Con los modelos que el usuario, especifica la textura y el grosor	ruta/a/cilindro.vtk	Se debe mostrar la simulación	Se mostro la simulación	0	0	-	Aprobado	Excelente calidad
PF-019	Stephanie Dominguez	El sistema debe poder ejecutarse en OSX El Capitan	Se debe probar, con un modelo de vaso sanguineo para que ver la simulación, y comprobar el requerimiento	Se debe ejecutar el programa e introducir un modelo para validar que se puede compilar en el sistema operativo	ruta/a/cilindro.vtk	Se debe mostrar la simulación	Se mostro la simulación	0	0	-	Aprobado	Excelente calidad
PF-020	Stephanie Dominguez	El sistema debe permitir simular las paredes de un segmento de vaso sanguineo en el tiempo.	Se debe probar el el sistema pueda simular las paredes de un vaso sanguineo	Dado un modelo se debe ver las paredes del vaso sanguineo	ruta/a/clindro/cylinder/rgc_00.vtk ruta/a/clindro/cylinder/rgc_01.vtk ruta/a/clindro/cylinder/rgc_02.vtk ruta/a/clindro/cylinder/rgc_03.vtk ruta/a/clindro/cylinder/rgc_04.vtk	Se debe mostrar la simulación	Se mostro la simulación	0	0	-	Aprobado	Excelente calidad

PR-001,Datos de rendimiento rigid										
Cuadro	bunny.vtk	cilindroo.vtk	cilindroRadio.vtk	cuadrado.vtk	cubo.vtk	icoSphere.vtk	piso.vtk	rgc.vtk	uvSphere.vtk	uvSphereG.vtk
0	0.0166667	0.0166667	0.0166667	0.0166667	0.0166667	0.0166667	0.0166667	0.0166667	0.0166667	0.0166667
1	0.0162458	0.0288866	0.0309364	0.0304521	0.0118489	0.0192745	0.023788	0.0146661	0.022575	0.0227715
2	0.0152819	0.0156397	0.0160681	0.0155367	0.0159051	0.0169044	0.0155971	0.0157013	0.0169769	0.0163951
3	0.0159933	0.0163529	0.0159552	0.0159877	0.0165502	0.0151022	0.0159231	0.0160503	0.0157452	0.0155875
4	0.0160996	0.015232	0.016203	0.0168361	0.0155347	0.0167396	0.0166267	0.0162366	0.0162706	0.0168936
5	0.0169445	0.0157488	0.0168661	0.0152174	0.0158502	0.0157296	0.0148593	0.0156288	0.0149913	0.0153521
6	0.0160471	0.0170251	0.0153958	0.0167707	0.0161608	0.0157991	0.0170887	0.016647	0.0160376	0.0166468
7	0.0152946	0.0159936	0.0164647	0.0160361	0.016514	0.0157126	0.0160296	0.0159566	0.0169966	0.0150024
8	0.0163025	0.0159763	0.0152843	0.0152789	0.0156867	0.0171217	0.0156847	0.0158043	0.0158803	0.0169866
9	0.0154312	0.0151882	0.0167015	0.0166924	0.0164067	0.0149095	0.0152603	0.0157416	0.016187	0.0152902
10	0.0158819	0.031821	0.0152607	0.016026	0.0160213	0.0170942	0.0168881	0.0166172	0.014947	0.0162918
11	0.0169919	0.0161597	0.0167387	0.0160168	0.0153393	0.0158999	0.0151374	0.0162102	0.0166239	0.0154395
12	0.0150714	0.0328669	0.0153785	0.0160528	0.0164747	0.0161203	0.0159288	0.0156308	0.064396	0.0160093
13	0.0167266	0.0159713	0.0166071	0.016043	0.0152002	0.0148819	0.0323115	0.016476	0.016002	0.0160031
14	0.0151736	0.0160206	0.0157398	0.0159071	0.0169613	0.0170129	0.0165629	0.0157569	0.0158999	0.0168072
15	0.0167767	0.0159832	0.0160976	0.0151213	0.0160177	0.0159411	0.0161958	0.0154229	0.0157039	0.0159051
16	0.0160267	0.0149903	0.0151814	0.0166613	0.0159914	0.015956	0.0158304	0.0160181	0.0159289	0.015399
17	0.016212	0.0170137	0.0164524	0.0156497	0.0160149	0.01509	0.0161752	0.0164941	0.0159929	0.0164407
18	0.0160377	0.0159877	0.016073	0.0161928	0.0159138	0.0160442	0.015442	0.0163146	0.0160362	0.015971
19	0.0151026	0.0150948	0.0158897	0.0159824	0.0153208	0.0167554	0.0158689	0.0159852	0.015998	0.0154708
20	0.0169738	0.0165797	0.0157819	0.0157444	0.0165715	0.0158782	0.016415	0.015861	0.0157961	0.0159842
21	0.0159021	0.0163536	0.016013	0.0160832	0.0154255	0.015933	0.0153241	0.0151096	0.0160338	0.0162314
22	0.0159033	0.0153215	0.0158258	0.0154723	0.0163707	0.0159198	0.0159165	0.016463	0.0156825	0.01579
23	0.0150962	0.0164299	0.0161293	0.0486926	0.0158917	0.0158004	0.0160453	0.0161902	0.0158628	0.0160312
24	0.0159902	0.0159897	0.0158719	0.0159415	0.0159402	0.0156547	0.0165031	0.0153429	0.0161135	0.0159843
25	0.0167055	0.0152879	0.0322798	0.0158271	0.0155409	0.0160984	0.0163828	0.0164968	0.0326294	0.0323178
26	0.0158539	0.016491	0.0157571	0.0165721	0.0162494	0.0161084	0.0156407	0.0156387	0.0157538	0.0166908
27	0.0155115	0.0157066	0.016839	0.015161	0.015915	0.0321307	0.0163402	0.0162447	0.0159517	0.0160796
28	0.0159022	0.0160694	0.0158742	0.0162136	0.0159437	0.016284	0.0152571	0.0159831	0.0162732	0.0160259
29	0.0491438	0.0157494	0.0162244	0.0155892	0.0158984	0.0161193	0.0166406	0.0156199	0.0162164	0.0159548
30	0.0149803	0.0160469	0.0153988	0.0160185	0.0322421	0.0153396	0.0156179	0.0161125	0.0153389	0.0151647
31	0.0168671	0.0319656	0.0164672	0.0159912	0.0160382	0.0163276	0.0165987	0.0326281	0.0157568	0.0159168
32	0.0152632	0.015966	0.0157427	0.0166176	0.0166658	0.0167542	0.0149385	0.015414	0.0170691	0.0169901
33	0.0158266	0.0163199	0.0155657	0.0162656	0.016066	0.0154406	0.0170999	0.0159622	0.0159788	0.0152976
34	0.0170306	0.0166531	0.0158576	0.01549	0.0150545	0.0163957	0.0158063	0.0165443	0.0152733	0.0165262
35	0.0158798	0.0159946	0.0169602	0.0157024	0.0166308	0.0156308	0.0160482	0.0163267	0.0167484	0.0150916
36	0.0157404	0.0157501	0.015072	0.015926	0.0163155	0.0164683	0.0154302	0.0159944	0.0149776	0.0161105
37	0.0162561	0.0162613	0.0169008	0.0163855	0.0161392	0.0150033	0.0166655	0.0149938	0.0169924	0.0158152
38	0.0150572	0.0153286	0.0159366	0.0160011	0.0160001	0.0169815	0.0151102	0.0170191	0.015924	0.0169022
39	0.0166431	0.0166734	0.0158477	0.0157896	0.015908	0.0159263	0.0166146	0.0159774	0.0159864	0.0155696
40	0.0161458	0.0160071	0.0155586	0.0161334	0.0159927	0.0158116	0.0152844	0.0149987	0.015781	0.0162695
41	0.015641	0.0156602	0.0163683	0.0157778	0.0155484	0.0157466	0.015953	0.0168153	0.0159969	0.0154598
42	0.0155709	0.0159641	0.0152953	0.0159265	0.0163731	0.0161407	0.0161184	0.0153707	0.0158201	0.0163519
43	0.0160508	0.0163337	0.0164475	0.032108	0.0160031	0.0157596	0.0163463	0.0167612	0.0159285	0.015443
44	0.0160737	0.0159761	0.0159988	0.0163612	0.0157539	0.0162009	0.015473	0.0153312	0.0154538	0.0164094
45	0.0160386	0.0150169	0.0157757	0.0162548	0.0159621	0.0159766	0.0163165	0.0157197	0.0163424	0.0157309
46	0.0159735	0.0167454	0.032119	0.0162586	0.0159764	0.0158856	0.0158346	0.0166851	0.0159843	0.0159776
47	0.0158611	0.015652	0.0159131	0.0160011	0.0157629	0.0156676	0.0158571	0.0161374	0.0156619	0.0159027
48	0.0160537	0.0159033	0.0159264	0.0155697	0.0156335	0.0159631	0.0324167	0.0157994	0.0327319	0.0159734
49	0.0327269	0.0319099	0.0160566	0.0159362	0.0159361	0.0160291	0.0155214	0.0158652	0.0160598	0.0325755
50	0.0152432	0.0161808	0.0164395	0.0156622	0.0160009	0.0158997	0.0321896	0.0159117	0.0157444	0.0164223
51	0.0160035	0.0166049	0.015412	0.016298	0.03225	0.0318592	0.0167741	0.0157309	0.0164289	0.0151828
52	0.0166491	0.0160094	0.0169742	0.0155637	0.0159591	0.0160908	0.0158404	0.0158222	0.0151779	0.0165886
53	0.0155504	0.0150478	0.0151328	0.0161938	0.0159911	0.0163236	0.0162395	0.016228	0.016553	0.016281
54	0.0157715	0.0160186	0.0169333	0.0167906	0.0158419	0.015734	0.0150633	0.0159249	0.0156404	0.0161035
55	0.0168338	0.0169343	0.0149693	0.0151493	0.016989	0.0159623	0.0170024	0.0324822	0.016558	0.0156418
56	0.0154418	0.0320068	0.0166543	0.0158892	0.0151125	0.0167304	0.0158687	0.0162685	0.016296	0.0156967
57	0.0156485	0.0151133	0.0161037	0.0165439	0.016757	0.015838	0.0161918	0.0152509	0.0156316	0.0162558
58	0.0169551	0.0168869	0.0159039	0.0161326	0.0162479	0.0163263	0.0153986	0.0161878	0.0159308	0.016315
59	0.0151578	0.0157681	0.0163461	0.0154239	0.0158589	0.0152619	0.0165194	0.016341	0.0163478	0.0149852

60	0.0169073	0.0152265	0.0149979	0.0166378	0.0156853	0.0158165	0.0157069	0.0164886	0.0159977	0.0167449
61	0.0160025	0.0160759	0.0170753	0.0153001	0.0164614	0.0163756	0.0159364	0.015602	0.0160213	0.0152047
62	0.0158349	0.0159193	0.0153919	0.016396	0.0153628	0.0166494	0.0155397	0.0155406	0.0156345	0.0166277
63	0.0161212	0.0167385	0.0162118	0.0158985	0.0164415	0.015968	0.016442	0.0163846	0.0161345	0.0161623
64	0.0159863	0.0152993	0.0156436	0.0158301	0.0160714	0.0158745	0.0158627	0.0316973	0.015903	0.0152932
65	0.0154485	0.0160005	0.0162347	0.0320619	0.0159613	0.0159548	0.0159884	0.0167814	0.0159966	0.0163755
66	0.0162793	0.0161989	0.0158096	0.0163424	0.0151779	0.0159054	0.0159603	0.0308505	0.0158	0.0160515
67	0.0153849	0.0157655	0.0156796	0.0161982	0.0165626	0.0159333	0.0158756	0.0161977	0.0154538	0.0158718
68	0.0161315	0.0161981	0.0162421	0.0162239	0.0154273	0.0160709	0.0158167	0.0166033	0.0163837	0.015997
69	0.0159968	0.016073	0.0157637	0.0159884	0.0158677	0.0157178	0.0160079	0.0159093	0.0159428	0.0156726
70	0.0161929	0.0159608	0.0161004	0.0152596	0.0159579	0.0160249	0.0157791	0.0159707	0.015875	0.0161752
71	0.0157877	0.0167001	0.0157432	0.0159275	0.0160106	0.0158287	0.0160747	0.0159589	0.0157816	0.0157742
72	0.0318928	0.0150546	0.0330733	0.0167357	0.0160766	0.0158793	0.0329925	0.0158201	0.0329149	0.0326402
73	0.0160162	0.0170203	0.0151571	0.0161072	0.0163806	0.0158212	0.0151062	0.0159263	0.0150997	0.0160916
74	0.0164021	0.0160089	0.016826	0.0151702	0.0157253	0.015951	0.0163703	0.0157531	0.0169248	0.0155121
75	0.0162775	0.0157948	0.0153181	0.015829	0.0159395	0.0327291	0.0166547	0.0159892	0.0152026	0.0167904
76	0.0163183	0.0159142	0.0166382	0.0169542	0.0319371	0.0158925	0.0160337	0.0159882	0.0162668	0.0161267
77	0.0160709	0.0152946	0.0314252	0.0160024	0.0163456	0.015825	0.0159274	0.0325205	0.0164291	0.0155663
78	0.0158647	0.0160049	0.0156503	0.0157704	0.0157774	0.0160327	0.0150406	0.0158411	0.0156609	0.0163411
79	0.0152904	0.0169291	0.0323731	0.0155965	0.0163704	0.0158413	0.016891	0.0159251	0.0158385	0.0154948
80	0.0161133	0.0150316	0.0163608	0.0164645	0.0155467	0.015657	0.0156166	0.0155764	0.0160852	0.0161583
81	0.0156658	0.0165746	0.0163482	0.01531	0.0159465	0.01636	0.0153329	0.0331671	0.0166709	0.0156403
82	0.0322482	0.0155522	0.0159401	0.0324267	0.0164518	0.015911	0.032828	0.0152716	0.015988	0.0166894
83	0.0158426	0.0159894	0.0160367	0.0165822	0.0160833	0.0167801	0.0163298	0.0156063	0.0149997	0.0319523
84	0.0168897	0.0159203	0.0160442	0.0160134	0.0161856	0.0160334	0.015592	0.0164234	0.0170061	0.0160391
85	0.015938	0.0320717	0.0152077	0.0151636	0.0164417	0.0160303	0.0158608	0.0166151	0.0157077	0.0160831
86	0.016051	0.0159987	0.0158009	0.0159315	0.0154136	0.0149552	0.016515	0.0149996	0.0160479	0.0153083
87	0.0161283	0.0320337	0.0165538	0.0161271	0.0164094	0.0170099	0.0152567	0.0170431	0.0158398	0.0166719
88	0.0153459	0.0158994	0.0163258	0.0160159	0.0155986	0.015782	0.0158935	0.0159711	0.0161428	0.0154156
89	0.016606	0.0321063	0.014983	0.0160347	0.0164587	0.0159329	0.01611	0.0150554	0.0159239	0.0164136
90	0.0152828	0.0159513	0.01683	0.0157657	0.0155732	0.0160705	0.0158341	0.0159019	0.0158175	0.0162094
91	0.0166822	0.0162114	0.0153456	0.0163215	0.0161891	0.015872	0.0164574	0.0167034	0.0155971	0.0160024
92	0.0155753	0.0317004	0.0164692	0.0159368	0.015268	0.0158769	0.0157932	0.0157769	0.0162309	0.0159925
93	0.0160811	0.0320303	0.0159248	0.0165102	0.0164245	0.0158564	0.0157033	0.016071	0.0158943	0.0150397
94	0.0159411	0.0162084	0.0159322	0.0160113	0.0161382	0.0159828	0.0158894	0.0158199	0.015772	0.0160998
95	0.0159605	0.0163875	0.0159037	0.0159908	0.0156177	0.0158974	0.0160685	0.0156603	0.0320833	0.0159263
96	0.0158851	0.0155558	0.0159451	0.0150246	0.0159216	0.0158153	0.0164441	0.0161659	0.0165982	0.016274
97	0.0160244	0.016733	0.0158856	0.0160537	0.0161272	0.0160473	0.0156031	0.0159752	0.0157086	0.0156707
98	0.0157325	0.0151484	0.0160327	0.0161159	0.0157591	0.0159597	0.0164108	0.0159967	0.0158953	0.0159352
99	0.0157406	0.0159834	0.0156745	0.015818	0.0159671	0.0318423	0.0165441	0.0157705	0.0162017	0.0170398
100	0.016068	0.0167111	0.0320409	0.0649896	0.0320132	0.0165714	0.0159509	0.032647	0.0162645	0.0159154
101	0.0324441	0.0152773	0.0159839	0.0150157	0.0159439	0.0164331	0.0159691	0.0153613	0.0314746	0.0160538
102	0.015517	0.0160493	0.0160363	0.0322834	0.0169959	0.0155758	0.0161076	0.0161367	0.0159975	0.0154451
103	0.0160198	0.0160627	0.0167464	0.0166998	0.0155675	0.0155434	0.014896	0.0162444	0.0159674	0.0161172
104	0.0166963	0.0159672	0.016288	0.0150493	0.0164518	0.0167532	0.0169296	0.0166281	0.0319086	0.0154355
105	0.0162322	0.0170329	0.0153823	0.016051	0.0161175	0.016279	0.0151986	0.0160691	0.0168411	0.0166617
106	0.0158568	0.015404	0.0156407	0.0160292	0.016038	0.0157323	0.0168584	0.0160167	0.0160516	0.0163822
107	0.0161684	0.0157609	0.0166573	0.0164859	0.015309	0.0162087	0.0151583	0.0160288	0.0152845	0.0149696
108	0.0159742	0.0167281	0.0164076	0.0154135	0.0163556	0.0159988	0.016751	0.015595	0.0166664	0.0169824
109	0.0161352	0.0153324	0.014873	0.0162973	0.0162095	0.0159924	0.015855	0.0157114	0.0160278	0.0157358
110	0.0159372	0.0166336	0.0170099	0.0162217	0.0153036	0.0150452	0.0153148	0.0166173	0.0160734	0.0160098
111	0.0160777	0.0150613	0.0158519	0.015695	0.0166508	0.0168656	0.0165152	0.0150486	0.0151418	0.0158474
112	0.015995	0.0167772	0.0161064	0.0158299	0.0158186	0.015917	0.0153549	0.0169466	0.0165148	0.0157766
113	0.0159877	0.0160846	0.0160171	0.016465	0.0152719	0.0159525	0.0164699	0.0150511	0.0153901	0.0158766
114	0.0149392	0.0159133	0.0158391	0.0154771	0.0164731	0.0154459	0.0158868	0.0163337	0.0159317	0.0161488
115	0.0168445	0.0161966	0.0156988	0.0165389	0.0163214	0.016162	0.0159842	0.016445	0.0165547	0.0158782
116	0.015467	0.0158365	0.0161599	0.0154351	0.015704	0.0161311	0.0157119	0.0155094	0.0164403	0.0159187
117	0.0163017	0.0161685	0.0158013	0.0165045	0.015933	0.015726	0.0159834	0.016164	0.0152175	0.0158762
118	0.0161029	0.0152291	0.0161026	0.0165238	0.0154974	0.0482807	0.0320956	0.0158763	0.015793	0.0158764
119	0.0158691	0.0159144	0.0157755	0.0152602	0.0162758	0.0158597	0.0159484	0.0159853	0.0166728	0.0329939
120	0.0159137	0.0166724	0.0159115	0.0163779	0.015809	0.0158747	0.0161173	0.0158549	0.015646	0.0154393
121	0.0159298	0.0152397	0.0158351	0.0156335	0.0162847	0.0162976	0.0161015	0.015958	0.0156924	0.0158447
122	0.0157575	0.0168825	0.0158972	0.0157656	0.0157013	0.0154931	0.0168258	0.0160159	0.0160327	0.0161421

123	0.015928	0.0151248	0.0319748	0.0166243	0.0158799	0.0164555	0.0154546	0.0319106	0.0162188	0.031855
124	0.0159011	0.0163819	0.0164552	0.0155005	0.0322895	0.015403	0.0165085	0.0163644	0.0159758	0.0161637
125	0.032428	0.0162347	0.016295	0.0158619	0.0159068	0.0161811	0.0160174	0.0163166	0.0159695	0.0157202
126	0.0155778	0.015698	0.0162279	0.0165626	0.0163174	0.0161992	0.0160434	0.0153069	0.016082	0.0159763
127	0.0162208	0.0166103	0.0160472	0.0153966	0.0155942	0.0157499	0.015978	0.016053	0.0157426	0.0319417
128	0.0161259	0.0160105	0.0152209	0.0165497	0.0162865	0.016913	0.0154452	0.0160321	0.0320297	0.0163593
129	0.0160931	0.0159883	0.0168265	0.01557	0.0158562	0.0154097	0.016516	0.0159827	0.0158967	0.0156591
130	0.0163385	0.0153676	0.0157259	0.0323788	0.0169358	0.0155339	0.0158638	0.0166633	0.0167914	0.0167244
131	0.0157821	0.0166183	0.0162547	0.048007	0.0152884	0.016166	0.0150882	0.0155612	0.0161901	0.0161975
132	0.0153635	0.0152383	0.0149934	0.0163801	0.0163871	0.032229	0.0169736	0.0166695	0.0160444	0.0158825
133	0.0170393	0.0164328	0.0170778	0.0155693	0.0163093	0.0167811	0.0158754	0.0149703	0.014935	0.0151152
134	0.0161032	0.0155133	0.0158738	0.0640331	0.015975	0.0157022	0.0157979	0.0161931	0.017107	0.0170802
135	0.0149065	0.0160262	0.0158372	0.0475164	0.0158856	0.0162371	0.0159526	0.0162137	0.0151397	0.0160038
136	0.0170892	0.0167849	0.0151743	0.0160139	0.0161292	0.0151294	0.0159275	0.0163158	0.0168529	0.0156834
137	0.0149443	0.0479895	0.0161243	0.0163498	0.0149263	0.0158409	0.0159955	0.0152821	0.0151054	0.0160439
138	0.0168416	0.0310312	0.0169069	0.0156742	0.016745	0.0165468	0.0157894	0.0649154	0.016616	0.0158545
139	0.0160355	0.0162372	0.0153535	0.0165168	0.0155107	0.0165078	0.0160547	0.0153029	0.016015	0.0161455
140	0.0155507	0.0167705	0.0163793	0.0155276	0.016393	0.0151962	0.0158187	0.0157633	0.0162345	0.0159048
141	0.0323881	0.0149663	0.0159962	0.0165983	0.0158143	0.0163725	0.0482269	0.0164711	0.0154688	0.0154902
142	0.0157595	0.0170097	0.0158167	0.0161422	0.016036	0.0158905	0.0159744	0.0154564	0.0163215	0.0327808
143	0.0163186	0.0151646	0.0158658	0.015703	0.0159761	0.016586	0.0162434	0.016535	0.0159184	0.0150317
144	0.0152538	0.0158727	0.0157356	0.01601	0.0154938	0.0159135	0.0160985	0.0163049	0.0161998	0.0160022
145	0.0161088	0.0162725	0.0160998	0.0161149	0.0482166	0.0160639	0.0162856	0.0163036	0.015216	0.016988
146	0.0156488	0.0158233	0.0158316	0.0159863	0.0164868	0.0158614	0.0150324	0.0156059	0.0164863	0.0161033
147	0.0165023	0.0159442	0.0160967	0.0159995	0.016303	0.0158175	0.0170405	0.0162352	0.0158587	0.0150111
148	0.0166471	0.0164702	0.0322538	0.0159201	0.0159593	0.0152009	0.0149584	0.0153253	0.0155865	0.0169443
149	0.0150071	0.0158337	0.0156204	0.0159503	0.0152153	0.0166764	0.0170079	0.0168487	0.0158766	0.0160343
150	0.0159422	0.0166066	0.0159902	0.0159624	0.0162816	0.0153083	0.0160529	0.0159942	0.016268	0.0160034
151	0.016075	0.0149913	0.0166744	0.0160268	0.0159799	0.0170325	0.0158231	0.0160054	0.0159066	0.0148552
152	0.0158201	0.0160036	0.016318	0.0158686	0.0162751	0.0153358	0.016064	0.0159917	0.0320782	0.0169352
153	0.0169489	0.0165116	0.0155243	0.0156653	0.016171	0.0159538	0.0153728	0.014869	0.0165332	0.016114
154	0.0158642	0.0166459	0.0154023	0.016544	0.0154227	0.0158632	0.0160039	0.0161502	0.0161595	0.0155395
155	0.0158533	0.0148887	0.0170781	0.0159618	0.0159086	0.0164597	0.0165356	0.0163462	0.0159036	0.0155022
156	0.0163533	0.0159897	0.0159841	0.016177	0.0159374	0.0157895	0.0151267	0.0165355	0.0161896	0.0167514
157	0.0156568	0.0161471	0.0159707	0.0157862	0.0164383	0.0160255	0.016579	0.0150564	0.0160876	0.0159938
158	0.0159766	0.0164889	0.0160815	0.0160038	0.0154993	0.032485	0.0159851	0.017076	0.0158953	0.0156966
159	0.0159843	0.0164722	0.0159746	0.0161258	0.0162928	0.0162007	0.0158221	0.014942	0.0154781	0.0160019
160	0.0164849	0.0158851	0.0151716	0.0158935	0.0158452	0.01556	0.0160305	0.0170185	0.0166078	0.0156982
161	0.0159286	0.0159781	0.0166973	0.0158712	0.0160057	0.0154528	0.0155658	0.015081	0.0154732	0.0162023
162	0.015972	0.0150414	0.0151615	0.016338	0.0158095	0.0158551	0.0159298	0.0167878	0.01573	0.0156503
163	0.01543	0.0170066	0.0166767	0.0158051	0.0159847	0.0162194	0.0162031	0.0151485	0.0159923	0.0159333
164	0.0163589	0.0149827	0.0158237	0.0159463	0.0319975	0.0160198	0.0158962	0.0168868	0.0167033	0.0159445
165	0.0153813	0.0170413	0.0159717	0.0160801	0.0164018	0.0168323	0.015969	0.0151221	0.0158263	0.033066
166	0.0164554	0.0155772	0.0160256	0.016071	0.0162932	0.015472	0.0322478	0.0169852	0.0161564	0.0155523
167	0.015615	0.0154265	0.0153692	0.0159995	0.0162258	0.0154335	0.0159297	0.015415	0.0159046	0.016181
168	0.0162373	0.0159462	0.0161368	0.0161588	0.0152195	0.0171553	0.0165302	0.0154384	0.015876	0.0153579
169	0.0159203	0.0170293	0.0161685	0.015734	0.0166433	0.0148845	0.0152446	0.0171349	0.0152681	0.0164199
170	0.015931	0.0153592	0.0158479	0.0161061	0.0161472	0.0169616	0.0163234	0.0159534	0.0162	0.0166451
171	0.0157179	0.0159483	0.0158975	0.0159506	0.0160112	0.0153483	0.0159658	0.015648	0.0162171	0.0159107
172	0.0160838	0.0159545	0.032278	0.0157823	0.0154549	0.0157835	0.0157247	0.0156874	0.0162921	0.0160654
173	0.0159268	0.0157178	0.0162463	0.0162706	0.0158564	0.0165105	0.0162744	0.0158724	0.0153651	0.0160118
174	0.0320068	0.0170079	0.016449	0.0155581	0.015881	0.0156644	0.0156988	0.0163673	0.016853	0.0159973
175	0.0167047	0.0157433	0.0154207	0.0164773	0.0167417	0.0160396	0.0161111	0.0164716	0.0470812	0.0149696
176	0.0152578	0.016278	0.0165657	0.0159633	0.0157917	0.0167069	0.0164435	0.0149279	0.0324282	0.0169736
177	0.0166025	0.0159555	0.0156483	0.0160198	0.0160386	0.0149463	0.0160284	0.0170677	0.0155031	0.0159741
178	0.0164912	0.0153028	0.0158095	0.0157153	0.015563	0.0162352	0.0163697	0.015671	0.0169911	0.0155931
179	0.0155153	0.0167339	0.0166506	0.0156809	0.0163642	0.0164016	0.0157076	0.0152712	0.0151718	0.016227
180	0.0163683	0.0153904	0.0150727	0.0165382	0.0160641	0.0324712	0.0153764	0.016276	0.0159068	0.0157246
181	0.0161645	0.0166925	0.0168342	0.0160274	0.0156505	0.0151172	0.0161931	0.0157869	0.0165886	0.0154614
182	0.0158678	0.0160058	0.0160049	0.0159208	0.0160723	0.0165733	0.0158542	0.0170405	0.016182	0.0160861
183	0.0155619	0.0160067	0.016079	0.0166117	0.0157419	0.0162188	0.0161935	0.0160033	0.0160747	0.0163151
184	0.0165189	0.0149038	0.0150313	0.0150864	0.0161611	0.0158131	0.0157669	0.015707	0.0151152	0.0159207
185	0.0155568	0.0169949	0.0166887	0.0160781	0.0158157	0.0152931	0.0159712	0.0161343	0.0159712	0.0158176

186	0.0163389	0.014971	0.0160006	0.0167208	0.0159121	0.0169805	0.0159604	0.016023	0.0162835	0.0159494
187	0.0154651	0.0170249	0.0161234	0.0150385	0.0160086	0.0150219	0.0160963	0.0161499	0.0159169	0.0159934
188	0.0157678	0.0154213	0.0158735	0.0162976	0.0158669	0.0170008	0.0159692	0.01594	0.0159459	0.0159951
189	0.0158801	0.0165709	0.0158287	0.0160553	0.0321698	0.0148848	0.0160411	0.0160015	0.0166016	0.0325424
190	0.0159577	0.0153266	0.0154495	0.015912	0.0169021	0.0166294	0.0159418	0.0160251	0.0158236	0.0158616
191	0.016271	0.0166764	0.0162551	0.0164369	0.0149908	0.0154605	0.0320488	0.0159742	0.0161651	0.0157704
192	0.016062	0.0149866	0.0158728	0.0157777	0.0161804	0.0159392	0.0165954	0.0149756	0.0158661	0.0168233
193	0.016033	0.0159918	0.0159961	0.0161579	0.0160472	0.0167997	0.0161171	0.0168758	0.0161556	0.0153881
194	0.0158632	0.0165677	0.0158826	0.0164782	0.0157556	0.0162676	0.0153462	0.0311809	0.0154618	0.0166005
195	0.0158623	0.0165509	0.0160498	0.0148516	0.0159772	0.0149456	0.0162175	0.0166667	0.0161666	0.0152616
196	0.0159381	0.0155095	0.0318768	0.0166606	0.0166544	0.0170881	0.0158356	0.0166667	0.0161837	0.0160105
197	0.0327966	0.0156673	0.0164345	0.015926	0.0153154	0.0158523	0.0162577	0.0159761	0.0159283	0.0156422
198	0.0152283	0.0167431	0.0165492	0.016564	0.064728	0.0155167	0.0165613	0.0154543	0.0156968	0.0170608
199	0.0167053	0.0158303	0.0151039	0.0154447	0.0156073	0.0160843	0.0155784	0.0157609	0.015855	0.0149279
200	0.016157	0.0162679	0.0169789	0.0154719	0.0164786	0.0162481	0.0165206	0.016003	0.0160735	0.0169183
201	0.0152414	0.0159137	0.0149523	0.0164891	0.0157132	0.0153244	0.0157996	0.0161928	0.0159765	0.0160617
202	0.0157653	0.0159634	0.0170915	0.0166101	0.0161204	0.0164431	0.0154557	0.0158958	0.0159609	0.0151189
203	0.0163772	0.0471443	0.0150561	0.0159357	0.0159422	0.0154807	0.0167135	0.0158324	0.0320272	0.016356
204	0.0157468	0.0165895	0.0169167	0.0159411	0.0158414	0.0163951	0.0149582	0.0161599	0.0160296	0.0163329
205	0.0169602	0.0157219	0.0151218	0.0155631	0.0157358	0.0158144	0.0167168	0.0163699	0.0163433	0.015564
206	0.0149838	0.0165192	0.0168191	0.0164856	0.0168364	0.0161636	0.0157598	0.0166667	0.0156643	0.0157423
207	0.016299	0.0156758	0.0160225	0.0148933	0.0158356	0.0317955	0.0161185	0.0632232	0.0479886	0.0158805
208	0.0164467	0.0155694	0.0158076	0.0161015	0.0151599	0.0163909	0.0158586	0.0157386	0.0158638	0.016445
209	0.0152459	0.0159447	0.0161056	0.0160828	0.0159847	0.0159401	0.0157934	0.0169592	0.0166869	0.0156489
210	0.0166556	0.0158799	0.0158436	0.0158181	0.0170248	0.0153668	0.0157523	0.0151014	0.0314502	0.0160861
211	0.0157822	0.0170108	0.0161423	0.0161554	0.0159912	0.016348	0.0161758	0.0159241	0.0323776	0.0160133
212	0.0158384	0.0151754	0.015699	0.0162377	0.0159957	0.016055	0.0160935	0.0163655	0.0317294	0.03191
213	0.0156369	0.0162718	0.0159375	0.0166545	0.015877	0.0159151	0.0319427	0.0166667	0.0164239	0.0162927
214	0.0164775	0.0155308	0.0159854	0.0161186	0.0151911	0.0486078	0.01647	0.0320169	0.0156543	0.0164798
215	0.0159034	0.0168084	0.0157415	0.0152706	0.0163277	0.0151951	0.0158299	0.0158638	0.0157847	0.0161033
216	0.0156774	0.0153336	0.0159761	0.0165746	0.0156	0.0160248	0.0159593	0.0164876	0.0171028	0.0160994
217	0.0159863	0.0167849	0.0156846	0.0161159	0.0165241	0.0158881	0.0159784	0.0160943	0.0148906	0.0155942
218	0.0159399	0.015035	0.0161348	0.0159393	0.0155239	0.0162141	0.0166599	0.0166667	0.0161015	0.0163213
219	0.016322	0.0160778	0.0320485	0.0158767	0.0161591	0.016757	0.015961	0.0159178	0.0159557	0.0161155
220	0.0158018	0.0159255	0.0158041	0.0160183	0.0161427	0.0150397	0.015984	0.0169009	0.0161339	0.0159758
221	0.0159278	0.0163216	0.0165941	0.0161127	0.0162714	0.0160005	0.0160753	0.0150209	0.0167752	0.0155371
222	0.0321356	0.0159662	0.0164393	0.0159444	0.0156728	0.0160701	0.015915	0.0160544	0.0160778	0.0164578
223	0.0158139	0.0156992	0.015668	0.0160525	0.0162773	0.0160443	0.0156237	0.0168396	0.0160064	0.0157606
224	0.0162544	0.0160666	0.0164271	0.0150184	0.0317916	0.0160412	0.0164292	0.0160917	0.0155357	0.0162631
225	0.0166212	0.0160292	0.0156965	0.0163513	0.0156296	0.0159673	0.015842	0.0157237	0.0162232	0.0152773
226	0.0153734	0.0159601	0.0154462	0.0157405	0.0321531	0.0160362	0.016076	0.0162586	0.0151967	0.0155904
227	0.015961	0.0160486	0.0166474	0.0158466	0.016405	0.016064	0.0150412	0.0151516	0.0159912	0.0169028
228	0.0161751	0.0159353	0.0161841	0.0167764	0.047874	0.0167538	0.0160112	0.0159523	0.016975	0.0155892
229	0.0161386	0.0159544	0.0152672	0.0163214	0.0162806	0.0157757	0.0164753	0.0160026	0.0160665	0.0160508
230	0.0159898	0.01656	0.0167835	0.0159997	0.0153055	0.0162129	0.0160715	0.0169149	0.0152474	0.0155034
231	0.0163762	0.0156213	0.0148892	0.0148843	0.0480927	0.01516	0.0158152	0.0160014	0.0156751	0.0165123
232	0.0153906	0.0158585	0.0170773	0.0164664	0.0161013	0.016564	0.0160302	0.016013	0.0160951	0.0154389
233	0.0163819	0.0161219	0.0149874	0.0165444	0.0158923	0.0162886	0.0158277	0.0156199	0.016576	0.0163718
234	0.0154034	0.0161819	0.0169145	0.0160084	0.0169133	0.0154985	0.016038	0.0158921	0.0159471	0.015877
235	0.0164282	0.016673	0.0158517	0.0160616	0.0151896	0.0158794	0.0159695	0.0156858	0.0160676	0.015922
236	0.0159314	0.0155806	0.0157612	0.0149031	0.0168209	0.0163892	0.0158814	0.01692	0.0154771	0.0159762
237	0.0157392	0.0158325	0.0156123	0.0162849	0.0150967	0.0157616	0.0318504	0.0150651	0.0168293	0.0326735
238	0.0158568	0.0156416	0.016154	0.0168178	0.0158853	0.0155486	0.0167624	0.0165252	0.0158631	0.0158728
239	0.0164874	0.0163552	0.0160787	0.0153214	0.0168381	0.0169141	0.0151864	0.0154259	0.0162846	0.0158506
240	0.0157455	0.016225	0.0160065	0.0165729	0.01612	0.0150606	0.0161176	0.0161369	0.0150954	0.0157773
241	0.0157592	0.0165061	0.0156302	0.0152678	0.0150788	0.0169361	0.0162896	0.0168372	0.0158976	0.0167246
242	0.0160704	0.0159307	0.0158609	0.0157852	0.0168953	0.0149894	0.0156666	0.0153978	0.0168266	0.0156112
243	0.0160998	0.0151824	0.0329058	0.016333	0.0154559	0.016067	0.0170192	0.0154651	0.0155548	0.0162223
244	0.0159573	0.0157301	0.0151534	0.0162982	0.0164836	0.015911	0.0160077	0.0161076	0.0164505	0.0162347
245	0.0160672	0.0160389	0.0166685	0.0164299	0.0161632	0.0328659	0.0160197	0.0169592	0.0159821	0.0160061
246	0.0157779	0.0166607	0.0163168	0.0159976	0.0154087	0.0634222	0.0160457	0.0149833	0.016125	0.0160284
247	0.0320263	0.0152986	0.0154328	0.0160832	0.0165939	0.0159061	0.0155819	0.016054	0.0153673	0.0152876
248	0.016735	0.0320514	0.0166781	0.0151385	0.0158625	0.0162396	0.0163653	0.0161824	0.0161342	0.0156906

249	0.0157611	0.0168256	0.0160297	0.0167553	0.0161344	0.063626	0.0158818	0.0167255	0.0165407	0.0169072
250	0.0157808	0.0161457	0.0159291	0.0154973	0.0153066	0.0160909	0.0160977	0.0154694	0.0159681	0.0156119
251	0.0167732	0.0161014	0.016012	0.016409	0.0166923	0.0165195	0.0152147	0.0166439	0.0160228	0.016006
252	0.0156521	0.0159286	0.0160792	0.0154028	0.0160144	0.016402	0.0157614	0.0150318	0.0153109	0.0161254
253	0.0164023	0.0160698	0.0158841	0.0166037	0.0159625	0.016095	0.016636	0.0158647	0.0165307	0.01531
254	0.0160382	0.0160056	0.0152714	0.0150343	0.0150604	0.0159188	0.015912	0.0168412	0.0160642	0.0162747
255	0.0158353	0.0152412	0.0158628	0.0169704	0.0169688	0.0156526	0.0157864	0.0163035	0.015951	0.0157519
256	0.015515	0.0157061	0.0167893	0.0155623	0.0156186	0.0159464	0.0159991	0.0160337	0.0161696	0.0162192
257	0.0166505	0.0162722	0.0159373	0.0154308	0.0153807	0.0163496	0.0159789	0.0159756	0.015805	0.0160288
258	0.0157005	0.0163934	0.0161162	0.0167771	0.01698	0.0158715	0.0157119	0.0157191	0.0158664	0.015897
259	0.0162077	0.016099	0.0155633	0.0152256	0.0160217	0.0162686	0.0160771	0.0155344	0.0151949	0.0159584
260	0.0154849	0.0154238	0.0160287	0.0160389	0.0159389	0.0158884	0.0159773	0.0159389	0.0165126	0.0318406
261	0.0158869	0.0157874	0.0157791	0.0164974	0.0150244	0.0160136	0.0158375	0.0167329	0.0158446	0.0169041
262	0.0158552	0.0168804	0.0160134	0.0155486	0.0170045	0.0154902	0.0160114	0.0156597	0.0164957	0.0151724
263	0.0164127	0.0155774	0.0161081	0.0167411	0.0154058	0.0166491	0.0321949	0.0160964	0.0155595	0.0165177
264	0.0158269	0.0155383	0.0157733	0.0163247	0.0162611	0.0159516	0.0169731	0.0156841	0.0157228	0.0158322
265	0.0159546	0.0169583	0.0156823	0.0158374	0.015965	0.0149221	0.0150016	0.01562	0.0163633	0.0166546
266	0.0156847	0.0157032	0.0161209	0.0160254	0.0157655	0.016701	0.0169823	0.0163761	0.0165617	0.0157078
267	0.0160808	0.0152934	0.0327454	0.0161367	0.0158456	0.0162783	0.0159623	0.0165943	0.0151771	0.0162637
268	0.0159301	0.0161504	0.0161406	0.0159595	0.0161062	0.0161176	0.0159868	0.0159123	0.0168156	0.0160388
269	0.032117	0.0158774	0.0153535	0.0158929	0.0165123	0.0157411	0.0160228	0.0154492	0.0149767	0.0152078
270	0.0160779	0.0160044	0.015982	0.0161813	0.0152095	0.0160468	0.0152526	0.0158497	0.0169942	0.0167268
271	0.0156757	0.0169955	0.0157259	0.0159999	0.0169352	0.01626	0.0163495	0.0167201	0.0151693	0.0150672
272	0.0163414	0.0156561	0.0160504	0.0159589	0.0160176	0.0155849	0.0157336	0.0150983	0.016984	0.0161504
273	0.0163435	0.0163494	0.0169264	0.0158958	0.015376	0.015338	0.0164508	0.0159097	0.015863	0.0167001
274	0.0163766	0.0156273	0.0160846	0.0160842	0.0160707	0.0167764	0.0160945	0.015974	0.0159942	0.0150371
275	0.0160755	0.0162132	0.0159961	0.0159549	0.0163862	0.0162513	0.0160945	0.0171145	0.0154395	0.0167883
276	0.0155939	0.0161432	0.0159334	0.0160795	0.0161782	0.0156511	0.0150609	0.015354	0.0165362	0.0154065
277	0.0153693	0.0159914	0.0156842	0.0149484	0.0149882	0.0155133	0.0164403	0.0165313	0.0154888	0.0164148
278	0.0169479	0.0158989	0.0163726	0.0168862	0.016085	0.0167984	0.0160619	0.0158276	0.0156326	0.0157694
279	0.0159451	0.0151084	0.0153233	0.0159759	0.0169239	0.014929	0.0153935	0.0162875	0.0162198	0.0160996
280	0.0152732	0.0166605	0.0156282	0.0160989	0.0159889	0.0166966	0.016373	0.0159403	0.0167398	0.0158593
281	0.0157625	0.0155639	0.0168986	0.0151459	0.0150303	0.0152708	0.0159905	0.0160415	0.0160245	0.0160459
282	0.0169404	0.0164192	0.0159426	0.0158375	0.016945	0.0165553	0.0155685	0.0152705	0.015793	0.0157179
283	0.0150622	0.0475489	0.0153798	0.0163996	0.0150379	0.0157192	0.0160703	0.016764	0.0157825	0.0160037
284	0.0167015	0.0158649	0.0163841	0.0166763	0.0169654	0.0162698	0.0160051	0.015392	0.0154586	0.0159459
285	0.0152889	0.0319424	0.0159219	0.0152892	0.0156715	0.015497	0.0320008	0.0165773	0.0158827	0.0326537
286	0.0167791	0.0163551	0.015915	0.0161398	0.0154437	0.0169305	0.0169729	0.0160094	0.0162287	0.0157433
287	0.0158631	0.0159855	0.0155282	0.0638016	0.0159978	0.0160323	0.0160081	0.0159763	0.015891	0.0159768
288	0.0157723	0.015677	0.0161192	0.0166392	0.0159817	0.0151337	0.0156575	0.0156799	0.0164205	0.0163397
289	0.015528	0.0160851	0.0159172	0.0158227	0.0159774	0.0168697	0.0164069	0.0163461	0.0161248	0.0163247
290	0.0162758	0.0165142	0.0160125	0.0162834	0.0169631	0.0159893	0.0151788	0.0151403	0.0163276	0.0153559
291	0.0159793	0.0160325	0.0320116	0.0157537	0.0159633	0.0155552	0.0157955	0.0168701	0.0161066	0.0166135
292	0.0162416	0.0154393	0.016039	0.0163258	0.0160632	0.0157664	0.0160044	0.0148573	0.0152732	0.015352
293	0.0316137	0.0164063	0.0160196	0.0159831	0.0159792	0.0168747	0.0160971	0.0163557	0.016654	0.0167398
294	0.0162122	0.0158357	0.0164502	0.0149994	0.0157175	0.0160163	0.0157962	0.0168083	0.0159739	0.0157464
295	0.0159824	0.0157446	0.0160962	0.0169795	0.0153678	0.0159387	0.0167258	0.015831	0.0157327	0.0160087
296	0.0160268	0.0164138	0.0153934	0.0148989	0.0169202	0.0148607	0.0155371	0.0153604	0.016064	0.0162126
297	0.0160892	0.0166535	0.0166143	0.0171268	0.0151293	0.0168583	0.0158599	0.015868	0.0154625	0.0159759
298	0.0166471	0.015452	0.0153782	0.0153366	0.0168946	0.0161456	0.0161063	0.0166144	0.0160857	0.0153141
299	0.0161737	0.0155056	0.0164629	0.016684	0.0155437	0.0152807	0.0160806	0.0162308	0.0157885	0.0164461
300	0.0148471	0.0170802	0.0158674	0.015962	0.0153838	0.0167383	0.01573	0.0154397	0.0161812	0.0152199
301	0.0160528	0.015037	0.0168013	0.0159745	0.0160268	0.0161066	0.0167185	0.0166352	0.0157626	0.0161056
302	0.0170035	0.0162526	0.0148457	0.0160224	0.0167684	0.0149084	0.0154711	0.0159622	0.0165651	0.0162648
303	0.0160243	0.015608	0.0168256	0.016041	0.0157714	0.0162487	0.0157737	0.0160735	0.0164034	0.0158753
304	0.0158956	0.0169368	0.0166667	0.0159575	0.016012	0.0157772	0.0164278	0.0159536	0.0149829	0.01615
305	0.0158804	0.0160011	0.0163583	0.0156805	0.0159116	0.016761	0.0156722	0.0158263	0.0160335	0.0158675
306	0.0160348	0.0153068	0.0316438	0.0159823	0.0164608	0.0161555	0.0159801	0.0161707	0.0159291	0.0156867
307	0.0156874	0.016411	0.0162547	0.0154437	0.0150849	0.0153729	0.01605	0.0152015	0.0167445	0.0160041
308	0.0163093	0.0160114	0.0167173	0.0162831	0.0160747	0.0161028	0.0158605	0.0167943	0.0159804	0.0159403
309	0.0153095	0.0163045	0.0160401	0.0166642	0.0159077	0.0155815	0.0322263	0.0149802	0.0162842	0.0320021
310	0.0158919	0.0155654	0.0154804	0.0160077	0.0167417	0.016076	0.0159743	0.0170254	0.0150192	0.0169055
311	0.0165773	0.0163879	0.0164899	0.0159682	0.015365	0.0162801	0.0165194	0.0159505	0.0159526	0.0154731

312	0.0153043	0.0161148	0.0153711	0.0159288	0.0163803	0.0155795	0.01573	0.0160626	0.0160578	0.0165155
313	0.0163279	0.0149674	0.0158171	0.0160269	0.0157042	0.0166936	0.0155874	0.0156781	0.0168244	0.0155737
314	0.0159434	0.0171021	0.0163711	0.0159577	0.0159236	0.0164508	0.0162889	0.0157469	0.0154597	0.0167018
315	0.0159711	0.01559	0.0164738	0.0160743	0.0165909	0.0158449	0.016689	0.015769	0.0168125	0.0159802
316	0.0158913	0.0156677	0.0159661	0.0153254	0.0159498	0.0161096	0.0152073	0.0167984	0.0159442	0.0158834
317	0.0159834	0.0157099	0.0150533	0.0166963	0.0160987	0.0160654	0.0163367	0.0152581	0.0155524	0.0151831
318	0.0318881	0.0164211	0.0166402	0.0159971	0.0159378	0.0159651	0.016305	0.0156423	0.0163188	0.0168908
319	0.0163767	0.0155465	0.0161872	0.0154028	0.0161302	0.0149301	0.0160582	0.016208	0.0159921	0.0160727
320	0.01661	0.0167019	0.0156587	0.0165967	0.0161757	0.0165843	0.0151806	0.016475	0.0156345	0.0159095
321	0.0156297	0.0152395	0.0157685	0.016018	0.0159973	0.0155699	0.0169124	0.0155787	0.0164574	0.0152007
322	0.0164831	0.0170508	0.0158765	0.0159475	0.0154084	0.016902	0.0153354	0.0162201	0.016024	0.0163889
323	0.0160176	0.0159914	0.0163139	0.0159146	0.0165613	0.0155834	0.0164612	0.0156005	0.0159615	0.0161211
324	0.0152704	0.0148754	0.015882	0.015978	0.0160791	0.0164062	0.0156773	0.0170159	0.0161022	0.0152287
325	0.016021	0.0171396	0.0158899	0.0161871	0.0149939	0.0151476	0.0163511	0.0160467	0.0149795	0.0167469
326	0.0166779	0.0158588	0.0158521	0.0149089	0.0169932	0.0157876	0.0157783	0.0149287	0.0159154	0.01566
327	0.0159042	0.0152884	0.0157453	0.0168822	0.0160071	0.0160231	0.0157418	0.0170691	0.0166267	0.0160599
328	0.0161341	0.0168426	0.0330517	0.0157813	0.0157213	0.0167907	0.0160075	0.0159328	0.0163519	0.0159032
329	0.015848	0.016071	0.0160148	0.0162066	0.0162673	0.0152145	0.0160481	0.0160677	0.0160441	0.015648
330	0.0158508	0.0150662	0.01598	0.0150963	0.0160093	0.0170674	0.0158331	0.0159982	0.0151375	0.016168
331	0.0162592	0.0168669	0.0150586	0.0162595	0.015998	0.0153034	0.0159947	0.0150587	0.016945	0.015848
332	0.0155858	0.0160538	0.0162031	0.0167253	0.0150666	0.0167208	0.0159965	0.0169225	0.0159777	0.0159178
333	0.0158429	0.0159575	0.0158873	0.0160573	0.016634	0.0149484	0.0158519	0.0149168	0.0157413	0.0323657
334	0.0161974	0.0159954	0.0159702	0.015995	0.016296	0.0164341	0.0326889	0.0166723	0.016287	0.015965
335	0.0157225	0.014926	0.0170218	0.0157308	0.0151673	0.0165684	0.0158072	0.0163553	0.0154928	0.0161518
336	0.016074	0.0166923	0.0153534	0.0162465	0.016022	0.0150733	0.0165696	0.0158457	0.0159666	0.0167325
337	0.0158168	0.0163059	0.0165888	0.0160657	0.0162699	0.016982	0.0151255	0.0161848	0.0163626	0.0159384
338	0.0159702	0.015878	0.0154472	0.0157149	0.0165303	0.0149078	0.0164105	0.0156524	0.015767	0.0158676
339	0.0157241	0.0157102	0.0154857	0.0162225	0.015057	0.0169491	0.0159409	0.0163622	0.015378	0.01566
340	0.0159362	0.0156174	0.0170396	0.0159552	0.0162139	0.0159915	0.0165351	0.0156131	0.0170375	0.0158696
341	0.0160684	0.0162076	0.0154862	0.0160888	0.0167069	0.0160115	0.0159851	0.0160246	0.0159742	0.0166153
342	0.0159103	0.0164106	0.0157645	0.0149593	0.0160017	0.0159769	0.0159049	0.0154974	0.0159798	0.0159308
343	0.0322709	0.0154636	0.0166696	0.0170092	0.0153702	0.0150169	0.0161246	0.0158665	0.014937	0.0160436
344	0.0163965	0.0168122	0.0160049	0.0160369	0.0164938	0.0166039	0.0150489	0.0166862	0.0161346	0.0160329
345	0.0158861	0.0154302	0.015106	0.0160442	0.0153291	0.0164361	0.0169413	0.0163168	0.0169861	0.0149298
346	0.0157668	0.0165436	0.0168605	0.0155344	0.0159583	0.0156474	0.015291	0.0150741	0.0148974	0.0159459
347	0.0157026	0.0154222	0.0150296	0.0164051	0.0160324	0.0161739	0.0164553	0.0159859	0.0161879	0.0168074
348	0.0161621	0.0159535	0.0170096	0.0153931	0.0165133	0.0160017	0.0152844	0.0168739	0.016524	0.0154657
349	0.0159084	0.0162471	0.0152051	0.0166169	0.016331	0.016053	0.0166301	0.0161061	0.0157167	0.0164293
350	0.0169129	0.0162433	0.0481436	0.0159587	0.0160019	0.0161572	0.0158119	0.015758	0.0166703	0.0158374
351	0.0152132	0.0166667	0.0318704	0.0150755	0.0160005	0.0159395	0.0158979	0.0161927	0.0159333	0.0158642
352	0.0157836	0.0171372	0.0160302	0.0162281	0.0159846	0.0161365	0.0155795	0.0157481	0.0160127	0.0159383
353	0.0162886	0.0160044	0.0167578	0.0156281	0.0156884	0.0160089	0.0162549	0.0161449	0.014888	0.0160066
354	0.0157648	0.0160121	0.0153226	0.0164659	0.0153675	0.0159867	0.0158656	0.0150587	0.0170809	0.0157811
355	0.0164375	0.01595	0.0157039	0.0163154	0.016006	0.015193	0.0159286	0.0170837	0.015882	0.0158812
356	0.0155084	0.014976	0.0162523	0.0163158	0.0159311	0.0167602	0.0158782	0.015132	0.0161805	0.0321958
357	0.0161572	0.0171005	0.0160344	0.015871	0.0161547	0.0160218	0.0326607	0.0168297	0.015109	0.0161172
358	0.0161434	0.0158252	0.0156889	0.0160213	0.0168191	0.0149811	0.0162947	0.0158407	0.0164875	0.0161959
359	0.015912	0.0155575	0.0164715	0.0153266	0.0158182	0.0164684	0.0160923	0.0161357	0.0154721	0.0157859
360	0.0161927	0.0154502	0.0163893	0.015883	0.0155596	0.0160338	0.016081	0.0160367	0.0167194	0.0168061
361	0.0156084	0.0169677	0.0151852	0.0168872	0.0162897	0.0162404	0.0160328	0.015166	0.0151675	0.0158447
362	0.0159683	0.0150816	0.0162384	0.0160195	0.0163632	0.0163166	0.0159391	0.0166718	0.0171066	0.0161974
363	0.0163119	0.0170143	0.0163832	0.0160234	0.0160125	0.0160391	0.0160856	0.0156695	0.015819	0.0157018
364	0.0158034	0.0152799	0.0160256	0.0159507	0.0160085	0.0154605	0.015858	0.0155336	0.0160283	0.0162622
365	0.0160474	0.0158172	0.0155652	0.0157074	0.0151609	0.0157166	0.0161182	0.016124	0.0161058	0.0160192
366	0.0318711	0.016903	0.0157585	0.0163035	0.016455	0.0161328	0.0159514	0.016705	0.0156829	0.015995
367	0.0161128	0.0160651	0.0167659	0.0157173	0.0163823	0.0158597	0.015633	0.0158657	0.0161273	0.0158362
368	0.0159903	0.0160345	0.0161982	0.0151787	0.0153334	0.0157364	0.0162288	0.0154168	0.0162194	0.0160961
369	0.016881	0.0158365	0.0150655	0.0164065	0.0164853	0.0161383	0.0160303	0.0156777	0.0159055	0.0150541
370	0.0155688	0.0151	0.0167692	0.0166921	0.0161809	0.0169164	0.0159279	0.0160055	0.0160192	0.0167051
371	0.0164505	0.0166289	0.015547	0.0160413	0.0159885	0.0152486	0.015167	0.0162816	0.0160252	0.0156282
372	0.0156965	0.0153742	0.0165987	0.0160008	0.0160184	0.0166188	0.0163992	0.0167879	0.0157114	0.0157149
373	0.0163528	0.0170532	0.0150776	0.0159615	0.01599	0.0157828	0.0161618	0.0159516	0.0162682	0.0158386
374	0.01608	0.0158618	0.0161741	0.0156978	0.0160781	0.0159858	0.015914	0.0159737	0.0149252	0.0165178

375	0.0160277	0.015	0.0162374	0.0155167	0.0158511	0.01527	0.0159016	0.0160787	0.0166532	0.0155432	
376	0.0154081	0.0171035	0.0155275	0.0167858	0.0161573	0.0170109	0.0156844	0.0152686	0.0157259	0.0163165	
377	0.0165157	0.0160083	0.0166753	0.0154394	0.0160245	0.0160991	0.016214	0.016706	0.0165762	0.0156782	
378	0.016027	0.0148725	0.0153813	0.0162089	0.0151458	0.0159534	0.0156937	0.0161242	0.0320316	0.0161951	
379	0.0158157	0.0169984	0.0169203	0.0156897	0.016215	0.016036	0.0160764	0.0159698	0.0153412	0.0158372	
380	0.0157831	0.0153991	0.0471657	0.0167096	0.0164419	0.0149351	0.032025	0.0160198	0.0167728	0.0321789	
381	0.0161673	0.0164487	0.0161001	0.0154222	0.0155332	0.0170683	0.0159967	0.0159937	0.0154247	0.0161781	
382	0.0156545	0.0161464	0.0158741	0.0159571	0.0155369	0.0160462	0.0160378	0.0148947	0.0163027	0.015703	
383	0.0160691	0.0153169	0.0320443	0.0160387	0.0170325	0.0156697	0.0161353	0.0167691	0.0152948	0.0158931	
384	0.0159772	0.0158202	0.0168709	0.0165723	0.015903	0.016238	0.0164133	0.0163279	0.0168195	0.0161698	
385	0.015653	0.0168832	0.014955	0.0148769	0.0153495	0.0159118	0.0158312	0.0156421	0.0156603	0.0169243	
386	0.0160669	0.0159826	0.0161067	0.0159947	0.0167442	0.0160711	0.0165762	0.0161853	0.0164537	0.0149676	
387	0.015941	0.0154287	0.0160395	0.016047	0.0154366	0.0153552	0.0158531	0.016203	0.0156365	0.0169894	
388	0.0157541	0.0165992	0.016726	0.0163022	0.0166714	0.0166986	0.0160947	0.0155696	0.0163661	0.0160575	
389	0.016085	0.0151939	0.0152014	0.0320355	0.0150322	0.0159433	0.0160526	0.0156364	0.0160258	0.0148816	
390	0.0323687	0.0167902	0.0165937	0.0155348	0.0161264	0.0152837	0.0159989	0.01579	0.0153564	0.0160492	
391	0.0160698	0.0160192	0.0155537	0.0163833	0.0157306	0.0162772	0.0149684	0.0169741	0.0166141	0.0169901	
392	0.0165268	0.0156138	0.0166466	0.0318359	0.0162818	0.0160472	0.0168665	0.0160101	0.0160836	0.0148563	
393	0.0161041	0.0153266	0.0152827	0.015805	0.0160414	0.0164997	0.0155877	0.0159985	0.015932	0.0167675	
394	0.0154315	0.0159983	0.016844	0.0161009	0.0166584	0.0159711	0.0165076	0.0152689	0.0149143	0.0162443	
395	0.0156205	0.016007	0.0153057	0.0167584	0.0159995	0.0152776	0.0156298	0.0157323	0.0171379	0.0150892	
396	0.016189	0.0167952	0.0166434	0.0153773	0.0157556	0.0166583	0.0160445	0.016356	0.0158341	0.0166927	
397	0.0167767	0.0162671	0.0153534	0.0165105	0.0162551	0.0158383	0.015438	0.0161792	0.0161378	0.015451	
398	0.0160148	0.0159474	0.0165677	0.016167	0.0156285	0.016194	0.0163141	0.0165606	0.0159256	0.0164536	
399	0.0150434	0.0152994	0.0157445	0.0153052	0.0163945	0.0153768	0.0160717	0.0151542	0.0160302	0.0158727	
400	0.0162198	0.0163406	0.0162683	0.0167985	0.0159888	0.0166228	0.0155888	0.0167555	0.0154575	0.0158269	
401	0.0166561	0.0153419	0.0160611	0.0150845	0.0159845	0.0153527	0.0161167	0.015255	0.0166091	0.0157841	
402	0.0158926	0.0160416	0.0160438	0.0325181	0.0159957	0.0166186	0.0157271	0.0167409	0.015997	0.0159985	
403	0.0151658	0.016031	0.015843	0.0155224	0.0152478	0.016058	0.016026	0.0159856	0.0149493	0.0329971	
404	0.0165453	0.015943	0.0154222	0.0158479	0.0159015	0.0159748	0.0320586	0.0160006	0.0161308	0.0153829	
405	0.0153191	0.0159955	0.0163244	0.0327211	0.0168698	0.0158796	0.0166534	0.0150475	0.0168853	0.0161809	
406	0.0160227	0.0161268	0.0159339	0.0161013	0.0159791	0.0152289	0.0160836	0.0169845	0.0153345	0.0153955	
407	0.0166117	0.0158616	0.0160056	0.0161904	0.0152691	0.0159272	0.0162698	0.0160239	0.0164115	0.0166357	
408	0.0153482	0.0160402	0.0163737	0.0153069	0.0159258	0.0158601	0.0151795	0.0152608	0.0157668	0.0154191	
409	0.0163647	0.0159503	0.0160097	0.0161453	0.016748	0.0166609	0.0168389	0.0165306	0.0161565	0.0170363	
410	0.0157336	0.0163747	0.0155249	0.0163122	0.0153566	0.0160498	0.0160756	0.0153108	0.0163191	0.0151746	
411	0.0328094	0.0163383	0.0156837	0.0157987	0.0163603	0.0152824	0.0153264	0.0168871	0.0160403	0.0167313	
412	0.0152657	0.0164112	0.0167198	0.0159535	0.0154143	0.0170723	0.0162188	0.015544	0.0156395	0.0152528	
413	0.0159403	0.0149799	0.0161693	0.0165641	0.01695	0.0149486	0.0164146	0.01613	0.0162532	0.0167834	
414	0.016625	0.0170789	0.015742	0.0157686	0.0159181	0.0166669	0.0159538	0.0162465	0.0160647	0.0154455	
415	0.0158009	0.0158679	0.0160945	0.0154303	0.0160575	0.0159049	0.015791	0.0159812	0.0157512	0.0156771	
416	0.0154738	0.0154562	0.0158432	0.0158117	0.0160062	0.0160193	0.0161966	0.0156202	0.0155955	0.0158652	
417	0.0160675	0.015509	0.016118	0.016906	0.015921	0.0165235	0.015801	0.0164436	0.0167212	0.0168454	
418	0.0159548	0.0170406	0.0156469	0.0154186	0.0154436	0.0158863	0.0159348	0.0149224	0.0149085	0.0153691	
419	0.0171308	0.0154638	0.0166395	0.0162853	0.0165096	0.0160493	0.0156836	0.0170778	0.017053	0.0162277	
420	0.0158579	0.0163736	0.0158256	0.0156675	0.0161433	0.0161236	0.0162035	0.014916	0.0159544	0.0160822	
421	0.016113	0.0161707	0.015169	0.0157595	0.0159812	0.0157161	0.015854	0.0160632	0.0159546	0.0154208	
422	0.015096	0.0149749	0.0168404	0.0159721	0.0159897	0.0159571	0.0160582	0.0170563	0.0160922	0.0330613	
423	0.0159994	0.0170928	0.0160526	0.0165351	0.0160126	0.0161718	0.0158632	0.0159318	0.0159394	0.0156164	
424	0.0161618	0.0160715	0.0153949	0.0165186	0.0160022	0.0152094	0.0157726	0.0152038	0.0159856	0.0162401	
425	0.0165822	0.0148643	0.0158639	0.0152815	0.0158443	0.0167072	0.0161122	0.0157289	0.015156	0.0151514	
426	0.0159998	0.0164351	0.0162441	0.0157603	0.0161008	0.0160098	0.0157561	0.0171553	0.0162594	0.0159774	
427	0.016021	0.0156055	0.0155409	0.0169399	0.0160449	0.0150225	0.015966	0.0159541	0.0166822	0.016384	
428	0.0152051	0.0169435	0.0161845	0.0150884	0.0158415	0.0160753	0.0158324	0.0159807	0.015309	0.015495	
429	0.0165163	0.0159944	0.015879	0.0163419	0.0161446	0.0170764	0.0324929	0.0159052	0.0163437	0.0170436	
430	0.0166667	0.0152008	0.0169285	0.0164315	0.0155843	0.0153042	0.0166085	0.0154706	0.0155392	0.0152022	
431	0.0158224	0.0157917	0.0154608	0.0155668	0.015495	0.0166848	0.0157497	0.0165415	0.0168064	0.0157696	
432	0.0164648	0.0161677	0.0165358	0.0159487	0.0159741	0.0154277	0.0161016	0.0159732	0.0156946	0.0167405	
433	0.0166869	0.0168293	0.0159678	0.0164778	0.0166845	0.0165924	0.016133	0.0160474	0.0158681	0.0162837	
434	0.0150558	0.0152202	0.0158032	0.0150751	0.0158978	0.0158986	0.0161433	0.0152717	0.0163565	0.0157299	
435	0.0160999	0.0168448	0.0161021	0.0171184	0.0159849	0.0152444	0.015984	0.0167937	0.0160854	0.0153872	
436	0.0168269	0.0152833	0.015296	0.0159846	0.0160042	0.0161244	0.0149804	0.0154148	0.0149702	0.0170093	
437	0.0153542	0.0157633	0.0167181	0.0155545	0.0156164	0.0158344	0.0168802	0.0163542	0.0166317	0.0159703	

438	0.0157228	0.0158993	0.0152025	0.016411	0.0167927	0.0168899	0.0161008	0.0158765	0.0155805	0.0160044
439	0.0169512	0.0172224	0.0168906	0.0160134	0.0159974	0.0160153	0.0151041	0.016351	0.0166301	0.0149603
440	0.0157825	0.0148483	0.0158127	0.0160547	0.0155022	0.0159522	0.0168942	0.015151	0.015996	0.0169266
441	0.0152247	0.0169202	0.0152807	0.0158832	0.0161893	0.015991	0.0158582	0.0160117	0.0158807	0.0160483
442	0.016841	0.0150543	0.0168938	0.0160636	0.0156961	0.0157832	0.0161174	0.0157943	0.0159573	0.0150995
443	0.0159672	0.0164075	0.015872	0.0159936	0.0158969	0.0162576	0.0155597	0.0170646	0.0163005	0.0160157
444	0.0151569	0.0165105	0.0160331	0.0159189	0.0164962	0.0159606	0.0159849	0.0148916	0.0160417	0.0158146
445	0.016449	0.015443	0.0160606	0.0161258	0.0161913	0.0160052	0.0158095	0.0164514	0.0151013	0.0161214
446	0.0164328	0.016	0.0159526	0.0160103	0.0161739	0.0160412	0.0160293	0.0162056	0.016758	0.0163484
447	0.0151665	0.0162325	0.0159226	0.0148137	0.0157211	0.0155682	0.0155971	0.0155039	0.0155413	0.015901
448	0.016273	0.0165005	0.0161728	0.0171438	0.0152511	0.0162682	0.0159631	0.0159056	0.0165186	0.0160266
449	0.0165672	0.01593	0.0150684	0.0152247	0.0169853	0.0161236	0.0160825	0.0170052	0.0152534	0.0157655
450	0.015664	0.0150282	0.0160455	0.0168042	0.0159427	0.016005	0.0159257	0.016026	0.0168	0.0160244
451	0.016324	0.0169763	0.0161929	0.0159588	0.0154817	0.0159018	0.0161517	0.0149322	0.0154903	0.0318786
452	0.0150376	0.0160611	0.015866	0.015972	0.0166494	0.0160863	0.0323732	0.0163476	0.0165411	0.0166314
453	0.0168244	0.0152	0.0159451	0.0157961	0.0159806	0.0148559	0.0164618	0.0160835	0.0156448	0.0156404
454	0.0151967	0.0158719	0.0165778	0.0162713	0.0148713	0.0169696	0.0153512	0.0166361	0.0157922	0.016711
455	0.0163939	0.0158313	0.0153618	0.0158313	0.0161474	0.0161803	0.0159592	0.015208	0.0155217	0.0155173
456	0.0155321	0.0159419	0.016588	0.0161615	0.0168755	0.0160472	0.0165252	0.0162219	0.0164003	0.0166008
457	0.017007	0.0167555	0.0159141	0.0152175	0.0160514	0.0154202	0.0162338	0.0165266	0.0165864	0.0160098
458	0.0472524	0.015932	0.0163412	0.0162297	0.0158467	0.0162313	0.0160426	0.015527	0.0160127	0.0150513
459	0.016799	0.0154259	0.0160351	0.0157058	0.0150509	0.0162215	0.0160195	0.0158178	0.0151481	0.0159995
460	0.0152857	0.016687	0.0151967	0.0160769	0.0159947	0.0160606	0.0158216	0.0166848	0.0164582	0.0169072
461	0.0163207	0.0163808	0.0167979	0.0156018	0.0321745	0.0160152	0.0160559	0.0160308	0.0162377	0.0160069
462	0.0153525	0.0153136	0.0151919	0.017022	0.0168034	0.0148924	0.0150455	0.0149445	0.0157917	0.0159868
463	0.0171428	0.0156793	0.0168955	0.0159595	0.0157521	0.0165144	0.016618	0.0167029	0.0153065	0.0160245
464	0.0158454	0.017044	0.0150258	0.047007	0.0162792	0.0161459	0.0157843	0.0160568	0.016102	0.0159177
465	0.0162363	0.0148076	0.0162014	0.0161722	0.0151327	0.0156431	0.016563	0.0158863	0.0165016	0.015697
466	0.0158371	0.0163633	0.0169325	0.048903	0.0163851	0.016692	0.0151177	0.0164047	0.0164048	0.015478
467	0.0159462	0.0157779	0.0158535	0.0160947	0.0162425	0.0156046	0.0166274	0.015757	0.0160338	0.0166263
468	0.0160427	0.0169107	0.0159186	0.0159855	0.016039	0.0157434	0.015553	0.0158975	0.014957	0.0157947
469	0.0150783	0.0159578	0.0162048	0.0153294	0.0152393	0.0158631	0.0162731	0.0154997	0.0169334	0.0160364
470	0.0162522	0.0161547	0.0158957	0.0166651	0.0159687	0.016952	0.0157991	0.0167292	0.0160397	0.0158272
471	0.0161274	0.0158583	0.0150677	0.0148634	0.01607	0.0158824	0.0157236	0.015747	0.0160319	0.015817
472	0.0156972	0.0154816	0.0171054	0.0163208	0.0160546	0.0158714	0.0162614	0.0153017	0.0158929	0.0161011
473	0.0158878	0.0155985	0.0150114	0.0167913	0.0168436	0.0161972	0.0157487	0.0161326	0.0161522	0.0158736
474	0.0161221	0.017004	0.0169646	0.0155312	0.0154675	0.0158834	0.0158652	0.0158575	0.0152629	0.0158119
475	0.0158964	0.0157006	0.015151	0.0163006	0.015713	0.0161362	0.0160699	0.0160673	0.0155855	0.0159352
476	0.0167304	0.0163103	0.0168396	0.0161101	0.0161123	0.0159259	0.0326173	0.0168903	0.0171203	0.0321066
477	0.01616	0.0160586	0.0149373	0.0161218	0.0167222	0.0149032	0.0162527	0.0161246	0.0150652	0.015916
478	0.0159916	0.0154669	0.0161074	0.0158075	0.015979	0.0171605	0.0159179	0.015917	0.0159665	0.0163166
479	0.0156202	0.0164273	0.0159606	0.0161186	0.015334	0.0149203	0.0158886	0.015974	0.0159262	0.0157196
480	0.0155238	0.0154323	0.0162918	0.0154464	0.01597	0.0169391	0.0163962	0.0160945	0.0165621	0.0170222
481	0.0162369	0.0166568	0.0158752	0.0165923	0.0157819	0.0161817	0.0150421	0.01599	0.0160613	0.0159273
482	0.0160174	0.0158335	0.0167313	0.0159939	0.0169264	0.0159065	0.0168922	0.0159658	0.0160925	0.0161036
483	0.0157741	0.0638798	0.0161315	0.0159899	0.0152121	0.0149234	0.0161074	0.0160361	0.015665	0.0156862
484	0.0160289	0.0163463	0.0157457	0.015992	0.016694	0.0161848	0.0158705	0.0160039	0.0156649	0.0160656
485	0.0159363	0.0152383	0.016139	0.0161088	0.0151181	0.0159579	0.0160425	0.015724	0.0169218	0.0151064
486	0.0165237	0.0167069	0.0149965	0.0149792	0.0169445	0.0168622	0.0159901	0.0161842	0.0155692	0.0170965
487	0.0156532	0.0157463	0.0160395	0.0168376	0.0160312	0.0161785	0.0156575	0.0150427	0.0163614	0.0310925
488	0.0165652	0.0156158	0.0159357	0.0158393	0.0160433	0.0152061	0.0163437	0.0166183	0.0150709	0.0169049
489	0.0151815	0.0163275	0.0169692	0.0151166	0.0159076	0.0156375	0.0159122	0.0164389	0.01599	0.0159655
490	0.0170262	0.0163251	0.0154312	0.016558	0.0160471	0.0170873	0.0157257	0.0157508	0.0162905	0.015428
491	0.0160359	0.0159139	0.0164441	0.0166057	0.0154792	0.0150218	0.0161231	0.0154707	0.0156944	0.0155551
492	0.0158388	0.0160586	0.0155545	0.0156974	0.0158775	0.0169404	0.0154398	0.0164674	0.0164886	0.0161463
493	0.0160795	0.0160111	0.0155584	0.0163014	0.016462	0.0149508	0.0163524	0.0151855	0.0166289	0.0168148
494	0.0161304	0.0151581	0.0163639	0.0158363	0.0158788	0.0164904	0.0159813	0.0159648	0.0160147	0.0151736
495	0.0160248	0.01674	0.0163787	0.0160199	0.015939	0.0166125	0.0156534	0.0171514	0.0160373	0.0166485
496	0.0155381	0.0160321	0.0156816	0.016144	0.0163734	0.0158832	0.0157391	0.015342	0.0150601	0.0156465
497	0.015867	0.0160059	0.0157114	0.0154379	0.0152919	0.0160126	0.0162776	0.016667	0.0169111	0.0162042
498	0.0160233	0.0150067	0.015995	0.0164992	0.0156763	0.0150944	0.0156873	0.0152218	0.0158536	0.0153323
499	0.0165227	0.0159535	0.0160009	0.014936	0.0161954	0.0168985	0.0159922	0.0166972	0.0150168	0.0160248
500	0.0159318	0.0160647	0.0162562	0.0171055	0.0167866	0.0158391	0.0323703	0.0159037	0.0164252	0.0165508

501	0.015945	0.0162486	0.0162508	0.0159221	0.0160667	0.0151178	0.0162398	0.0157772	0.0163733	0.015459	
502	0.01621	0.0167907	0.0162753	0.0159859	0.0156444	0.0171758	0.0161029	0.0157404	0.0156606	0.0167912	
503	0.0148674	0.0149771	0.0158231	0.0149769	0.0163332	0.0157132	0.0164611	0.0166038	0.0155398	0.0156734	
504	0.0168489	0.0167833	0.015503	0.0164541	0.0160058	0.0161905	0.0159624	0.0150679	0.017165	0.0165877	
505	0.0155849	0.0151068	0.0166787	0.0165271	0.0159873	0.0149783	0.0151301	0.0170254	0.0155809	0.0159934	
506	0.0165074	0.0169875	0.0157742	0.0160315	0.0150945	0.0170859	0.0168781	0.0159582	0.0154063	0.0160183	
507	0.0159506	0.0155177	0.0164875	0.0160708	0.0168948	0.0160093	0.0159756	0.0160049	0.0166377	0.0158657	
508	0.0153554	0.0166405	0.0148811	0.016077	0.0153325	0.0156258	0.015932	0.0154703	0.0160264	0.0155075	
509	0.0162808	0.015008	0.0159662	0.0157193	0.0159355	0.0152963	0.0161046	0.0163723	0.0158631	0.0154515	
510	0.0165744	0.0160721	0.0160365	0.0161061	0.016764	0.0163271	0.0159819	0.0155113	0.0154776	0.0165747	
511	0.0159558	0.0160268	0.0170245	0.016046	0.0155041	0.0167224	0.0159876	0.0158565	0.0320304	0.0164376	
512	0.0153748	0.0167846	0.0151893	0.0160563	0.0163074	0.0160347	0.0152164	0.0161178	0.0162546	0.0160032	
513	0.0165972	0.0150201	0.0158292	0.0159949	0.0161938	0.0159762	0.0165769	0.0163884	0.0165819	0.015012	
514	0.0152111	0.0170738	0.0170261	0.0159316	0.0153051	0.0150326	0.0160279	0.0152719	0.0160784	0.0161013	
515	0.0168221	0.015953	0.0159291	0.0153539	0.0166511	0.016196	0.0151014	0.0161574	0.0160651	0.016151	
516	0.0160153	0.0153732	0.016105	0.0167313	0.015258	0.0166191	0.0167248	0.0163828	0.0159572	0.0158287	
517	0.016012	0.0166733	0.015692	0.0157589	0.0160969	0.0162265	0.0158492	0.0163764	0.0160437	0.0481057	
518	0.0159634	0.016021	0.0162857	0.0151343	0.01651	0.0159305	0.015962	0.0161232	0.0158836	0.0164986	
519	0.0160059	0.0152417	0.0158696	0.0161163	0.0156259	0.0159924	0.0154602	0.0156295	0.0160264	0.0313149	
520	0.0158512	0.0167077	0.0160003	0.0160983	0.0161908	0.0149678	0.0164164	0.01526	0.0160926	0.0166484	
521	0.0158562	0.0160279	0.015646	0.0159044	0.0163343	0.0169909	0.0155919	0.0167749	0.016003	0.016334	
522	0.0155274	0.0157208	0.0157969	0.0161783	0.0152562	0.0157031	0.0161331	0.0153028	0.0157389	0.0152828	
523	0.0156244	0.0157106	0.0157291	0.0156808	0.0168435	0.0152688	0.0158727	0.0170086	0.0155382	0.0161643	
524	0.0160856	0.0165895	0.0169062	0.0170055	0.0159376	0.0170747	0.015893	0.0160781	0.0159937	0.015763	
525	0.0170097	0.0159332	0.0153096	0.0158631	0.0159718	0.0158633	0.0322263	0.0158679	0.016648	0.0168459	
526	0.0158878	0.0160174	0.0157646	0.0161084	0.0160311	0.0161234	0.0165639	0.0160266	0.0160306	0.0160061	
527	0.0161457	0.0149208	0.016748	0.0151757	0.0159759	0.016068	0.0157006	0.015874	0.0154827	0.0159888	
528	0.0150369	0.0169926	0.0156833	0.0163551	0.0159128	0.0159825	0.0167247	0.0161449	0.0157023	0.0159976	
529	0.0158204	0.0150855	0.0155866	0.015683	0.0160835	0.0160516	0.0160062	0.0159948	0.0168354	0.0160949	
530	0.0170361	0.0169944	0.0165947	0.0169903	0.0151659	0.0158192	0.0160195	0.0149126	0.0153443	0.0158715	
531	0.0151662	0.0160141	0.016204	0.0149958	0.0161547	0.0479652	0.0160148	0.0159506	0.0162969	0.0159856	
532	0.0165635	0.0152191	0.0161652	0.0168499	0.0160709	0.0161783	0.0152796	0.0170593	0.0163547	0.016014	
533	0.0155816	0.0160165	0.0151498	0.0161442	0.0164956	0.0149737	0.0166864	0.016044	0.015947	0.0159993	
534	0.0158893	0.0320766	0.0168507	0.0150323	0.0152405	0.0159754	0.0159619	0.0158476	0.0154746	0.0160034	
535	0.0163258	0.0165486	0.0156863	0.0169374	0.0168916	0.0170631	0.0156841	0.0156676	0.016604	0.0159233	
536	0.0155772	0.0157994	0.0157116	0.0158401	0.0152352	0.0150096	0.0162792	0.0163755	0.0158072	0.0160663	
537	0.0164441	0.0161745	0.0158968	0.01527	0.0159291	0.0168627	0.0154672	0.0155931	0.0150563	0.0157339	
538	0.0158635	0.0161242	0.0165643	0.0168107	0.0168327	0.0160143	0.0163246	0.0160202	0.0169207	0.0159348	
539	0.0166754	0.0151223	0.0159795	0.0151795	0.0155933	0.0150288	0.0153417	0.0159453	0.0310158	0.015818	
540	0.0160214	0.016796	0.0160998	0.01597	0.016389	0.015915	0.015829	0.015557	0.0489922	0.0163052	
541	0.0159959	0.0149797	0.0155601	0.0168533	0.0160083	0.0171721	0.0164343	0.0160315	0.015749	0.0155457	
542	0.0159962	0.0163464	0.0164697	0.0155807	0.0159575	0.0153621	0.0161034	0.0478246	0.0478984	0.0160886	
543	0.0149114	0.015985	0.0159356	0.015387	0.0160503	0.0166352	0.015786	0.0160451	0.0163648	0.0159261	
544	0.0170851	0.0167808	0.0160986	0.0161312	0.0159983	0.0159783	0.0160628	0.0160135	0.0156289	0.0166609	
545	0.0153678	0.0159345	0.0159469	0.0159005	0.0160486	0.0157548	0.0156442	0.0165419	0.0157362	0.0312874	
546	0.016583	0.0159004	0.0160392	0.0161415	0.0160434	0.0162217	0.0159883	0.0161938	0.0160955	0.0477822	
547	0.0157481	0.0152708	0.0148668	0.016171	0.0158802	0.0150801	0.0161001	0.0162356	0.0156872	0.0170948	
548	0.0156642	0.01684	0.0171538	0.0167696	0.0160304	0.0160967	0.0321604	0.0160105	0.016152	0.0148091	
549	0.0156282	0.0155016	0.0150565	0.0149099	0.0149515	0.0167949	0.0166969	0.0150854	0.0158791	0.0164248	
550	0.015868	0.0165506	0.0158483	0.0162378	0.0170493	0.0151962	0.015019	0.0165482	0.0162763	0.0165737	
551	0.0169193	0.0160152	0.016093	0.015794	0.0151103	0.0168543	0.016663	0.016312	0.0162658	0.0160159	
552	0.0155756	0.0153417	0.0158068	0.0167173	0.016717	0.0159482	0.016441	0.0154813	0.0313715	0.0154598	
553	0.0155454	0.0155502	0.0160431	0.0154252	0.015207	0.015044	0.0149861	0.0166168	0.0161999	0.0155759	
554	0.0171162	0.0161266	0.0165352	0.0169814	0.0169166	0.0170068	0.0169611	0.0158694	0.0322026	0.0160531	
555	0.0149184	0.0162429	0.0162151	0.0159935	0.0152325	0.0149522	0.0159783	0.0160885	0.0156829	0.0159205	
556	0.016581	0.0163375	0.0154899	0.0158161	0.0159403	0.0167692	0.0160568	0.0161288	0.0167325	0.0160093	
557	0.0153733	0.0154111	0.0157715	0.0161063	0.0165667	0.0162382	0.014967	0.0158945	0.0162015	0.0164961	
558	0.0168417	0.0163789	0.0170883	0.0158814	0.0162087	0.015965	0.0159173	0.0157578	0.0160107	0.015539	
559	0.015363	0.0161221	0.016046	0.01605	0.0157085	0.0161138	0.0167059	0.0153177	0.0160455	0.0163839	
560	0.0168084	0.0165055	0.0159566	0.0153459	0.0163825	0.0158342	0.0153742	0.0164255	0.0154875	0.0156099	
561	0.0159238	0.015087	0.0160978	0.016773	0.0161168	0.0157604	0.0165399	0.01625	0.0165417	0.0165754	
562	0.0161964	0.0160347	0.0149047	0.0149422	0.0160724	0.0153519	0.0162017	0.0159282	0.0153392	0.0154887	
563	0.0148952	0.0167858	0.0159583	0.0170585	0.0151956	0.0169764	0.0155344	0.0153991	0.0166158	0.0166332	

564	0.0162896	0.0159962	0.0160827	0.0156616	0.0157053	0.0149012	0.0156202	0.0169296	0.0154548	0.0159947
565	0.0167982	0.015965	0.0160776	0.0162386	0.0165874	0.0171165	0.0165472	0.0160737	0.0165454	0.0153158
566	0.0155598	0.0161402	0.016722	0.0151459	0.0159082	0.0159528	0.0160562	0.0149631	0.0160437	0.0162733
567	0.0163186	0.0156828	0.016045	0.0168755	0.0161478	0.0160319	0.0153979	0.0164431	0.0159731	0.0164458
568	0.0160889	0.0157303	0.0153177	0.0149339	0.016215	0.0149522	0.0163765	0.0157227	0.0159085	0.0160579
569	0.0148733	0.0165575	0.0162319	0.0171075	0.0161088	0.017045	0.0159899	0.01602	0.0159183	0.0158537
570	0.0160266	0.0155251	0.0162142	0.0153259	0.0159385	0.0158957	0.0156303	0.016692	0.0150569	0.0163234
571	0.0171272	0.0163296	0.0157818	0.0159616	0.0161058	0.0160149	0.0160357	0.0161698	0.0169853	0.0157609
572	0.0152853	0.0161429	0.0159865	0.016628	0.0159774	0.0158316	0.0319873	0.0149756	0.0150121	0.0152299
573	0.0158717	0.0155835	0.0158343	0.0160792	0.0160531	0.0163264	0.0162158	0.0170686	0.0169889	0.0160477
574	0.0164714	0.0153591	0.0160104	0.0150088	0.0157208	0.0151177	0.016188	0.0153658	0.0158797	0.0160954
575	0.0155071	0.0169349	0.0166571	0.0169692	0.016291	0.0157234	0.0167086	0.0155026	0.0162148	0.0163417
576	0.0166119	0.0160471	0.016116	0.0152069	0.0159921	0.0159705	0.0149369	0.0163029	0.0148774	0.0157853
577	0.0152267	0.0151532	0.0158722	0.0167713	0.015956	0.0165872	0.01704	0.0158464	0.0161433	0.0158369
578	0.0159578	0.0166194	0.0160431	0.015924	0.0150689	0.0165766	0.0159904	0.0169729	0.0166528	0.0158879
579	0.0160068	0.0151982	0.0150999	0.0156719	0.0160302	0.0159562	0.0149052	0.015926	0.0162395	0.0165786
580	0.0159246	0.0165403	0.0167164	0.0163462	0.0160989	0.0151707	0.0170846	0.0150497	0.0160661	0.0165649
581	0.0163538	0.0164407	0.0159887	0.0159587	0.0168566	0.016722	0.0160802	0.0165889	0.0155193	0.0150881
582	0.015722	0.016046	0.0159324	0.0150378	0.0153574	0.0153566	0.0158445	0.0153795	0.0165707	0.0169658
583	0.0162969	0.0150158	0.0156334	0.0160514	0.0164953	0.016781	0.0156481	0.0168233	0.0159527	0.0150742
584	0.0159897	0.0159891	0.0159381	0.0160677	0.0158492	0.0150087	0.0163526	0.0151448	0.0149148	0.0164749
585	0.015839	0.0169816	0.0167915	0.0170135	0.0161604	0.017025	0.0157539	0.0167496	0.017049	0.0152707
586	0.0161291	0.0160954	0.0160152	0.0158839	0.015743	0.0149011	0.0161176	0.0159888	0.0150505	0.0161463
587	0.0157499	0.0150859	0.0158194	0.0159894	0.0162764	0.017035	0.0153871	0.0154423	0.0161451	0.0169671
588	0.0161083	0.0167466	0.0319549	0.0161043	0.0153699	0.0158591	0.0164923	0.0160632	0.0166957	0.0160604
589	0.01599	0.0158229	0.0155303	0.0157536	0.0167722	0.0161216	0.0157291	0.0159822	0.0153167	0.0156256
590	0.0161816	0.0163388	0.0162938	0.0162401	0.0150911	0.0151717	0.0156371	0.0168554	0.0168243	0.0153446
591	0.0156333	0.0160073	0.0163494	0.0155674	0.0168655	0.0168852	0.0163569	0.0149815	0.0160701	0.0159976
592	0.0164582	0.0160047	0.0159796	0.0163986	0.015296	0.0148383	0.0156514	0.0159456	0.0159057	0.0160527
593	0.0157057	0.0152994	0.0159352	0.0158832	0.0165416	0.0160444	0.0160557	0.016205	0.015189	0.0161786
594	0.0160364	0.01558	0.0152229	0.0150485	0.0158881	0.0160344	0.0159579	0.0162719	0.0167039	0.015867
595	0.0163122	0.0164558	0.016884	0.0171176	0.0163338	0.0165941	0.0159087	0.015466	0.0150905	0.0168246
596	0.0164844	0.0166609	0.0160421	0.0149312	0.0151464	0.0314505	0.0322011	0.0160414	0.0160278	0.0150517
597	0.0150042	0.0156384	0.0159959	0.0169888	0.0162781	0.0158369	0.016475	0.0170628	0.0166667	0.0159868
598	0.0164005	0.0164102	0.0147974	0.0157307	0.0164933	0.0164724	0.016075	0.0160499	0.0485354	0.0160386
599	0.0164298	0.015792	0.0169705	0.0162532	0.016019	0.0161892	0.0162276	0.01486	0.016496	0.0159019
600	0.0153937	0.0152575	0.0155141	0.0158212	0.0160079	0.0320279	0.0152094	0.0160111	0.0160576	0.0167292
601	0.0166391	0.0169596	0.0165213	0.0154175	0.0158771	0.0158313	0.0169043	0.0160251	0.0159674	0.0152661
602	0.0152498	0.0149112	0.0150842	0.0168111	0.0161095	0.0155422	0.015984	0.0169649	0.0160395	0.0171285
603	0.0168912	0.0162632	0.0164219	0.0149629	0.0159981	0.0169131	0.0160255	0.0151162	0.0159828	0.0159289
604	0.0152375	0.0162441	0.0162906	0.0171062	0.0148984	0.0152	0.0151432	0.0167212	0.0159007	0.0160458
605	0.0162106	0.0165558	0.0153201	0.0159578	0.0159912	0.0165221	0.0168606	0.0154626	0.0161219	0.0159009
606	0.0156264	0.0150361	0.0171268	0.0160033	0.0161627	0.0153758	0.0159714	0.0160888	0.0159608	0.0161203
607	0.0163541	0.0169963	0.0158785	0.0160227	0.0169977	0.0163077	0.0155611	0.015746	0.0160617	0.0149253
608	0.015619	0.0150866	0.0154407	0.0160394	0.0149469	0.016641	0.0163443	0.0158936	0.0159291	0.0169907
609	0.0164285	0.0168951	0.0166863	0.0159347	0.0169053	0.0314755	0.0150004	0.0162628	0.0160663	0.0160813
610	0.0155891	0.0160422	0.0151717	0.015934	0.0160324	0.0158294	0.0169657	0.0168058	0.0160112	0.0153869
611	0.0159725	0.0155088	0.0157362	0.0160647	0.0158473	0.0156835	0.015874	0.0155923	0.0158629	0.0165857
612	0.0159793	0.0164461	0.0161485	0.0157728	0.0162385	0.0162953	0.0157078	0.016419	0.0159939	0.0148455
613	0.0160428	0.0159921	0.0167393	0.0152031	0.0159251	0.016785	0.0159552	0.0150722	0.0150691	0.0171996
614	0.0159349	0.0158503	0.0151844	0.0170313	0.0152233	0.0154483	0.0161062	0.0167738	0.0169064	0.0155323
615	0.0159797	0.0161197	0.0160061	0.0160011	0.0168561	0.0166152	0.0156795	0.0161163	0.0161163	0.0153096
616	0.0160842	0.0160055	0.0169257	0.0160598	0.0159515	0.0150532	0.0159682	0.0156226	0.0159469	0.0161685
617	0.0161184	0.0160287	0.0160037	0.0160231	0.015423	0.0167874	0.0160543	0.0158124	0.0160528	0.0164006
618	0.0161325	0.0157733	0.0158959	0.0154041	0.0164658	0.0159295	0.0156425	0.0156624	0.0157512	0.0154567
619	0.0160216	0.0161881	0.0159456	0.0165242	0.015856	0.0160897	0.0324696	0.0160237	0.0156869	0.0169587
620	0.0156611	0.0160512	0.0152616	0.0154485	0.0162423	0.0162276	0.0165048	0.0169508	0.0160701	0.0151336
621	0.016102	0.015062	0.0169023	0.0160641	0.0157608	0.0158319	0.0160824	0.0149195	0.0165408	0.016861
622	0.0160979	0.0169121	0.015292	0.0164829	0.0162839	0.016076	0.0158522	0.0170347	0.0152944	0.0151086
623	0.0163743	0.0159797	0.0319343	0.0150873	0.0153231	0.0149816	0.0162292	0.0159956	0.0163349	0.0159188
624	0.015507	0.0148729	0.0157535	0.0169137	0.016698	0.0170404	0.0153879	0.0152885	0.0163238	0.0164504
625	0.015956	0.0170169	0.0170563	0.0154241	0.0159542	0.0159829	0.0166583	0.0167608	0.0156042	0.0165554
626	0.0168047	0.0160172	0.0151429	0.0164991	0.0159541	0.0160482	0.0149198	0.0159301	0.0157615	0.0161562

627	0.0154021	0.0150354	0.0165419	0.0160709	0.0160021	0.0159557	0.0170174	0.0149346	0.0165187	0.0160129
628	0.0159476	0.0162245	0.0159272	0.0159063	0.0159162	0.0148796	0.0160277	0.0169414	0.0157822	0.014818
629	0.0158636	0.0157405	0.015635	0.015643	0.0149963	0.0169814	0.0149083	0.0150379	0.0163778	0.0170785
630	0.0169352	0.0159729	0.0161255	0.0163679	0.016194	0.0152345	0.0170934	0.0167224	0.0160003	0.0154817
631	0.015236	0.0167534	0.0156326	0.0160726	0.0158674	0.0165247	0.015812	0.0163932	0.0160129	0.0165239
632	0.016389	0.0163998	0.0169477	0.0160922	0.0169899	0.0163613	0.0153799	0.0156852	0.0159938	0.0149764
633	0.0155702	0.0159998	0.0159735	0.0159541	0.0153654	0.0160776	0.0160522	0.0162317	0.0159175	0.0170408
634	0.0158772	0.0153402	0.0160253	0.0150279	0.0164942	0.0159928	0.0161231	0.0161285	0.0160941	0.0159771
635	0.0159917	0.0166235	0.0160498	0.016923	0.0156013	0.0151909	0.0158689	0.0151548	0.0159559	0.0151758
636	0.0160912	0.0157206	0.015928	0.0150064	0.0166478	0.0157069	0.0162744	0.0165103	0.0151426	0.0160802
637	0.0163748	0.0162125	0.0160113	0.017029	0.0153887	0.0164464	0.0158937	0.0162286	0.0168485	0.0168198
638	0.0160032	0.0158038	0.0153477	0.0155173	0.0165882	0.0166342	0.0158391	0.0154844	0.0160168	0.0157004
639	0.0155842	0.0156818	0.0156156	0.0164942	0.0148864	0.0159943	0.0158921	0.0165795	0.0152969	0.0158338
640	0.0169172	0.0165867	0.0170821	0.0152693	0.0171191	0.0159221	0.0161234	0.0160039	0.0166765	0.0157979
641	0.015032	0.0160261	0.0152471	0.0320263	0.0152723	0.0161353	0.0157409	0.0158914	0.014883	0.016574
642	0.0160079	0.0151273	0.0165984	0.0155309	0.016076	0.0156773	0.0158941	0.0156616	0.0162116	0.0149585
643	0.0162042	0.0168528	0.0161507	0.0159741	0.0164821	0.016305	0.0159448	0.0163461	0.0162577	0.0159837
644	0.0165384	0.0152051	0.015897	0.0166197	0.0162229	0.0159257	0.0321306	0.0157018	0.0155692	0.0170768
645	0.0152751	0.0157584	0.0160751	0.0154364	0.0150217	0.0157603	0.0168036	0.016477	0.0161229	0.0150286
646	0.0164638	0.0167113	0.015911	0.0162939	0.016964	0.0162407	0.0150652	0.015939	0.0159373	0.0170384
647	0.0164574	0.0163396	0.0151951	0.0168503	0.015909	0.01604	0.0169897	0.0159791	0.0160164	0.0156637
648	0.0151118	0.0151489	0.0157732	0.015219	0.0158301	0.0158938	0.0152804	0.0149262	0.0166387	0.0158902
649	0.0159445	0.0168159	0.0161889	0.0167484	0.0162087	0.0156573	0.0162866	0.0170114	0.0154309	0.0164563
650	0.0169957	0.0149761	0.0159587	0.0160102	0.0159817	0.0164693	0.0165915	0.0160307	0.0159203	0.0159991
651	0.0159868	0.017	0.0161414	0.0160315	0.0160387	0.0159675	0.0160202	0.0159392	0.0168698	0.0157489
652	0.0151751	0.0155753	0.0167547	0.0158328	0.0159693	0.0148984	0.0158688	0.0150215	0.0160768	0.0162167
653	0.0163642	0.0158796	0.0156329	0.0161141	0.0159933	0.016399	0.0161426	0.0169945	0.0154224	0.0153855
654	0.0158898	0.0155278	0.0163719	0.0160458	0.0156639	0.0165571	0.015235	0.0159417	0.016508	0.0165028
655	0.0165652	0.0171044	0.0160745	0.0149031	0.016402	0.0150444	0.0166863	0.0150841	0.0159819	0.0161259
656	0.0151024	0.0151344	0.0151932	0.0166298	0.0148501	0.0163536	0.0159521	0.0170503	0.0150415	0.0160056
657	0.015978	0.0162829	0.0168601	0.0162949	0.0160383	0.0645959	0.0158523	0.0160224	0.0321382	0.0159063
658	0.0159425	0.0164891	0.0148326	0.0153963	0.017112	0.0480536	0.015646	0.0159151	0.0318731	0.0149634
659	0.0161869	0.0160003	0.0160836	0.0157317	0.0160064	0.0159417	0.0162521	0.0160857	0.0171699	0.0159952
660	0.0167663	0.0159606	0.0170364	0.0170328	0.0158466	0.0151456	0.0159487	0.0160256	0.0160202	0.0159997
661	0.0157432	0.0160513	0.0151202	0.0158662	0.0161448	0.0166928	0.0159079	0.0154985	0.0148586	0.0319603
662	0.0152499	0.0160351	0.016142	0.0161227	0.0152754	0.0159031	0.0158438	0.0154266	0.0170853	0.0170303
663	0.0171456	0.0159205	0.0166982	0.0160278	0.0167278	0.0163535	0.0157492	0.0161621	0.0149128	0.0158665
664	0.0157682	0.0160651	0.0160411	0.0157059	0.0151167	0.0155528	0.0157873	0.015755	0.0160221	0.0154944
665	0.0162324	0.0159966	0.0159039	0.0161584	0.0157303	0.0158675	0.0161691	0.0170929	0.0163808	0.015783
666	0.0160464	0.0153478	0.01586	0.0153151	0.01715	0.0154951	0.0160048	0.015206	0.0164092	0.0159894
667	0.0158536	0.0167248	0.0162343	0.0165173	0.0153645	0.0160903	0.0320773	0.0158681	0.015208	0.0169881
668	0.0151737	0.014952	0.0151603	0.015895	0.0164674	0.0171227	0.0159224	0.0165821	0.01704	0.0151464
669	0.0168074	0.0169006	0.0161158	0.0156324	0.0157242	0.0156636	0.0167987	0.0162473	0.0159488	0.01673
670	0.0156786	0.0160897	0.0158359	0.0162397	0.0163782	0.0161512	0.0154535	0.0150451	0.01503	0.0157205
671	0.0163628	0.0160319	0.0165764	0.0160389	0.0159969	0.0161243	0.0160942	0.0170629	0.0166567	0.0163731
672	0.0154125	0.015926	0.0163159	0.0154181	0.0151095	0.0160091	0.0165559	0.0158965	0.0152126	0.0160222
673	0.0162415	0.0160699	0.0159439	0.0161611	0.0163048	0.0160138	0.0160258	0.0151013	0.0163206	0.0149706
674	0.0162897	0.0159579	0.0153524	0.0158951	0.016588	0.0159991	0.015965	0.0168757	0.015758	0.0166853
675	0.0160128	0.0149533	0.0160439	0.0164192	0.0160503	0.0159611	0.0155489	0.0149965	0.0161356	0.0163074
676	0.0158368	0.0170211	0.0158636	0.0155918	0.0148355	0.0160212	0.0164566	0.0171336	0.0169901	0.0152578
677	0.0161862	0.0150615	0.016666	0.0170106	0.0164274	0.0152346	0.0149041	0.0152149	0.0159235	0.0167739
678	0.0156992	0.0159139	0.0158396	0.0158791	0.0161865	0.0167816	0.0171118	0.0167857	0.0159461	0.0151296
679	0.0162633	0.0170776	0.0161803	0.0159606	0.015502	0.0160361	0.0151904	0.0153816	0.0149818	0.01681
680	0.0153711	0.0159903	0.0160012	0.0161526	0.0162847	0.0159721	0.0168104	0.0164775	0.0169576	0.015835
681	0.0159733	0.0154528	0.0154216	0.0148442	0.0167903	0.0156489	0.0151212	0.0161437	0.0153753	0.015246
682	0.0161503	0.0164097	0.016645	0.0171569	0.0159337	0.0162843	0.0166109	0.0159856	0.0164358	0.0169547
683	0.0157206	0.0152787	0.0149531	0.0158224	0.0159201	0.0160643	0.0156059	0.0152648	0.0153068	0.0150896
684	0.01602	0.0167813	0.0171652	0.0155236	0.0161091	0.0159413	0.0162919	0.0159678	0.0170411	0.0159452
685	0.0159935	0.0160769	0.015787	0.0163788	0.0160199	0.015028	0.0152667	0.0156894	0.01599	0.0168997
686	0.0167807	0.0159519	0.0160582	0.0156714	0.0160035	0.0167483	0.0163784	0.0165823	0.0151854	0.0161148
687	0.0155263	0.0152241	0.0160469	0.0154282	0.0157101	0.016031	0.0159279	0.0153986	0.0168354	0.01516
688	0.0165682	0.0168532	0.0160511	0.0159801	0.0162511	0.0161062	0.0157465	0.0167408	0.0156888	0.016427
689	0.0159344	0.0159981	0.015123	0.0160425	0.015203	0.016168	0.0161668	0.0158268	0.016182	0.0158312

690	0.0162002	0.0157668	0.0157641	0.0161319	0.0168918	0.0159892	0.0158299	0.0164378	0.0160727	0.0154573
691	0.0147519	0.01626	0.0170725	0.0165656	0.0158466	0.0159839	0.0323972	0.0151612	0.0158042	0.0169498
692	0.0160677	0.0150966	0.0149863	0.0152977	0.0154421	0.0159955	0.0157926	0.0168324	0.015838	0.0155838
693	0.0170277	0.0167515	0.0170067	0.0165403	0.0164543	0.0160118	0.016322	0.01518	0.0163413	0.0160497
694	0.0159781	0.0157358	0.016007	0.0160949	0.0161067	0.0160188	0.0161693	0.0166562	0.0156698	0.0163848
695	0.0159617	0.0156272	0.0149492	0.0157702	0.0153508	0.0159952	0.0161619	0.0153073	0.0163331	0.0156742
696	0.0152906	0.0157018	0.0159143	0.0155408	0.0167365	0.0158578	0.0161183	0.0170006	0.0157085	0.0163016
697	0.0168327	0.0160884	0.0171124	0.0162341	0.0160236	0.0161247	0.0153188	0.0152019	0.0163982	0.0159942
698	0.0159121	0.0169319	0.01607	0.0158927	0.0159631	0.0159307	0.0167932	0.0167528	0.0151687	0.016004
699	0.0160943	0.0148655	0.015993	0.0161757	0.0156531	0.0160715	0.0153181	0.0160094	0.0167643	0.0150407
700	0.0148921	0.016581	0.0158346	0.0157489	0.0163257	0.0155577	0.0166793	0.015724	0.0159592	0.0171611
701	0.0169892	0.0165532	0.0160175	0.0161954	0.0156103	0.0160072	0.0155513	0.0161795	0.0150255	0.0150843
702	0.0151694	0.0160351	0.0160132	0.0167991	0.0164005	0.0160926	0.0162174	0.0161099	0.0170211	0.0163222
703	0.0169652	0.0156316	0.0157041	0.0155315	0.0155315	0.0151484	0.0159448	0.0159985	0.0159676	0.0160667
704	0.0159631	0.0163015	0.0163007	0.0156513	0.0153855	0.0159976	0.0162346	0.0152236	0.0151221	0.0164012
705	0.014932	0.0150109	0.015051	0.0168256	0.0166562	0.0171328	0.0157962	0.0167675	0.0168398	0.015354
706	0.0165323	0.0170962	0.0165665	0.0161319	0.016446	0.0155298	0.016011	0.0159638	0.0151339	0.0167372
707	0.0165495	0.0159665	0.0154689	0.0159438	0.0159913	0.0164988	0.0159382	0.0151003	0.0158035	0.014932
708	0.0158851	0.0153276	0.0169479	0.0149315	0.0160274	0.015025	0.0158562	0.0163597	0.0160921	0.0170387
709	0.0155356	0.0166369	0.0160762	0.0171441	0.0153956	0.0169853	0.0158489	0.0158674	0.0170731	0.0160371
710	0.0154637	0.0152224	0.0156608	0.0159806	0.0163836	0.0153326	0.0159816	0.0164273	0.015953	0.0159781
711	0.0163318	0.0168406	0.0155789	0.0156922	0.015197	0.0166452	0.0157935	0.0158332	0.0156364	0.0157685
712	0.0166713	0.0152971	0.0166256	0.0158027	0.0159203	0.0157565	0.015996	0.0163666	0.0153361	0.0153914
713	0.016144	0.0166489	0.0161129	0.0158824	0.017063	0.015118	0.0157554	0.0152248	0.01696	0.0167232
714	0.0313279	0.015737	0.0159575	0.0158129	0.0158779	0.0168433	0.0323003	0.0168869	0.016072	0.0161413
715	0.0160222	0.015151	0.0151482	0.0162504	0.0150175	0.0161413	0.0158567	0.0159769	0.015108	0.0159957
716	0.0165057	0.0171569	0.0169379	0.0164926	0.0171782	0.0159935	0.0163232	0.0148386	0.0165198	0.0160416
717	0.0160202	0.0159892	0.0150998	0.0160351	0.0152775	0.0150605	0.0164656	0.0171347	0.0164167	0.0159346
718	0.0160987	0.015515	0.0163048	0.0149464	0.0164857	0.0160113	0.015606	0.0153797	0.0148368	0.0160333
719	0.0151083	0.0162525	0.016315	0.0160633	0.0151365	0.0169645	0.0165442	0.0161188	0.0171491	0.0148673
720	0.0167848	0.0161769	0.0163253	0.0168569	0.0170565	0.0151807	0.0150403	0.0154614	0.0159799	0.0168388
721	0.0161372	0.0160599	0.0159065	0.0151333	0.0148737	0.0169547	0.0169404	0.0170618	0.0157172	0.0161956
722	0.01499	0.0149264	0.0149164	0.0159467	0.017052	0.0150612	0.0159834	0.0157605	0.016338	0.0160637
723	0.0166513	0.0162471	0.0171283	0.0166018	0.016098	0.0169106	0.0160141	0.0161562	0.0153466	0.0160323
724	0.016324	0.0168178	0.0159556	0.015984	0.0159355	0.015903	0.0152967	0.0154946	0.0166349	0.015683
725	0.0157354	0.0159562	0.0160411	0.0163568	0.0159533	0.0161709	0.0166973	0.0165285	0.014848	0.0155671
726	0.0161263	0.0149642	0.0151842	0.0161112	0.0160458	0.015958	0.0160045	0.0152614	0.0171128	0.0156828
727	0.0150256	0.0159699	0.0166867	0.0149729	0.0159809	0.0159753	0.0157039	0.0157129	0.0156874	0.0170778
728	0.0171682	0.0171039	0.0157408	0.0170873	0.0160248	0.0154237	0.0161768	0.015963	0.0153396	0.0159455
729	0.0151919	0.0159707	0.0163279	0.0159581	0.0150942	0.0155616	0.0159391	0.0171064	0.0170121	0.0160269
730	0.0160511	0.0150752	0.0149776	0.0160159	0.0157893	0.0170135	0.0158775	0.014893	0.0159464	0.0152361
731	0.016585	0.0168943	0.0167174	0.0159796	0.0171488	0.0149797	0.0160238	0.0160058	0.0155935	0.0167611
732	0.0160003	0.015887	0.0319449	0.0160098	0.0160445	0.0159587	0.0156455	0.0171397	0.0164182	0.0160174
733	0.0154671	0.0161516	0.0158439	0.0149622	0.0157658	0.0163834	0.0160599	0.0148497	0.0160242	0.0160081
734	0.0166471	0.0159821	0.0154045	0.0170053	0.0161751	0.0162753	0.0159357	0.0169801	0.0159415	0.0160251
735	0.014859	0.0160607	0.0160065	0.0160739	0.0149127	0.0163094	0.0158202	0.0160303	0.0161406	0.015931
736	0.0170315	0.0158788	0.0164133	0.0157303	0.0168128	0.0159905	0.0158574	0.0156012	0.0157058	0.0160964
737	0.0156826	0.0157813	0.0166791	0.0152196	0.0155319	0.0158163	0.0159533	0.0157932	0.0155377	0.0159786
738	0.0159627	0.0152797	0.016052	0.0169931	0.0167618	0.0151723	0.0158534	0.0161934	0.0166948	0.0156024
739	0.0164398	0.0170607	0.0160225	0.0154777	0.0155008	0.0170212	0.0160116	0.0165157	0.0149365	0.0163957
740	0.0160815	0.0159717	0.0150457	0.0163713	0.0153614	0.0157238	0.0320552	0.0150786	0.0160514	0.0153898
741	0.0158321	0.0159131	0.0158594	0.0161587	0.0171835	0.0152247	0.0164496	0.016513	0.0166598	0.0156922
742	0.0160384	0.0160942	0.0170572	0.0155271	0.0152267	0.0160737	0.0161835	0.0155326	0.0162749	0.0169043
743	0.0161219	0.0159332	0.0160303	0.0157929	0.016539	0.0169255	0.0164906	0.0164668	0.014919	0.0160142
744	0.0155571	0.0160839	0.0159679	0.0160972	0.0161479	0.0150932	0.0148917	0.0164384	0.0161454	0.0158833
745	0.0163416	0.0157163	0.0150615	0.0158671	0.0160325	0.0162231	0.0170702	0.0149061	0.0162388	0.0160745
746	0.0159641	0.0477529	0.0169419	0.0167102	0.0158878	0.0167966	0.0149502	0.0169293	0.0164184	0.0149929
747	0.0159569	0.0163929	0.0151329	0.0160501	0.0160607	0.0157393	0.0170621	0.0152959	0.0162789	0.0169807
748	0.0160373	0.0160899	0.0157354	0.0158544	0.015508	0.0153502	0.0157811	0.0166987	0.0153377	0.0151277
749	0.0159738	0.0150762	0.0169607	0.0161346	0.0163276	0.0169854	0.0161623	0.0153513	0.0167009	0.0168317
750	0.0151251	0.0318601	0.0151061	0.0150945	0.0162043	0.0158469	0.0160481	0.0166466	0.0160023	0.0149289
751	0.0158481	0.0160564	0.0159331	0.0157145	0.0150903	0.0150554	0.0159182	0.0160242	0.0159793	0.0170424
752	0.0168798	0.0164102	0.0324612	0.0161601	0.0168217	0.0170692	0.0150808	0.0160301	0.0160321	0.0152293

753	0.016134	0.0162521	0.0155101	0.0170446	0.0160226	0.0159808	0.0166589	0.015831	0.0150551	0.0158389
754	0.0156892	0.0157416	0.0170324	0.0160208	0.0160645	0.0152531	0.0153923	0.0162624	0.0169699	0.0159233
755	0.0153369	0.0165627	0.0152075	0.0159791	0.0148616	0.0158118	0.016626	0.0158356	0.0152493	0.0169444
756	0.0163138	0.015733	0.0320984	0.0159823	0.0165185	0.0162381	0.0158055	0.016176	0.0167335	0.0158452
757	0.0159765	0.0163214	0.0158745	0.0160292	0.0166461	0.0156321	0.0158872	0.0158888	0.0149926	0.0153652
758	0.0164272	0.0149445	0.016147	0.0153226	0.0150781	0.0163995	0.0158803	0.0152301	0.0170595	0.0159149
759	0.0163113	0.0165148	0.0158887	0.0160669	0.016861	0.0157679	0.0160483	0.01616	0.015892	0.0159374
760	0.0156233	0.0164632	0.0159823	0.0162468	0.0160621	0.0168906	0.0155657	0.0165616	0.0158802	0.0160506
761	0.0157922	0.0160611	0.0158643	0.0160018	0.0153025	0.0152127	0.0162105	0.0158224	0.0161823	0.0162201
762	0.0166476	0.0160423	0.0164468	0.016386	0.0159801	0.0165387	0.0319845	0.0157738	0.0156874	0.0168351
763	0.0150424	0.0159012	0.0162617	0.0153428	0.0166216	0.0163058	0.0159002	0.0155714	0.0162795	0.0157228
764	0.0167883	0.0153749	0.0157741	0.0156161	0.0151091	0.0159303	0.0163019	0.0168398	0.0159643	0.0162599
765	0.0152253	0.0165702	0.0162781	0.0169514	0.0169816	0.0149891	0.0158129	0.0154129	0.0159763	0.0158681
766	0.0161845	0.016142	0.0159243	0.0157222	0.0159288	0.0169023	0.0168651	0.0167152	0.0157581	0.0161196
767	0.0167619	0.0159219	0.0153081	0.0162669	0.0153928	0.0160661	0.0159638	0.015094	0.0162005	0.0149137
768	0.0149759	0.0160444	0.0167675	0.0159867	0.0163717	0.0153777	0.01601	0.0169943	0.015005	0.0170402
769	0.0169048	0.0152648	0.015158	0.0149209	0.0162954	0.0159821	0.0159916	0.0151567	0.0170829	0.0155309
770	0.0159887	0.0167336	0.0160614	0.0164129	0.0159626	0.0161194	0.0162044	0.015677	0.0160708	0.0161225
771	0.0161293	0.0159998	0.0159688	0.0166694	0.016026	0.0159774	0.0158772	0.0169978	0.0158779	0.0158546
772	0.0158706	0.0151213	0.0161593	0.0156699	0.0155739	0.0161125	0.0154704	0.0153791	0.0160941	0.0157043
773	0.0161274	0.0168922	0.0162669	0.0164728	0.0163986	0.0165131	0.0165447	0.015733	0.0159579	0.0168461
774	0.0160711	0.0160263	0.0155687	0.0158539	0.0159971	0.0160236	0.0155212	0.0169102	0.0149101	0.0159978
775	0.0157532	0.0149193	0.0162925	0.0160068	0.0150392	0.0148403	0.016432	0.0161056	0.0166613	0.0160184
776	0.0160671	0.0170143	0.0161181	0.01605	0.0169754	0.0166655	0.015652	0.0157098	0.0164113	0.0159585
777	0.0159703	0.0160037	0.0167541	0.0154515	0.0148959	0.0158303	0.0161704	0.0154343	0.0159976	0.0159598
778	0.0150063	0.0159204	0.0148353	0.0165189	0.0170858	0.0165149	0.0156207	0.0167886	0.0156308	0.0156871
779	0.0170244	0.015674	0.0170745	0.0155087	0.0160533	0.0161267	0.015758	0.0154033	0.0163801	0.0163299
780	0.0154702	0.0164343	0.0150047	0.0164934	0.015989	0.0160004	0.0163415	0.0166276	0.0160275	0.015047
781	0.0165249	0.0159057	0.0168481	0.0156587	0.015198	0.0154625	0.0158939	0.015132	0.0158477	0.0170118
782	0.0151398	0.0161283	0.0151867	0.0163314	0.0161388	0.0159283	0.0155357	0.0161323	0.0160117	0.0159589
783	0.0167986	0.0159993	0.0163027	0.0155834	0.0167006	0.016589	0.0160709	0.0157571	0.0160051	0.0158877
784	0.0159142	0.0160171	0.0167634	0.016469	0.0159369	0.0159477	0.0159172	0.0158529	0.0160025	0.0161433
785	0.0154875	0.0159811	0.0152066	0.0159585	0.0157036	0.0152626	0.0159974	0.0160077	0.0155099	0.0150326
786	0.0162076	0.0160012	0.0166998	0.015948	0.0158883	0.0167948	0.0330617	0.0165996	0.0162667	0.0169383
787	0.0164386	0.0159468	0.0158269	0.0150495	0.0157984	0.0157956	0.0150546	0.0156508	0.0153705	0.0160823
788	0.0160142	0.0160234	0.016018	0.0169846	0.016567	0.015277	0.0168014	0.0163613	0.0161104	0.0156639
789	0.0161149	0.0159894	0.0158243	0.0160183	0.0150639	0.0159052	0.0160642	0.0153533	0.0168539	0.0163013
790	0.0159635	0.0159604	0.0162009	0.015203	0.0169677	0.0170594	0.0161107	0.0164328	0.0160076	0.0151507
791	0.0157423	0.0159835	0.0160212	0.0156919	0.0158955	0.0157056	0.0159939	0.015901	0.0156643	0.0158159
792	0.0153054	0.01608	0.0157717	0.017105	0.0161568	0.0321728	0.0159381	0.016151	0.0163052	0.0161563
793	0.0169136	0.0149013	0.0159999	0.0150625	0.0158078	0.0153072	0.0160321	0.0155392	0.0154944	0.0166953
794	0.0157328	0.0162434	0.016056	0.0168305	0.0161352	0.0158687	0.0160181	0.0163016	0.0164274	0.0161901
795	0.0160133	0.0157761	0.0161044	0.0153387	0.0161531	0.0169089	0.0155723	0.0157582	0.0160724	0.0159744
796	0.0161915	0.0169123	0.0159053	0.015747	0.0149747	0.0159605	0.0164741	0.0479417	0.0159497	0.0157628
797	0.0151631	0.0161553	0.0157488	0.0168578	0.016905	0.0160335	0.0158526	0.0160829	0.0161299	0.0156519
798	0.0168371	0.0153032	0.0154967	0.0161646	0.0157465	0.015931	0.0161757	0.0166667	0.0159978	0.0164164
799	0.0151911	0.0166097	0.0162921	0.0152052	0.01628	0.0160674	0.0157444	0.0160431	0.0159661	0.0151588
800	0.0168231	0.0159846	0.0163788	0.0166842	0.0159953	0.0150425	0.0160024	0.064194	0.015899	0.0169804
801	0.0156363	0.016087	0.0160828	0.0151562	0.0159569	0.0159984	0.0159513	0.0164197	0.0157513	0.0153736
802	0.0164478	0.015843	0.0157088	0.0168355	0.0159476	0.0170044	0.0159086	0.0153651	0.0163361	0.015708
803	0.0149736	0.0161972	0.0158784	0.0156868	0.0160155	0.0149043	0.0159191	0.016707	0.0159959	0.0169584
804	0.0159421	0.0158341	0.0167366	0.0163113	0.0153209	0.0169167	0.0159399	0.0154487	0.0160322	0.0154564
805	0.0160128	0.0161143	0.0153443	0.0159784	0.0164722	0.0161406	0.0157998	0.0166576	0.0150185	0.0158005
806	0.0161081	0.0155571	0.0166847	0.0156197	0.0162495	0.0160014	0.0156785	0.0152136	0.0169395	0.0159221
807	0.0166254	0.0164536	0.0149893	0.0163878	0.0160519	0.014865	0.0162423	0.0169684	0.0157149	0.0167941
808	0.0154541	0.0159733	0.0168612	0.0150692	0.015831	0.0167573	0.0157257	0.01599	0.0162703	0.0159337
809	0.0169266	0.0160718	0.0161146	0.0171091	0.015136	0.0163894	0.0160762	0.015728	0.0159903	0.0160642
810	0.0158817	0.0159269	0.015989	0.0159594	0.0170047	0.0154857	0.0320167	0.0153432	0.0159931	0.0157526
811	0.016081	0.016109	0.0160295	0.0159969	0.0159759	0.0162891	0.015997	0.0165069	0.0161177	0.0163219
812	0.0160455	0.0159266	0.0158383	0.0153112	0.0153105	0.0157119	0.0158916	0.0155067	0.0153014	0.0154831
813	0.0154953	0.0159691	0.0161807	0.0167351	0.016706	0.0161927	0.0164912	0.0169239	0.0156171	0.0161701
814	0.0164192	0.0156979	0.0158874	0.0151428	0.0156045	0.0159927	0.0163995	0.0159877	0.0168769	0.0153565
815	0.0160872	0.0163216	0.0160518	0.0168337	0.0156687	0.0161978	0.0162045	0.015584	0.0150681	0.0163441

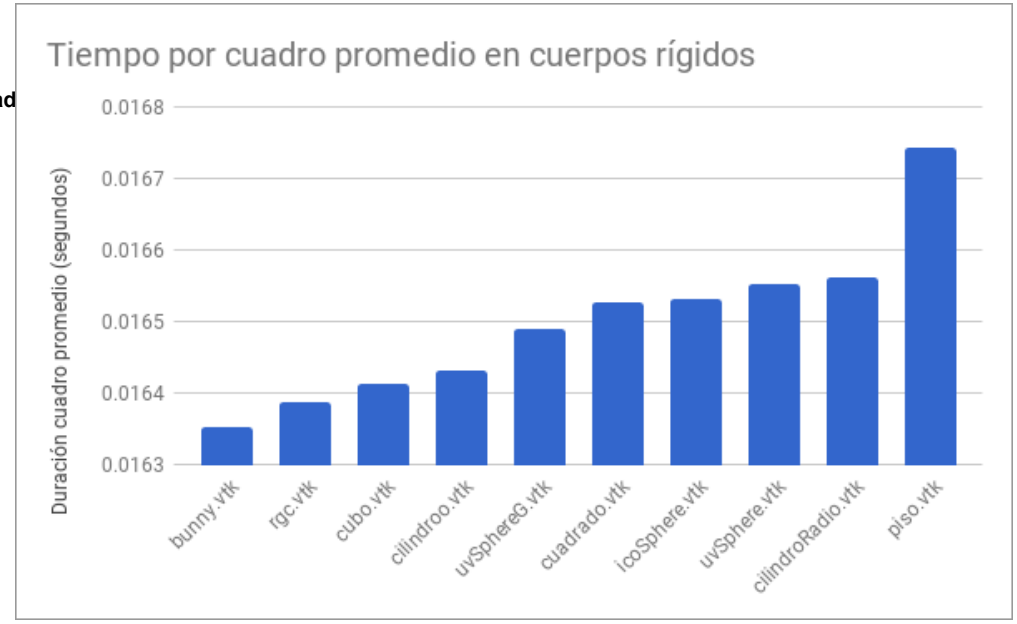
816	0.0152164	0.0156376	0.0158532	0.0160196	0.0162957	0.0150568	0.0158334	0.0157582	0.0168127	0.0157882
817	0.0168144	0.0163677	0.015574	0.0149611	0.0158282	0.0170441	0.0161328	0.0157427	0.0153442	0.0167778
818	0.0159706	0.0160179	0.0165654	0.0164151	0.0163318	0.0157162	0.0149809	0.016185	0.0169461	0.01537
819	0.0149293	0.0159788	0.0155143	0.0165566	0.0163145	0.016291	0.0159566	0.0163166	0.0159629	0.0166307
820	0.0170213	0.0155551	0.01601	0.0152918	0.0159493	0.015506	0.0170359	0.0164165	0.016038	0.0155626
821	0.016079	0.0153493	0.015469	0.0167784	0.0160425	0.0165491	0.0160403	0.0155518	0.0156537	0.0164637
822	0.0158623	0.0166947	0.0160361	0.0159353	0.0159935	0.0155743	0.0155935	0.0159781	0.0159347	0.0155828
823	0.0159861	0.0164127	0.0162976	0.0158715	0.0159652	0.0164249	0.0162979	0.0155015	0.0163917	0.0163888
824	0.0153388	0.0148722	0.0156727	0.0152495	0.0151434	0.015928	0.0159727	0.0171305	0.0159639	0.0159059
825	0.0166243	0.0171154	0.0167932	0.0169225	0.0168962	0.0320488	0.0158644	0.0159802	0.0160201	0.0161479
826	0.0154486	0.0148911	0.0152202	0.0156853	0.0159968	0.0152125	0.015906	0.0155124	0.0160792	0.0159763
827	0.0156563	0.0171514	0.0164218	0.0163058	0.0160636	0.0167836	0.0157872	0.0159969	0.01499	0.015698
828	0.0163376	0.0152667	0.064202	0.0156493	0.0158311	0.0159295	0.0161084	0.0156962	0.0168735	0.0163818
829	0.0158452	0.0166998	0.0162061	0.0164449	0.0149259	0.0161141	0.0157228	0.0168041	0.016053	0.0157793
830	0.0161559	0.0153287	0.0160642	0.0159202	0.0170647	0.0159793	0.0158184	0.0149393	0.0158404	0.0161531
831	0.0157024	0.0167243	0.0155444	0.015955	0.0156756	0.0159545	0.0158677	0.0163758	0.0161618	0.0159289
832	0.0166854	0.0159461	0.0166314	0.0160578	0.0155869	0.0160114	0.0160012	0.015697	0.0155561	0.0150661
833	0.0153158	0.0160383	0.0159825	0.0158895	0.0159454	0.0153904	0.0160699	0.0162808	0.0164489	0.017029
834	0.017043	0.0148056	0.01496	0.0160878	0.0158272	0.0166424	0.0158633	0.0167018	0.0158736	0.015844
835	0.0153083	0.0159889	0.0158907	0.0159212	0.0170592	0.0148763	0.0320032	0.0149928	0.0161235	0.0161309
836	0.0166322	0.0159985	0.0168761	0.0151836	0.0150825	0.0160248	0.0169575	0.0169177	0.016034	0.0160281
837	0.0159822	0.0160297	0.0151469	0.0168721	0.0167742	0.0161067	0.0151462	0.0151476	0.0156198	0.015524
838	0.0153988	0.0159897	0.0160531	0.0160509	0.0150797	0.0163214	0.0168683	0.0163331	0.0153803	0.0161511
839	0.0167038	0.0159996	0.0170242	0.014994	0.015917	0.0155589	0.0161418	0.0165974	0.0160053	0.0162146
840	0.0155704	0.0169971	0.0158604	0.0489273	0.0160526	0.0164559	0.0160265	0.0154496	0.0161996	0.0161125
841	0.0161444	0.016009	0.0151693	0.0159371	0.0170798	0.0155	0.0156605	0.0154795	0.0164151	0.0150356
842	0.0156326	0.016142	0.0159358	0.0160887	0.0158649	0.0168623	0.0162753	0.0170448	0.0163521	0.0169276
843	0.0155924	0.016015	0.0164971	0.0148982	0.0160004	0.0154061	0.0160319	0.0157083	0.01508	0.0152524
844	0.0159957	0.0156892	0.0165878	0.0323724	0.0161663	0.0158194	0.0159426	0.0163808	0.0164286	0.0166239
845	0.0167818	0.0162876	0.0159719	0.0163658	0.0155381	0.0160029	0.0161067	0.0159506	0.0165387	0.0160007
846	0.0162566	0.0152058	0.015504	0.0164169	0.0164928	0.0165372	0.0159669	0.0160266	0.0157997	0.0151547
847	0.0156997	0.0166812	0.0162152	0.0159504	0.0159457	0.0153315	0.0149566	0.0159887	0.0162029	0.016826
848	0.0155501	0.0161304	0.0163049	0.0159415	0.0160241	0.0166601	0.0168279	0.0160144	0.0157976	0.0160312
849	0.0158703	0.0153387	0.0159115	0.0160506	0.0158732	0.0164525	0.0159226	0.0160117	0.0161416	0.0156405
850	0.0166892	0.0155645	0.01593	0.0157611	0.0160707	0.0155712	0.0151288	0.0157185	0.0153404	0.0162697
851	0.0158556	0.0165279	0.0161444	0.016114	0.0160517	0.0153965	0.0168253	0.0158119	0.016653	0.0154579
852	0.0162901	0.0165678	0.0160101	0.0161967	0.0160061	0.0165585	0.0152304	0.0320703	0.0150724	0.0167808
853	0.0154138	0.0150388	0.0155657	0.0158192	0.0160039	0.016313	0.0161136	0.0162079	0.0169814	0.0159835
854	0.015774	0.0169954	0.015912	0.0150738	0.0151179	0.0161147	0.0161118	0.0153502	0.0152768	0.0159641
855	0.0167893	0.0151422	0.0154527	0.0171244	0.0157911	0.0160885	0.0160165	0.0159644	0.0166838	0.0160199
856	0.0152806	0.0166851	0.0163492	0.0158613	0.0169435	0.016069	0.0159257	0.0159397	0.0160007	0.0159886
857	0.0163816	0.0154184	0.0157522	0.0160962	0.0152774	0.0153328	0.0160316	0.0162446	0.0154789	0.015268
858	0.0163164	0.0156011	0.0164989	0.0151985	0.0167908	0.0166435	0.0319058	0.016336	0.0165444	0.0167771
859	0.0150671	0.0170818	0.0163581	0.0167814	0.01603	0.0159289	0.0159558	0.0160701	0.0148884	0.0159568
860	0.0164127	0.0160758	0.0149113	0.0151892	0.015527	0.015621	0.0168347	0.016258	0.0171344	0.015998
861	0.0166086	0.0159617	0.0164693	0.0167961	0.0165033	0.0164567	0.0159587	0.0148612	0.014925	0.0159742
862	0.0160244	0.0160391	0.0165523	0.0151101	0.0150063	0.0159187	0.0162108	0.0171437	0.0160497	0.0160727
863	0.0158328	0.0156206	0.0160212	0.0168502	0.016982	0.0159766	0.0160163	0.0155487	0.0165544	0.0157183
864	0.0161715	0.0152805	0.0150819	0.0150377	0.015814	0.0157387	0.0160564	0.0164376	0.0165024	0.015514
865	0.0154291	0.0164231	0.0159057	0.0170038	0.0151223	0.0160859	0.0158892	0.0149998	0.0157058	0.0160208
866	0.0153581	0.0166406	0.0169884	0.0149276	0.0169918	0.0162408	0.0160798	0.015964	0.0158862	0.0165579
867	0.0168223	0.0150091	0.0151236	0.0170787	0.0154733	0.0149641	0.0159692	0.0169307	0.0162334	0.0160119
868	0.0154385	0.0169423	0.016235	0.015984	0.0162969	0.0160043	0.0160437	0.0160342	0.0161036	0.0149805
869	0.0167753	0.0160631	0.0158182	0.015079	0.0163187	0.0164647	0.0159445	0.0159596	0.0159377	0.0170283
870	0.0150404	0.0159856	0.016586	0.0168929	0.0157821	0.015498	0.0150318	0.0150296	0.0160487	0.0149858
871	0.0171334	0.014979	0.0160151	0.0160362	0.0162287	0.0161869	0.0168247	0.0162829	0.0156614	0.0171118
872	0.0158328	0.0169961	0.0156912	0.0150156	0.0160166	0.0159537	0.0151341	0.015697	0.0164023	0.0160177
873	0.0151032	0.0160139	0.015527	0.0167705	0.0160067	0.0168779	0.0167415	0.0171481	0.0159795	0.0160444
874	0.0169932	0.0160247	0.0170577	0.0162576	0.0158052	0.0151053	0.0160165	0.0150257	0.0148926	0.0160359
875	0.015786	0.0159883	0.0158195	0.0159532	0.016107	0.0164851	0.0157972	0.016894	0.0161462	0.0151574
876	0.0152755	0.0159444	0.0157455	0.0159974	0.0151988	0.0164475	0.0159669	0.0157744	0.0169071	0.0167968
877	0.0169017	0.0152823	0.016533	0.0159079	0.0168316	0.0160169	0.0155805	0.015459	0.016011	0.0160061
878	0.0160818	0.0158835	0.0159838	0.0153518	0.0159739	0.0158782	0.016129	0.0168387	0.0159102	0.0148938

879	0.0149716	0.0159362	0.0159859	0.0168129	0.016024	0.0150893	0.0160026	0.0149024	0.0153206	0.0163262
880	0.0169102	0.0168988	0.0150438	0.0159646	0.0149421	0.0170169	0.0158944	0.0164836	0.0167702	0.0157415
881	0.0153085	0.016078	0.0170068	0.015501	0.0162082	0.0149136	0.0159511	0.0164361	0.0156262	0.0169664
882	0.0163452	0.0160173	0.0150464	0.0165106	0.0168883	0.0160426	0.0319257	0.0151004	0.0164221	0.0157517
883	0.0163791	0.0159992	0.0167814	0.0159533	0.015926	0.0170496	0.016394	0.01655	0.014919	0.0163211
884	0.0160635	0.0160235	0.0149858	0.0159826	0.0152012	0.0159378	0.0165125	0.0158658	0.0169016	0.0160025
885	0.0157915	0.0160612	0.0160433	0.0156077	0.0168688	0.0158105	0.0154583	0.0164775	0.0151543	0.0149488
886	0.0161854	0.0159079	0.0170813	0.0162707	0.0156997	0.015932	0.0157177	0.0158392	0.0170303	0.0164049
887	0.0160334	0.0160345	0.0158451	0.0151455	0.0156681	0.0161085	0.0164765	0.0163148	0.0150823	0.0166022
888	0.015851	0.0149762	0.0159125	0.0170289	0.0165919	0.016202	0.0156066	0.015961	0.01688	0.0157861
889	0.0161279	0.0170221	0.0151434	0.0155184	0.0154548	0.0160216	0.0158055	0.016015	0.0160119	0.0161921
890	0.0160402	0.0159316	0.0159745	0.0164481	0.0155582	0.0158672	0.0167828	0.0153264	0.0149887	0.0153312
891	0.014954	0.015982	0.0165906	0.0157946	0.0170462	0.0161868	0.0162904	0.0159772	0.0167183	0.0165988
892	0.0169528	0.0159284	0.0155765	0.0155716	0.0151279	0.0160631	0.0159756	0.0167037	0.0158874	0.0156545
893	0.0161322	0.0161154	0.0159118	0.0157258	0.0165537	0.0151483	0.0160101	0.0151209	0.016436	0.0164454
894	0.0157952	0.0157463	0.0329237	0.01693	0.0159269	0.0166963	0.0160105	0.016301	0.0159597	0.0150949
895	0.0155085	0.0162236	0.0156347	0.0158009	0.0163751	0.0152427	0.0156173	0.0156837	0.0151259	0.0168956
896	0.016597	0.0156431	0.0158667	0.0162471	0.0154189	0.0160978	0.0158445	0.0169473	0.0165278	0.0150329
897	0.0159002	0.0163575	0.0167438	0.0151314	0.0165663	0.0166895	0.0161394	0.0148671	0.0153886	0.0165867
898	0.0159845	0.0160003	0.0156493	0.0168552	0.0160106	0.0159883	0.0153435	0.0163153	0.0165137	0.0164629
899	0.0161806	0.015468	0.0160747	0.0156822	0.0159848	0.0151514	0.0164878	0.0159587	0.0163574	0.0149002
900	0.0156782	0.016074	0.01596	0.0163271	0.0159891	0.032437	0.0159812	0.0165092	0.0159666	0.0170352
901	0.0151664	0.015481	0.0163502	0.0159298	0.0150294	0.016341	0.0316736	0.0156332	0.0151086	0.0160439
902	0.0169501	0.0169492	0.0149263	0.015931	0.0159447	0.0160539	0.0166682	0.015692	0.0171134	0.0159944
903	0.0161893	0.0159162	0.0169857	0.0155758	0.0170219	0.0149478	0.015972	0.0164633	0.0158549	0.0159966
904	0.0158646	0.015203	0.0153932	0.0163638	0.0160349	0.0166767	0.0161337	0.0154561	0.0158012	0.0159202
905	0.0158835	0.0169158	0.0155285	0.016143	0.0154764	0.0164455	0.0150156	0.0164701	0.0162417	0.0155995
906	0.0155393	0.0149796	0.0169619	0.0159844	0.0156823	0.0153496	0.0159843	0.0155727	0.0149838	0.0164374
907	0.0163448	0.0170777	0.016098	0.01602	0.0166594	0.0166478	0.0163715	0.0159164	0.0169611	0.0159628
908	0.0155234	0.0159794	0.0160081	0.0160398	0.0155136	0.0159335	0.0161476	0.0163827	0.0160223	0.0160863
909	0.016661	0.015989	0.0159952	0.0159631	0.016166	0.0158169	0.0158498	0.0156115	0.0160619	0.0157599
910	0.0160106	0.0149254	0.0158314	0.0158243	0.0164616	0.0154254	0.0163097	0.0169604	0.015961	0.0153288
911	0.016013	0.0170383	0.0161503	0.0161467	0.0151863	0.0167787	0.0165095	0.0151664	0.0154523	0.0164068
912	0.0157683	0.0160352	0.0148999	0.0160523	0.015882	0.0159942	0.0153115	0.0168636	0.01657	0.0165224
913	0.0156998	0.0159613	0.0171519	0.0150016	0.0168858	0.015881	0.0160409	0.0149443	0.0158733	0.0156384
914	0.0159069	0.0160351	0.0150998	0.0168511	0.0149966	0.0160238	0.0159303	0.0161737	0.0151499	0.0162988
915	0.0167545	0.0159265	0.0158269	0.0159677	0.0167329	0.015925	0.0155635	0.0164663	0.0169845	0.0160078
916	0.0157283	0.015018	0.0161782	0.016045	0.0163159	0.0158658	0.0169775	0.0164258	0.0157023	0.0160114
917	0.0162601	0.0170361	0.0160912	0.0150423	0.0154041	0.0162695	0.0150656	0.0156503	0.0163141	0.0160192
918	0.0149602	0.0160113	0.0156023	0.0167478	0.0164123	0.0155165	0.0168935	0.0164372	0.0157955	0.0159861
919	0.0166853	0.0149362	0.0167042	0.0155374	0.0161082	0.0162701	0.0160688	0.0153539	0.0161484	0.0155147
920	0.0163762	0.0170512	0.015909	0.0162098	0.0161157	0.016262	0.0158662	0.0156273	0.0160178	0.015489
921	0.0159779	0.0159942	0.0159544	0.016639	0.0153211	0.0157256	0.015431	0.0162855	0.0156544	0.0159624
922	0.0151243	0.0158919	0.016601	0.0158711	0.0166293	0.0163137	0.0163362	0.0158474	0.0163712	0.0159726
923	0.0157885	0.0150352	0.0157657	0.0152533	0.0155992	0.0155684	0.0477329	0.0158094	0.0159985	0.0167234
924	0.0170752	0.0170597	0.0159665	0.0166514	0.0163886	0.0162733	0.0159896	0.0160831	0.014967	0.016316
925	0.0158721	0.0151523	0.0161803	0.0159925	0.0156756	0.0155053	0.0156711	0.0165194	0.017024	0.0160093
926	0.0152239	0.0169217	0.0161056	0.0154719	0.016359	0.0166071	0.0159655	0.0160262	0.0159987	0.0159002
927	0.0159353	0.0159377	0.0159983	0.0167109	0.015622	0.0156045	0.0320604	0.0154503	0.0159907	0.0160161
928	0.0159069	0.0150449	0.0158595	0.0149787	0.0153693	0.0163085	0.0164674	0.0166377	0.0149315	0.0160362
929	0.0163954	0.0168459	0.0157383	0.0170162	0.016213	0.0160366	0.0155683	0.016166	0.0171117	0.0150903
930	0.0164935	0.0161149	0.0163415	0.0159826	0.0321669	0.0160891	0.0168953	0.0151257	0.0149356	0.0169422
931	0.0156904	0.01597	0.0159935	0.0158987	0.0325391	0.0158068	0.0155501	0.0166386	0.0168458	0.0160196
932	0.016053	0.0160069	0.0160234	0.0160612	0.0160884	0.016046	0.016548	0.016215	0.0150526	0.0159938
933	0.0164697	0.0160274	0.0158366	0.0160287	0.0148877	0.0156276	0.0149705	0.0158051	0.0330841	0.0149747
934	0.0159695	0.0153485	0.0161991	0.0155523	0.0171172	0.0162302	0.0169794	0.016314	0.0160356	0.0170349
935	0.0159095	0.0158557	0.0159484	0.0157804	0.0150421	0.0152327	0.0150382	0.0156554	0.0150619	0.0159817
936	0.0151008	0.0167737	0.016059	0.0166259	0.0169712	0.0159085	0.0170267	0.015659	0.016418	0.0159915
937	0.0170764	0.0159152	0.0148293	0.0160858	0.0159182	0.015996	0.0152219	0.0158986	0.0165082	0.0151037
938	0.0148252	0.016121	0.0171319	0.0158745	0.0159564	0.016042	0.0164736	0.0159325	0.0159144	0.016687
939	0.0171013	0.0159708	0.0160149	0.0150642	0.0161003	0.0165756	0.0162751	0.0160279	0.0155119	0.0150903
940	0.0160199	0.0159927	0.0159907	0.0169976	0.0153653	0.0163908	0.015564	0.0159055	0.0164723	0.0170077
941	0.0156933	0.0160129	0.0160235	0.0160459	0.0165104	0.0320998	0.0153348	0.0169675	0.0161398	0.0151935

942	0.0162604	0.0160312	0.0159631	0.0159777	0.0160248	0.0149816	0.0168496	0.0150053	0.0159643	0.0160072
943	0.0154932	0.0149477	0.0150555	0.0160351	0.0161284	0.0170221	0.0158917	0.0162181	0.016062	0.0158924
944	0.0164517	0.0169898	0.0169966	0.0148983	0.0160659	0.0153819	0.0157938	0.0158097	0.0156789	0.0170209
945	0.0160717	0.0152022	0.0150531	0.0168714	0.0158914	0.0160101	0.0160437	0.0161093	0.0159491	0.0159487
946	0.0156493	0.0158151	0.0166842	0.0161877	0.0159208	0.015617	0.0159114	0.0158543	0.0155793	0.0160619
947	0.0153277	0.0160011	0.0162678	0.0160453	0.0160998	0.0170004	0.0159669	0.0159363	0.0167874	0.0160057
948	0.0169904	0.0166145	0.0159806	0.0160207	0.0154177	0.0160063	0.0159153	0.0165411	0.0156242	0.0158971
949	0.0160848	0.0153861	0.03145	0.0159307	0.0166007	0.0155734	0.0158709	0.0156075	0.0162996	0.0159876
950	0.0157574	0.0160143	0.0164493	0.0160791	0.0159302	0.0154055	0.0158786	0.016483	0.0160197	0.0151482
951	0.0156185	0.0169983	0.0157112	0.0159784	0.015761	0.017061	0.032112	0.0157296	0.0159926	0.0169258
952	0.0157902	0.0154695	0.0163913	0.0159627	0.0151674	0.0159392	0.0158549	0.0157623	0.016055	0.0155364
953	0.0157791	0.0157496	0.0152115	0.0160035	0.017186	0.0160488	0.0167715	0.0166667	0.015991	0.0164601
954	0.0163988	0.0168008	0.0166193	0.0160189	0.0151287	0.0159498	0.0160385	0.0166236	0.0152757	0.0154605
955	0.0155574	0.0153257	0.0150163	0.0156641	0.0158012	0.0160136	0.0161935	0.0153765	0.0166748	0.0162714
956	0.0171066	0.0162274	0.0170279	0.0160516	0.0162402	0.0150555	0.0159396	0.0166667	0.0153602	0.0153236
957	0.0152624	0.0164118	0.0158153	0.0162892	0.0636246	0.0166634	0.0160567	0.0154116	0.016653	0.0169714
958	0.0163662	0.0160528	0.016319	0.0159699	0.0325911	0.0160839	0.0160215	0.0156256	0.015959	0.0154875
959	0.0155635	0.0156103	0.0160191	0.0159872	0.0158412	0.0162043	0.015399	0.0167281	0.0160441	0.0165311
960	0.0157563	0.016351	0.0159994	0.0160185	0.0319774	0.0154822	0.016645	0.0156336	0.016008	0.0159114
961	0.0170311	0.0150966	0.0149186	0.0159835	0.0164537	0.0164687	0.0159637	0.0159247	0.0149268	0.0160594
962	0.0156898	0.0168868	0.0170443	0.0160172	0.0153639	0.0160342	0.0159823	0.015658	0.0170632	0.016051
963	0.0161578	0.0160164	0.0157825	0.0153524	0.0158694	0.0154766	0.0154707	0.0164219	0.0159571	0.0157242
964	0.0160726	0.0160005	0.0151432	0.0165674	0.0169575	0.0165366	0.0156432	0.0161976	0.0151387	0.0152544
965	0.0160551	0.0160042	0.0160202	0.014977	0.01533	0.0160298	0.0158595	0.0164113	0.0166154	0.0170203
966	0.0148696	0.0153789	0.0170427	0.017132	0.0166185	0.0148669	0.0165683	0.015408	0.0152575	0.0159816
967	0.0171319	0.0165139	0.0148902	0.0156426	0.0149998	0.0160152	0.0157894	0.0163847	0.0170129	0.0148694
968	0.0159144	0.016084	0.0170923	0.0162035	0.0171237	0.0169429	0.0163315	0.0152717	0.0160457	0.0159707
969	0.0150628	0.0160507	0.0151	0.015902	0.0160144	0.0155261	0.0158841	0.0160794	0.0159441	0.0162126
970	0.0167653	0.0149134	0.0158172	0.0157608	0.0159848	0.0157188	0.015762	0.0160102	0.0160318	0.0162733
971	0.0161982	0.016695	0.0161779	0.0155581	0.0148454	0.0159664	0.0157131	0.016957	0.0150071	0.0167115
972	0.015939	0.0163338	0.0169539	0.0169932	0.0170174	0.0168438	0.0162217	0.015869	0.0169781	0.0159387
973	0.0160818	0.0160261	0.0157723	0.0159316	0.0161513	0.0161199	0.016007	0.0154597	0.0160476	0.0159832
974	0.014938	0.0154169	0.0161864	0.0150613	0.0160639	0.0159807	0.0156796	0.0155528	0.0156971	0.015114
975	0.0169486	0.0154876	0.0160319	0.016924	0.015792	0.0148637	0.0320538	0.0168401	0.0152735	0.016693
976	0.0154292	0.0159551	0.0158309	0.0159867	0.0157127	0.0171715	0.0159259	0.0161993	0.0169954	0.0162241
977	0.0158576	0.0170501	0.0156176	0.0159846	0.0164642	0.016003	0.0170011	0.0160309	0.0159342	0.0158344
978	0.0162638	0.0160827	0.0154383	0.0159899	0.0158085	0.0159711	0.0149609	0.0160782	0.0150757	0.0152117
979	0.0161228	0.016019	0.0480339	0.0160186	0.0161655	0.0150476	0.0168259	0.0158766	0.0170894	0.0163396
980	0.0155644	0.0149298	0.0169045	0.0160536	0.0159631	0.0159391	0.0151708	0.0159452	0.0159106	0.0166433
981	0.0161582	0.0170467	0.0150559	0.0159637	0.0160652	0.0170179	0.0169996	0.0161096	0.0157548	0.0159725
982	0.0162648	0.0156267	0.0168628	0.0159865	0.0149507	0.0159575	0.0150977	0.016042	0.0162975	0.0159645
983	0.0160425	0.0163705	0.0154402	0.0149697	0.0169645	0.015816	0.0159093	0.0156853	0.0147829	0.0160477
984	0.0164643	0.0160513	0.0156484	0.0170118	0.0152467	0.0151786	0.0159874	0.015307	0.0171903	0.0159955
985	0.015737	0.0159644	0.0164446	0.0151034	0.0161133	0.0168859	0.0169825	0.0166842	0.0148444	0.0154169
986	0.0154597	0.0160324	0.0160731	0.0169225	0.0165264	0.0161205	0.0310921	0.0152427	0.0166144	0.0166298
987	0.0167561	0.0159691	0.016307	0.0159944	0.0161587	0.016017	0.0159484	0.0163237	0.0164969	0.0149025
988	0.0159079	0.0159866	0.0156081	0.015966	0.0150664	0.0160132	0.0163059	0.0167043	0.0160053	0.0167266
989	0.0160236	0.0156562	0.0164344	0.0160055	0.0170185	0.0149778	0.0156544	0.0155051	0.0156275	0.0161569
990	0.016084	0.0163886	0.0151871	0.0159369	0.0150936	0.0168962	0.0166355	0.0165662	0.0161674	0.0160694
991	0.0149032	0.0159422	0.0166556	0.0153236	0.0167735	0.0161366	0.0155794	0.0160364	0.0158355	0.0155784
992	0.016968	0.0160179	0.0160674	0.0159805	0.0160388	0.0158352	0.0159092	0.0156383	0.0163852	0.016503
993	0.0149968	0.0160582	0.0155219	0.0168391	0.0149965	0.0160037	0.0168842	0.0158468	0.0152723	0.015641
994	0.0164605	0.0156581	0.0161165	0.0159815	0.0162543	0.0162	0.015193	0.0155341	0.0167427	0.015372
995	0.0156028	0.0162751	0.0163998	0.0158404	0.015624	0.0159676	0.0158992	0.0169524	0.0156461	0.015914
996	0.0159992	0.0151478	0.0161033	0.0155587	0.015981	0.0158579	0.0158822	0.0158547	0.0160823	0.016495
997	0.0161692	0.0165935	0.0160667	0.0165563	0.0164844	0.0161617	0.0163492	0.0150678	0.0157147	0.0165533
998	0.0168693	0.0153935	0.0154963	0.0158731	0.015507	0.015943	0.0157207	0.0163494	0.0165603	0.0160259
999	0.014944	0.0163299	0.0156013	0.0161775	0.0160853	0.0151715	0.0162039	0.0159399	0.0159563	0.0160274

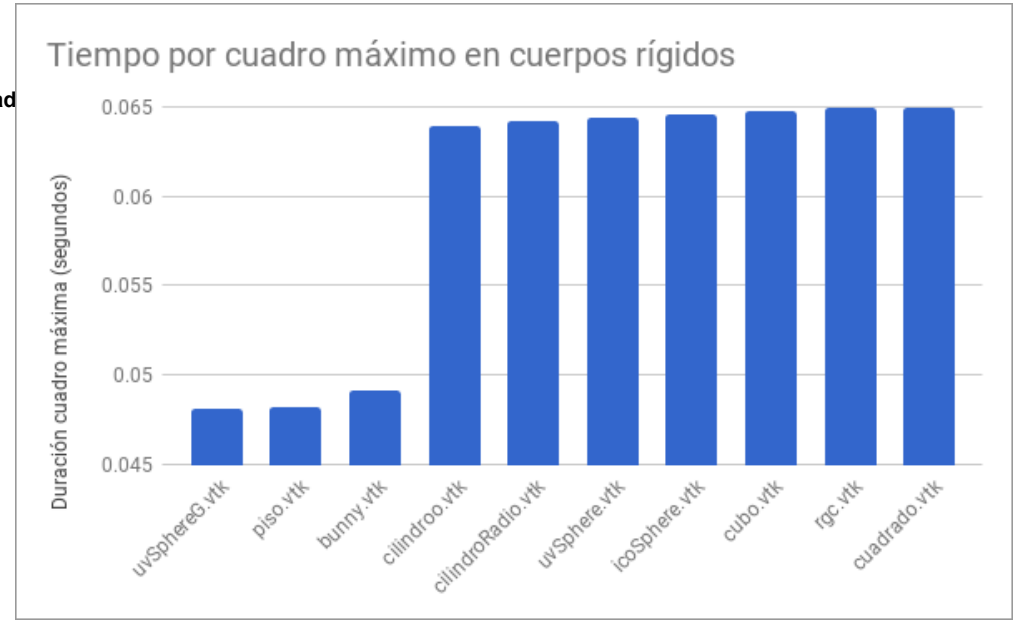
AVERAGE of bu	AVERAGE of cili	AVERAGE of cili	AVERAGE of cu	AVERAGE of cu	AVERAGE of ico	AVERAGE of pis	AVERAGE of rgc	AVERAGE of uv	AVERAGE of uv
0.0163534405	0.0164307986	0.0165610671	0.0165276321	0.0164122212	0.0165322341	0.0167436669	0.0163872628	0.0165530778	0.0164885095

Modelo	Tiempo por cuad
bunny.vtk	0.0163534405
rgc.vtk	0.0163872628
cubo.vtk	0.0164122212
cilindroo.vtk	0.0164307986
uvSphereG.vtk	0.0164885095
cuadrado.vtk	0.0165276321
icoSphere.vtk	0.0165322341
uvSphere.vtk	0.0165530778
cilindroRadio.vtk	0.0165610671
piso.vtk	0.0167436669



MAX of bunny.vtl	MAX of cilindroo.	MAX of cilindroR	MAX of cuadradc	MAX of cubo.vtk	MAX of icoSpher	MAX of piso.vtk	MAX of rgc.vtk	MAX of uvSphere	MAX of uvSphere
0.0491438	0.0638798	0.064202	0.0649896	0.064728	0.0645959	0.0482269	0.0649154	0.064396	0.0481057

Modelo	Tiempo por cuad
uvSphereG.vtk	0.0481057
piso.vtk	0.0482269
bunny.vtk	0.0491438
cilindroo.vtk	0.0638798
cilindroRadio.vtk	0.064202
uvSphere.vtk	0.064396
icoSphere.vtk	0.0645959
cubo.vtk	0.064728
rgc.vtk	0.0649154
cuadrado.vtk	0.0649896



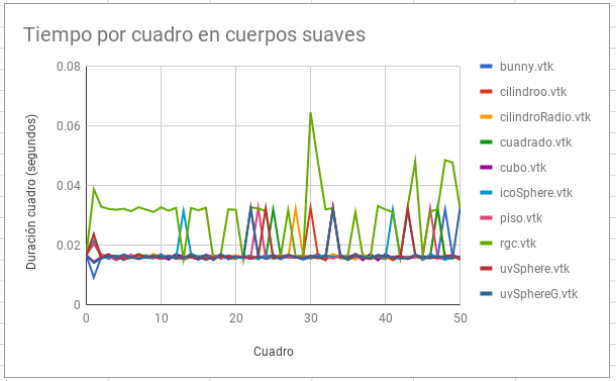
MIN of bunny.vtk	MIN of cilindroo.v	MIN of cilindroRa	MIN of cuadrado	MIN of cubo.vtk	MIN of icoSphere	MIN of piso.vtk	MIN of rgc.vtk	MIN of uvSphere	MIN of uvSphere
0.0147519	0.0148056	0.0147974	0.0148137	0.0118489	0.0148383	0.0148593	0.0146661	0.0147829	0.0148091

bunny.vtk	cilindroo.vtk	ci
0.0147519	0.0148056	

Modelos	Tiempo por cuad
cubo.vtk	0.0118489
rgc.vtk	0.0146661
bunny.vtk	0.0147519
uvSphere.vtk	0.0147829
cilindroRadio.vtk	0.0147974
cilindroo.vtk	0.0148056
uvSphereG.vtk	0.0148091
cuadrado.vtk	0.0148137
icoSphere.vtk	0.0148383
piso.vtk	0.0148593

uvSphere.vtk	uvSphereG.vtk
0.0147829	0.0148091

PR-005,Datos de rendimiento soft										
Cuadro	bunny.vtk	cilindroo.vtk	cilindroRadio.vtk	cuadrado.vtk	cubo.vtk	icoSphere.vtk	piso.vtk	rgc.vtk	uvSphere.vtk	uvSphereG.vtk
0	0.0166667	0.0166667	0.0166667	0.0166667	0.0166667	0.0166667	0.0166667	0.0166667	0.0166667	0.0166667
1	0.0091559	0.0217114	0.0218909	0.0203957	0.0143977	0.0212778	0.020632	0.0387651	0.0237013	0.0140036
2	0.0159681	0.01678	0.0154245	0.0165268	0.0159477	0.0164338	0.0164981	0.0328798	0.0155877	0.0155281
3	0.0163553	0.016226	0.0161892	0.0164565	0.0169587	0.0153751	0.0159188	0.0321055	0.0167698	0.0161628
4	0.01646	0.0150572	0.015555	0.0152742	0.0150738	0.0162868	0.0154977	0.0318438	0.015984	0.0158572
5	0.014962	0.0164292	0.016262	0.0157903	0.0168516	0.0165367	0.0159425	0.03215	0.0154742	0.016799
6	0.0163258	0.0164748	0.01585	0.0160109	0.015974	0.0160507	0.0167985	0.0313568	0.0156905	0.0157959
7	0.0161492	0.0159356	0.0161593	0.0169753	0.0153271	0.0159137	0.0157557	0.0326962	0.0168814	0.0154936
8	0.016628	0.0161095	0.0157376	0.0161066	0.0160466	0.0157331	0.0162441	0.0318893	0.0159492	0.0159676
9	0.0157118	0.0158409	0.0170399	0.0159699	0.0156339	0.0155618	0.0159606	0.0310989	0.0159553	0.0165226
10	0.0162246	0.0157587	0.016084	0.0154784	0.0169091	0.0165388	0.0152862	0.0326736	0.0157032	0.0159124
11	0.0151833	0.0163304	0.0156712	0.0154531	0.0151482	0.0161325	0.0164908	0.0315277	0.0163433	0.0162253
12	0.016672	0.0153508	0.0162703	0.0169741	0.0168575	0.0155576	0.0160123	0.0324871	0.0157842	0.0159528
13	0.0153248	0.0156527	0.0159779	0.0151069	0.0162382	0.0314411	0.0153899	0.0152905	0.0160036	0.0155849
14	0.0166682	0.0170944	0.0160202	0.0159867	0.0158894	0.0171004	0.0159588	0.0324325	0.0161436	0.0167894
15	0.0155728	0.0160638	0.0152371	0.0162739	0.0151736	0.0159782	0.0158233	0.0316712	0.0157579	0.0154753
16	0.0156776	0.0150386	0.0159147	0.0164833	0.0167782	0.0151287	0.0160904	0.0325124	0.015536	0.016555
17	0.0163776	0.0159384	0.015936	0.015171	0.015973	0.016648	0.0164187	0.0153617	0.0158246	0.0149517
18	0.0157061	0.0168436	0.0158205	0.01639	0.0161269	0.0154044	0.0155595	0.0170233	0.0161264	0.0169948
19	0.0158685	0.0156654	0.0160727	0.016139	0.0160151	0.0165599	0.0159396	0.0319685	0.0161943	0.0152474
20	0.0161559	0.015407	0.0166299	0.0160339	0.015998	0.0157829	0.0162813	0.0318395	0.0160087	0.0161381
21	0.0160359	0.016369	0.0159812	0.0159422	0.0158217	0.0159489	0.0157956	0.0151334	0.0159836	0.0155642
22	0.0320037	0.0158398	0.0158324	0.0158611	0.0154408	0.0165996	0.0159112	0.0327036	0.0157546	0.0325296
23	0.0165465	0.0159352	0.0156905	0.0159023	0.0158201	0.0151825	0.0325383	0.0322367	0.0160321	0.0160424
24	0.0153393	0.0163578	0.0161506	0.0157034	0.0158624	0.0168184	0.0155811	0.0314453	0.0324609	0.0155581
25	0.0158267	0.0155821	0.015785	0.0320043	0.0166862	0.0155063	0.0162203	0.0155352	0.0156597	0.016622
26	0.0164928	0.0162158	0.0160676	0.0163745	0.0158224	0.0156862	0.0166762	0.0162489	0.0159159	0.0152444
27	0.0164943	0.0159944	0.0159188	0.015734	0.0159577	0.0157961	0.0157274	0.031736	0.0167359	0.0167093
28	0.0160312	0.0157678	0.0322189	0.0162652	0.0157955	0.0161009	0.0160929	0.016276	0.0161253	0.0159041
29	0.0151129	0.0160506	0.0165836	0.0163781	0.0160304	0.0158155	0.0162128	0.0157742	0.015498	0.0153863
30	0.0159259	0.0325706	0.0159306	0.0155358	0.0159831	0.0164595	0.0160912	0.0645226	0.0164841	0.0163726
31	0.0170646	0.0163616	0.0154724	0.0160428	0.015693	0.0162644	0.0158465	0.0477965	0.0159792	0.0158729
32	0.0152324	0.0151163	0.0158441	0.0166119	0.0160167	0.0163793	0.0160253	0.0319912	0.0149173	0.0160311
33	0.016467	0.0168248	0.0169792	0.0158011	0.0323729	0.0160408	0.0154769	0.0323501	0.0327387	0.0317801
34	0.0162396	0.015792	0.0159835	0.0164066	0.0158014	0.0158241	0.0166139	0.0155685	0.0158417	0.0166826
35	0.0150285	0.015213	0.0159823	0.015021	0.0161244	0.0153587	0.0158729	0.0167407	0.0157128	0.0152862
36	0.0159966	0.0171193	0.015118	0.0168398	0.0167773	0.0167365	0.0159436	0.0310483	0.0166712	0.0165724
37	0.0161346	0.0156183	0.0168569	0.0160782	0.0149485	0.0160516	0.0158262	0.0160186	0.0158466	0.015929
38	0.0165815	0.0157079	0.0160401	0.0160094	0.0170646	0.0159875	0.0153766	0.015958	0.0153312	0.0156434
39	0.0156318	0.0163385	0.0156618	0.0152308	0.0148717	0.0159931	0.0164337	0.0331181	0.0164186	0.0167373
40	0.016155	0.0162686	0.0152613	0.0163002	0.0170078	0.0154245	0.0159042	0.0319564	0.0161546	0.0162524
41	0.0160301	0.0149243	0.0161297	0.01611	0.0155663	0.031898	0.0161276	0.031026	0.0156149	0.0158971
42	0.0158471	0.0162556	0.0164814	0.015603	0.016487	0.01597	0.0155228	0.0158651	0.0158414	0.0155742
43	0.0157447	0.0157156	0.0153595	0.0161671	0.0153509	0.0315814	0.0159039	0.03302	0.0322469	0.0154041
44	0.0161038	0.0166815	0.0164259	0.0159223	0.0160734	0.0170749	0.0161435	0.0480097	0.0166493	0.0168528
45	0.015668	0.0155913	0.0160608	0.0157289	0.0163061	0.0149766	0.0158841	0.0166667	0.0156318	0.0158568
46	0.0160764	0.0161534	0.0158202	0.016032	0.0159467	0.0169421	0.0323573	0.031241	0.0157383	0.0155605
47	0.0159401	0.0157947	0.0318536	0.0327485	0.0158071	0.0160136	0.0155583	0.0320294	0.0155896	0.0163032
48	0.0320094	0.0160964	0.0166018	0.0152347	0.0154089	0.0150436	0.0160558	0.048511	0.0164797	0.0160917
49	0.0163465	0.0159616	0.0155863	0.0157982	0.0165176	0.0160993	0.0166689	0.0476748	0.0165298	0.0154896
50	0.0160462	0.0157344	0.0161205	0.0160497	0.0158376	0.015824	0.0153701	0.0323025	0.0150274	0.0325747
51	0.016568	0.0329161	0.0155709	0.0162841	0.0158081	0.016749	0.0159875	0.0318642	0.0170867	0.0163079
52	0.0156943	0.0151835	0.0159848	0.0166651	0.0159484	0.015278	0.0164884	0.0324854	0.0153537	0.0160238
53	0.0157729	0.0164367	0.0162311	0.0151515	0.0159478	0.032541	0.0165575	0.0312634	0.016647	0.0149861
54	0.0320312	0.0161858	0.0158825	0.0159894	0.0320568	0.0155101	0.015238	0.0322118	0.0159499	0.0159083
55	0.0318487	0.0160565	0.0164604	0.0161306	0.0163961	0.0167343	0.0167131	0.0322312	0.0149724	0.0160408
56	0.0328598	0.0160283	0.0154706	0.0165399	0.0157111	0.0163979	0.0160096	0.0319539	0.0166581	0.0166046
57	0.0310115	0.0158408	0.0166253	0.0153744	0.0159955	0.0154963	0.0156171	0.0315162	0.0161767	0.0153735
58	0.0328948	0.0164505	0.0154104	0.016101	0.0161358	0.0163425	0.0164483	0.032576	0.0161243	0.016763
59	0.0320369	0.0157618	0.016091	0.0166521	0.0163414	0.0151304	0.0158355	0.0321482	0.0151183	0.0154344
60	0.0149845	0.0162609	0.0158573	0.0154099	0.0155035	0.0163508	0.0151292	0.0318279	0.0159809	0.0161017



61	0.016242	0.0150176	0.0165507	0.0165275	0.0164723	0.015905	0.0166611	0.0314469	0.016038	0.0161196
62	0.0157172	0.0170025	0.0154655	0.0159871	0.0164438	0.0165852	0.0154244	0.0162045	0.0165556	0.0166102
63	0.0160107	0.0150025	0.0169535	0.0156175	0.0153973	0.0151558	0.0163555	0.0157292	0.0158051	0.0156499
64	0.0159587	0.0164654	0.0150788	0.0163234	0.0164707	0.0165989	0.0160412	0.0160898	0.0158832	0.0155267
65	0.0159629	0.0154681	0.0164269	0.0155817	0.0156417	0.0156879	0.0158593	0.0159995	0.0159897	0.0158903
66	0.0160665	0.0163612	0.0163922	0.0159845	0.0163432	0.0159623	0.0156187	0.0159696	0.0320722	0.0170007
67	0.0320089	0.0159816	0.0150505	0.0161406	0.016115	0.0159862	0.0163201	0.0159104	0.0163048	0.0158618
68	0.0320834	0.0161864	0.0161816	0.0158572	0.0157283	0.0159399	0.0156481	0.0320916	0.0162528	0.0152082
69	0.0321349	0.0159392	0.01627	0.0159345	0.016119	0.0158915	0.01605	0.0324542	0.0156777	0.0158388
70	0.032472	0.0156852	0.0158503	0.0318455	0.0153242	0.0159697	0.0326327	0.0320119	0.0161527	0.0161862
71	0.0317015	0.0159809	0.0159357	0.0161502	0.0161079	0.0159648	0.0153398	0.031527	0.0153918	0.0159812
72	0.0326403	0.0163328	0.0158571	0.0160025	0.0161676	0.0326176	0.0162323	0.0324097	0.0163292	0.015982
73	0.0310525	0.0321695	0.0330406	0.0156929	0.0157474	0.015219	0.0164298	0.0316169	0.0159362	0.0162243
74	0.0320991	0.0161293	0.0159656	0.0159766	0.0159946	0.0161452	0.0157278	0.0327763	0.0166544	0.0157975
75	0.0159948	0.0162199	0.015678	0.0170608	0.0158085	0.0162593	0.0158382	0.0318273	0.0152557	0.0159288
76	0.0160624	0.0150364	0.0162142	0.0153492	0.0321836	0.0164132	0.0328249	0.0320326	0.0327562	0.0160878
77	0.0159434	0.0160109	0.015048	0.0167112	0.016892	0.0161721	0.0160476	0.0324113	0.0318619	0.0161277
78	0.0160583	0.016662	0.0161553	0.0151432	0.0468453	0.0151972	0.0313527	0.0315653	0.0309586	0.0319352
79	0.0159806	0.0156432	0.0164239	0.0167742	0.0170343	0.0167146	0.0157032	0.0475494	0.0171369	0.0158183
80	0.0157863	0.0158426	0.0162871	0.0157835	0.0315962	0.015078	0.0324879	0.048091	0.0152379	0.0319658
81	0.0159014	0.0158352	0.0158286	0.0159676	0.0321853	0.0324834	0.0155338	0.047734	0.0160262	0.016158
82	0.0331318	0.0161092	0.0156723	0.0155812	0.0162451	0.0166793	0.0165629	0.0489702	0.0161651	0.0161743
83	0.0308902	0.0329295	0.0166508	0.0157526	0.0160924	0.0160013	0.0153145	0.0480397	0.0156579	0.0159893
84	0.0322134	0.0154184	0.0150653	0.015984	0.0152825	0.0157772	0.0164598	0.0479749	0.0157852	0.016125
85	0.0323223	0.0166136	0.016833	0.0168244	0.0166307	0.0151148	0.0155203	0.0479756	0.0160602	0.016604
86	0.0319951	0.0159585	0.0160533	0.0159772	0.0150952	0.0160662	0.0163433	0.0319892	0.0168704	0.0154729
87	0.0158843	0.0158696	0.0159729	0.0151614	0.0166728	0.016031	0.0156325	0.0316133	0.0311278	0.0163286
88	0.0158226	0.0151963	0.0152752	0.016552	0.0161846	0.0163409	0.0160388	0.0321099	0.0159732	0.0154269
89	0.0166269	0.0159818	0.0163036	0.0155506	0.0155522	0.0157024	0.0158859	0.0312732	0.0159917	0.0167938
90	0.0161273	0.0159974	0.0159308	0.0162412	0.0160085	0.0161637	0.0160081	0.0319829	0.016646	0.0149079
91	0.0155211	0.0164609	0.0155041	0.0161163	0.015648	0.0159641	0.0330876	0.032121	0.0160073	0.0168616
92	0.0161112	0.0158031	0.0166211	0.0157787	0.0158271	0.0159049	0.0150022	0.0321793	0.0156127	0.0151661
93	0.0162269	0.0157176	0.0156793	0.0158177	0.0165333	0.0159188	0.0164014	0.0328695	0.0159457	0.0161196
94	0.0157617	0.0161679	0.0161388	0.0159449	0.0156621	0.0159398	0.0160607	0.0315232	0.0167357	0.0160322
95	0.0157335	0.0160547	0.0156275	0.032104	0.0159903	0.0320917	0.0162061	0.0316104	0.0157136	0.015851
96	0.0160117	0.0327618	0.0320106	0.0161671	0.0159456	0.0159581	0.0153946	0.0327341	0.0160881	0.0162795
97	0.0159964	0.0149677	0.016019	0.0157771	0.0318547	0.0163223	0.0168526	0.0316536	0.0156549	0.0159945
98	0.0157522	0.016833	0.0164318	0.0160378	0.0162504	0.0159422	0.0160437	0.031558	0.0165954	0.0160317
99	0.0161749	0.0151852	0.0157479	0.0480491	0.0158442	0.0159878	0.0149752	0.0320189	0.015857	0.0157708
100	0.0158802	0.0163884	0.0163969	0.0160734	0.0159329	0.0158811	0.0171158	0.0323155	0.0154767	0.0160458
101	0.0329308	0.0163814	0.0157835	0.0159589	0.0163297	0.0158869	0.0158224	0.0319912	0.0166658	0.0318385
102	0.0152161	0.0151584	0.0157026	0.0159992	0.0165355	0.0162467	0.0161031	0.0320976	0.0159192	0.0165607
103	0.0156577	0.0159794	0.0163225	0.0329094	0.0153184	0.0162425	0.0157128	0.031766	0.0156027	0.0160462
104	0.0170075	0.0170912	0.0164374	0.0159915	0.016065	0.0163656	0.0151971	0.0317839	0.0157328	0.0155344
105	0.0150245	0.0160289	0.0162541	0.0160398	0.0168516	0.0160053	0.0161213	0.0324844	0.0163426	0.0165969
106	0.016318	0.0151177	0.0159703	0.0157406	0.0159884	0.0159365	0.0166027	0.0321001	0.0155424	0.0157207
107	0.016438	0.0165401	0.0159899	0.015811	0.0159006	0.0159994	0.0155437	0.0314129	0.0160454	0.0157963
108	0.0161617	0.0161554	0.0159345	0.0153804	0.0160036	0.0160858	0.0158202	0.0327019	0.0159987	0.0163781
109	0.0161781	0.0160994	0.0160586	0.0166119	0.015997	0.0149944	0.0159224	0.0310932	0.0160824	0.0164801
110	0.0158469	0.0160259	0.0158974	0.0158257	0.0156167	0.0649874	0.0163132	0.032968	0.016823	0.0153223
111	0.0159382	0.0159123	0.0153246	0.0157112	0.0154165	0.0150982	0.0157253	0.0311984	0.0150003	0.0155642
112	0.0151551	0.0157978	0.0156573	0.0157598	0.0161007	0.0167285	0.0162602	0.0324832	0.016435	0.0160603
113	0.0170564	0.015947	0.0166563	0.0162485	0.016827	0.0153558	0.0157065	0.0315739	0.0166117	0.0169869
114	0.0151003	0.0158022	0.0159307	0.0158896	0.0154568	0.0160599	0.0331536	0.0328581	0.0159683	0.0155149
115	0.0165363	0.0159591	0.0154486	0.0159965	0.0155724	0.0163438	0.0159787	0.0310234	0.015569	0.0155678
116	0.0154324	0.0157709	0.0164063	0.0319576	0.0159465	0.0154432	0.0149194	0.0324308	0.0158104	0.0162129
117	0.0164979	0.015884	0.0159784	0.0163146	0.0164647	0.0161324	0.0166234	0.0316457	0.0159137	0.0162072
118	0.0155719	0.0161935	0.0159551	0.0157184	0.0158712	0.0158661	0.0156059	0.0328973	0.0157231	0.0158133
119	0.0159139	0.015671	0.0158293	0.0158806	0.0477172	0.0160093	0.0157369	0.0314053	0.0162182	0.0156471
120	0.0163876	0.0323839	0.0159027	0.0163922	0.0163086	0.0169946	0.016055	0.0324358	0.0163122	0.0164305
121	0.0158124	0.0166202	0.0326194	0.0157238	0.0166742	0.0154135	0.0162257	0.0311095	0.0162112	0.015897
122	0.0157757	0.015916	0.0154014	0.0158994	0.0150439	0.0165771	0.0158216	0.033107	0.0155261	0.0158409
123	0.0159378	0.0151225	0.0161831	0.0162333	0.0160518	0.0151463	0.016572	0.0309236	0.0166205	0.0161122

124	0.0160199	0.016451	0.015722	0.0162873	0.0169473	0.0160084	0.0163965	0.0162877	0.0158928	0.0157195
125	0.0330166	0.0164852	0.0166895	0.0159959	0.0158084	0.0168223	0.0160318	0.0158605	0.0162172	0.0319966
126	0.0156141	0.0160188	0.0155845	0.0165012	0.0151249	0.0159854	0.0159127	0.0160432	0.0157542	0.0160157
127	0.0161641	0.0159977	0.0165938	0.015585	0.0171138	0.0160124	0.01595	0.0158244	0.0162319	0.0160003
128	0.0160882	0.0158816	0.015269	0.0162284	0.015093	0.01594	0.0160354	0.0159172	0.0159999	0.0162679
129	0.0149806	0.0153418	0.0165869	0.0162867	0.0163609	0.0160601	0.0159225	0.032164	0.0153823	0.0165129
130	0.0163212	0.0169032	0.0163802	0.0157343	0.0165956	0.015025	0.0157746	0.0320133	0.0167294	0.0153582
131	0.0159311	0.0159928	0.0150787	0.015944	0.0156921	0.0160159	0.015744	0.0325504	0.0149129	0.0161325
132	0.0161845	0.0158669	0.0169329	0.0157606	0.0157842	0.0160433	0.0161926	0.0320713	0.0169081	0.016617
133	0.0165591	0.0160669	0.0159132	0.0158372	0.0155471	0.0164629	0.0157892	0.0316863	0.0151011	0.0161445
134	0.0156089	0.0159746	0.0158881	0.0162389	0.0167359	0.0160072	0.0159336	0.0319497	0.0327211	0.0153842
135	0.0155755	0.0157814	0.0159499	0.0156293	0.0156265	0.015553	0.0156985	0.0323036	0.0162323	0.0166715
136	0.0166667	0.0160657	0.0152867	0.0161765	0.0155632	0.0320104	0.0160308	0.0315466	0.0149375	0.0154464
137	0.0160635	0.0153168	0.016684	0.015738	0.0161989	0.0159922	0.0160599	0.0323136	0.0165819	0.0163494
138	0.0159213	0.0165896	0.0157484	0.016064	0.0158919	0.0160231	0.0158439	0.032083	0.0154103	0.0158108
139	0.0167694	0.0157108	0.0155207	0.0477974	0.0159377	0.0324498	0.0325382	0.0324176	0.0167817	0.0156162
140	0.0153076	0.0159728	0.0164397	0.0160676	0.0159609	0.0155539	0.0155216	0.0314696	0.0162295	0.0163643
141	0.0168755	0.0155425	0.0154084	0.0159866	0.0164177	0.0478719	0.0159743	0.0316189	0.0158956	0.0161901
142	0.0157175	0.0484813	0.0159882	0.0167833	0.0160114	0.0160798	0.0162306	0.0318288	0.0150706	0.0156837
143	0.0159161	0.0156817	0.0160683	0.0151116	0.0160036	0.0159027	0.0167528	0.0327893	0.0168581	0.0154683
144	0.01649	0.0159136	0.033109	0.0163664	0.0159765	0.0159894	0.0152866	0.0318341	0.016369	0.0160635
145	0.0153654	0.0169678	0.0156134	0.0167152	0.0160193	0.0329513	0.0163431	0.0317906	0.0154895	0.0160901
146	0.0166375	0.0154611	0.0161257	0.0152167	0.015708	0.0470958	0.0162831	0.0326566	0.015692	0.0160995
147	0.0154071	0.0157381	0.0152424	0.0164303	0.0157576	0.0161041	0.0162298	0.0313334	0.0167115	0.0326483
148	0.0154772	0.0164702	0.0159237	0.0164026	0.0165522	0.0158743	0.0154531	0.0326055	0.0159642	0.015195
149	0.0163333	0.0155379	0.016983	0.0159679	0.0479934	0.0165255	0.016555	0.0311313	0.0160934	0.0169905
150	0.0162879	0.0160134	0.0151717	0.0160467	0.0315673	0.0155963	0.0159763	0.0329649	0.0158457	0.0156179
151	0.0155765	0.0168863	0.0168431	0.0159343	0.016477	0.0159019	0.0159104	0.0320471	0.0314055	0.0152841
152	0.0168307	0.0159081	0.0158626	0.0152846	0.0155354	0.0160621	0.0150517	0.0314934	0.0165746	0.0159908
153	0.0158337	0.0160811	0.0156816	0.0166358	0.0167629	0.0159718	0.0165309	0.0313575	0.0161321	0.0164623
154	0.0160933	0.0151581	0.0165688	0.0157497	0.0157871	0.0163993	0.0160939	0.0326043	0.0158115	0.0160123
155	0.0152763	0.0168574	0.0158448	0.0158782	0.0161728	0.0160709	0.0156697	0.0314119	0.0150414	0.0158331
156	0.0167728	0.0149333	0.015547	0.0159384	0.0158249	0.0154762	0.0157265	0.0326925	0.0169846	0.0167787
157	0.0160668	0.0166396	0.0161608	0.0160494	0.0160293	0.0163744	0.0164278	0.0319098	0.0159842	0.0159179
158	0.0159507	0.0161585	0.0162955	0.0157568	0.0153496	0.016631	0.0159196	0.0320175	0.0150164	0.016109
159	0.0155976	0.0159924	0.0151695	0.0159945	0.0168926	0.0152605	0.0155572	0.0316847	0.0160325	0.0159465
160	0.0163651	0.0160169	0.0166516	0.0159519	0.0150809	0.0159231	0.016262	0.0325294	0.0169122	0.0153599
161	0.0160736	0.0156044	0.0154245	0.0156274	0.0169108	0.016792	0.0158625	0.0314115	0.0152719	0.0167039
162	0.0159578	0.0157117	0.0164082	0.0164831	0.0162018	0.0156836	0.0158585	0.0327367	0.0477618	0.0149317
163	0.0159951	0.0162991	0.0160017	0.0162558	0.0155731	0.0154287	0.0331511	0.0311913	0.0162034	0.0160539
164	0.0150576	0.0156467	0.0157252	0.016189	0.0153547	0.0160244	0.0152567	0.0159367	0.0168312	0.0166735
165	0.0159821	0.0160873	0.0159858	0.0151306	0.0170655	0.0169837	0.0159835	0.016235	0.0157437	0.0159288
166	0.0159623	0.0159169	0.015985	0.0482603	0.0159196	0.0153814	0.0166432	0.0157166	0.0164441	0.0153565
167	0.0162249	0.0160542	0.015794	0.0157182	0.0154778	0.0155058	0.0159633	0.0329981	0.0153257	0.0163351
168	0.0168943	0.0329547	0.0329758	0.0159783	0.016129	0.0159984	0.0156912	0.0309432	0.0159038	0.0161724
169	0.0159932	0.0159082	0.0152589	0.0165414	0.0159853	0.0161348	0.0153259	0.0320025	0.0162658	0.0157526
170	0.0154081	0.0152653	0.0164665	0.0159995	0.0157779	0.0164837	0.0171059	0.032296	0.0153958	0.0159226
171	0.0157753	0.0157548	0.0151934	0.0154858	0.0162308	0.0156397	0.015995	0.0324149	0.0167054	0.0157508
172	0.0160217	0.0163865	0.0163796	0.0161452	0.0154389	0.0168341	0.0150176	0.0321653	0.0161077	0.0161303
173	0.0161414	0.0155867	0.0161711	0.0159978	0.0162067	0.0148979	0.0168185	0.0315543	0.0161688	0.0318779
174	0.015619	0.0170892	0.0157381	0.0163382	0.0168576	0.0162178	0.0158793	0.0320398	0.0149564	0.0160883
175	0.0160269	0.015928	0.0164661	0.0157675	0.0155919	0.0159041	0.0162562	0.0324379	0.0165959	0.0159752
176	0.0161669	0.016007	0.0162964	0.0161916	0.0154599	0.0161367	0.0149473	0.0317961	0.0160149	0.0161141
177	0.0167344	0.0478001	0.0157791	0.0157022	0.0165666	0.0157907	0.016871	0.0314429	0.0158135	0.0158621
178	0.0159976	0.016171	0.0151675	0.0159449	0.0159135	0.0162103	0.0154794	0.0318792	0.0162324	0.0163601
179	0.0158791	0.0150062	0.0170877	0.016892	0.0163856	0.0169088	0.0161411	0.0330446	0.0163046	0.0159332
180	0.0159043	0.0170526	0.016044	0.0154392	0.0159897	0.0155458	0.0159445	0.0314938	0.0157916	0.0166101
181	0.015924	0.0158269	0.0157995	0.0165627	0.0158984	0.0154667	0.0161763	0.031489	0.0158732	0.0161763
182	0.0312594	0.0157523	0.0161018	0.0160116	0.0162099	0.016656	0.0158514	0.0322836	0.0157187	0.0159865
183	0.0329706	0.0160418	0.0158912	0.0156723	0.01598	0.0153306	0.0154846	0.032453	0.0157325	0.0157779
184	0.0313067	0.0157661	0.0157916	0.0163386	0.0159995	0.0166033	0.0331583	0.0319212	0.0159374	0.0161955
185	0.0163654	0.0159768	0.0154262	0.015072	0.0153211	0.0155129	0.0151704	0.0316947	0.0159867	0.0158485
186	0.0161169	0.0154822	0.0162582	0.0160669	0.0163722	0.0160269	0.0168142	0.0321202	0.016049	0.0159423

187	0.0315306	0.0162935	0.0155891	0.016019	0.0153967	0.0157642	0.0160126	0.0321484	0.0166991	0.0155156
188	0.0327777	0.0157398	0.0161197	0.0162606	0.0169042	0.0164666	0.0159579	0.031818	0.0315158	0.0165815
189	0.0155179	0.0323731	0.0162775	0.0155689	0.0153391	0.0164785	0.0153304	0.032298	0.0316959	0.0151463
190	0.0161395	0.0159895	0.0155778	0.0159978	0.0166907	0.0154263	0.0161124	0.0323087	0.0324112	0.0159375
191	0.0163695	0.0165734	0.0161551	0.0168823	0.0159619	0.0163671	0.0162121	0.0316074	0.0155756	0.0164952
192	0.0151016	0.0162064	0.0158843	0.0151452	0.0150263	0.0159309	0.0162773	0.0315159	0.0645301	0.0159164
193	0.015964	0.0149717	0.0323323	0.0329638	0.0165267	0.0154321	0.0160002	0.0323491	0.0155209	0.0157291
194	0.015867	0.0163175	0.0156369	0.031988	0.0153628	0.0168848	0.0161221	0.0324353	0.0160203	0.0161196
195	0.0321663	0.0165828	0.0160461	0.0311278	0.0161684	0.0149567	0.0159988	0.0311296	0.0323725	0.0158307
196	0.0158739	0.0160232	0.0168451	0.0164298	0.0163308	0.016101	0.0158824	0.0327483	0.0482026	0.0322147
197	0.0329164	0.0158238	0.0160817	0.0154642	0.0164792	0.0170446	0.0161091	0.0320584	0.0155217	0.016793
198	0.01502	0.0161978	0.0152603	0.0330463	0.0152337	0.0155566	0.0157233	0.031549	0.0168701	0.0155993
199	0.0329702	0.0160294	0.0164354	0.0150451	0.0160453	0.0162879	0.0160115	0.0324411	0.0152457	0.0153652
200	0.0150705	0.0158873	0.016364	0.0168562	0.0168387	0.0150881	0.0157608	0.0316642	0.0162834	0.0164304
201	0.0166189	0.0155619	0.0161072	0.0160114	0.01604	0.0161838	0.0161457	0.0319938	0.0161412	0.0161697
202	0.015442	0.0166227	0.0153075	0.0159712	0.0159181	0.0159609	0.0154778	0.0316115	0.0160645	0.0158106
203	0.0319422	0.0149606	0.0167291	0.0161696	0.0157534	0.016632	0.015796	0.032864	0.0153407	0.0162696
204	0.0160839	0.0168073	0.0159721	0.0159611	0.0157004	0.0162704	0.0162545	0.0317587	0.0167015	0.0160871
205	0.0159502	0.0156347	0.015865	0.015892	0.0164539	0.0160247	0.0164189	0.0317319	0.0156337	0.0151996
206	0.016923	0.0161595	0.0158874	0.0153397	0.0156516	0.0158936	0.0156717	0.0319194	0.0167001	0.0169984
207	0.0150261	0.0158963	0.0160563	0.0158248	0.0165656	0.0159411	0.0158691	0.0322524	0.0311531	0.0160088
208	0.016265	0.0154041	0.0154841	0.0162446	0.0158396	0.0161456	0.0161585	0.0316118	0.0328839	0.0152544
209	0.0158135	0.0164602	0.0164418	0.0156649	0.0159422	0.0159764	0.0160191	0.0324545	0.0149143	0.0165419
210	0.0167619	0.0156929	0.0157372	0.0171055	0.0155285	0.0152724	0.0636469	0.0312471	0.0170265	0.0162274
211	0.0163055	0.0161295	0.0154235	0.0159632	0.0155976	0.0156885	0.0165958	0.0331017	0.0160827	0.0153044
212	0.015955	0.0160234	0.0161737	0.0160293	0.0170117	0.0170738	0.0156565	0.0313373	0.0159387	0.0161973
213	0.0151926	0.0158459	0.0159986	0.0156539	0.0159891	0.0159007	0.0157944	0.0322759	0.0150507	0.0160171
214	0.0161765	0.0322033	0.0159284	0.0161813	0.0152739	0.0156204	0.0163895	0.0321184	0.0168847	0.0160115
215	0.0166572	0.0166257	0.032035	0.0161466	0.0167398	0.0161074	0.0164767	0.0321954	0.015455	0.0153888
216	0.0159557	0.0150101	0.0158227	0.015083	0.0160065	0.0154619	0.0153235	0.0317398	0.0166541	0.01642
217	0.0150666	0.0159934	0.0170547	0.0168651	0.0160112	0.0160613	0.0167934	0.032139	0.0156726	0.0160554
218	0.0169484	0.0166962	0.0160194	0.0160797	0.0149751	0.016868	0.0150017	0.0310373	0.0162076	0.015782
219	0.0149149	0.016226	0.0149769	0.0154787	0.0160239	0.0158452	0.0165003	0.0327567	0.0160488	0.0328028
220	0.0169987	0.0150926	0.0160508	0.0164423	0.0168387	0.0154217	0.0165074	0.0318432	0.0160247	0.0155395
221	0.015012	0.0170138	0.0162756	0.0159503	0.0155981	0.0161303	0.0149183	0.0320759	0.01532	0.0158608
222	0.0169926	0.0160617	0.016198	0.0160773	0.015473	0.015908	0.0170055	0.0318049	0.0166043	0.0154629
223	0.0160389	0.0160182	0.0159711	0.0159245	0.0163473	0.0155157	0.0154056	0.0319796	0.0149719	0.0160694
224	0.0151187	0.0158845	0.0165125	0.0150442	0.0163971	0.0170213	0.0165174	0.0325143	0.0163775	0.0167256
225	0.0158136	0.0160931	0.0160619	0.0169633	0.0162856	0.0152516	0.0159897	0.0314521	0.016369	0.0154733
226	0.0164245	0.0159736	0.0159385	0.0160889	0.0159604	0.0160331	0.0160074	0.0315785	0.0152903	0.0159138
227	0.0156312	0.0158501	0.0160368	0.0160321	0.0158009	0.0159076	0.0154974	0.0163187	0.0162508	0.0162302
228	0.0168694	0.0159426	0.0152488	0.0159611	0.0161455	0.0161052	0.0155992	0.0158993	0.0164714	0.0167148
229	0.0158025	0.0158207	0.0166295	0.0160049	0.0160788	0.0161128	0.0159417	0.0159366	0.0155368	0.0159682
230	0.0162421	0.0316409	0.0152746	0.0151642	0.0158306	0.0159081	0.0163872	0.016177	0.0162162	0.0160583
231	0.0150541	0.0160904	0.0163419	0.0168818	0.0161819	0.0158085	0.0156808	0.0156952	0.0166205	0.015971
232	0.0163687	0.0158869	0.0153612	0.0150726	0.0155882	0.0159668	0.0161114	0.0159203	0.0152757	0.0158105
233	0.0160805	0.0160977	0.0168791	0.0169198	0.0158892	0.016186	0.0164382	0.0161736	0.0165696	0.016066
234	0.0165188	0.0158601	0.0157983	0.0156604	0.015866	0.0162066	0.0153262	0.0318784	0.0152412	0.015939
235	0.0166667	0.0328089	0.0154229	0.0154446	0.0160472	0.0158407	0.0161298	0.032476	0.0167853	0.0155555
236	0.0162922	0.0149557	0.0164572	0.0167018	0.0166676	0.0160848	0.0318575	0.0317386	0.014993	0.0162382
237	0.0157204	0.0160909	0.0158835	0.0154866	0.0158508	0.0157198	0.0322679	0.0325557	0.0160083	0.0161611
238	0.0162319	0.0168728	0.0158239	0.0160137	0.0154563	0.0169867	0.0328215	0.032155	0.0169889	0.0153996
239	0.0160339	0.0152362	0.016064	0.0156298	0.0158166	0.0152606	0.0640128	0.0319556	0.0157318	0.0162965
240	0.0156999	0.0164544	0.0327546	0.0166407	0.0167124	0.0160469	0.0154717	0.0315457	0.0162394	0.0155976
241	0.0162823	0.0156	0.015388	0.0158743	0.0159139	0.0156398	0.0157978	0.0318568	0.0150767	0.0161512
242	0.0150655	0.0159636	0.0155831	0.0165479	0.0151602	0.0166492	0.0166667	0.0323775	0.0159555	0.0157697
243	0.0167837	0.0168596	0.0161454	0.0159537	0.0159358	0.0155779	0.0165307	0.0319014	0.0169793	0.0162248
244	0.0161284	0.0160383	0.0164122	0.0156667	0.0164398	0.0161199	0.0149024	0.0325242	0.0153823	0.0158467
245	0.0160036	0.0149188	0.0158902	0.0163663	0.0156244	0.0158881	0.0164548	0.0314105	0.0160814	0.0319475
246	0.0160013	0.0169055	0.0156856	0.0150512	0.0169578	0.0160917	0.016518	0.0324912	0.0166321	0.0158969
247	0.0159119	0.0160844	0.0164692	0.016021	0.0151712	0.0159173	0.0159967	0.0312457	0.0149944	0.0162791
248	0.015325	0.0156967	0.0165008	0.015803	0.0157978	0.0164046	0.0151116	0.0321559	0.0161575	0.0165971
249	0.0327732	0.0153253	0.0159871	0.0162036	0.0170025	0.0156883	0.0169918	0.0325602	0.0157739	0.0161024

250	0.0160098	0.0169537	0.0160151	0.0168219	0.0160621	0.0156664	0.0149854	0.0312322	0.0167686	0.0158477
251	0.0160072	0.0157846	0.0148596	0.0157022	0.0160696	0.0162395	0.0169672	0.0317766	0.0156148	0.0155558
252	0.0150768	0.0158717	0.0161255	0.0324006	0.0157286	0.0163622	0.0149792	0.0320622	0.0156514	0.0163587
253	0.0319664	0.0160442	0.0169288	0.0150817	0.0159676	0.0156957	0.0169557	0.0326591	0.016655	0.0160016
254	0.0326313	0.0160188	0.0154339	0.0157974	0.0163428	0.0160402	0.0155899	0.0313401	0.0159169	0.0164811
255	0.0313346	0.0157733	0.0163584	0.0170338	0.0156075	0.0159277	0.0154239	0.0331181	0.0163918	0.015809
256	0.0329752	0.015489	0.0155352	0.0159875	0.0160784	0.0160431	0.0160519	0.0313473	0.0154617	0.0157158
257	0.0479407	0.0161932	0.016387	0.0161038	0.0162907	0.0160295	0.0167607	0.0156461	0.0159869	0.0163348
258	0.0152892	0.015962	0.0157185	0.0152351	0.0149369	0.0155967	0.0154498	0.0161276	0.0155721	0.0158137
259	0.0157851	0.0161299	0.0155725	0.0167717	0.0169386	0.0163536	0.0167785	0.0157704	0.0168013	0.0155993
260	0.0321306	0.0327759	0.0162549	0.0158654	0.0151329	0.0157817	0.0152623	0.0329814	0.0151551	0.0162309
261	0.0169575	0.0160063	0.0158048	0.0153034	0.015852	0.0159555	0.0162429	0.0310289	0.0169426	0.0159726
262	0.0159976	0.015983	0.0160632	0.0166247	0.0159836	0.0166488	0.0155284	0.0323971	0.0158653	0.0157229
263	0.0160775	0.015648	0.0160142	0.0151825	0.0161448	0.0154944	0.0158945	0.0322194	0.0155415	0.0161669
264	0.0159859	0.015341	0.0159342	0.0169923	0.0165834	0.0160151	0.0160127	0.0314299	0.016588	0.015748
265	0.015694	0.0160725	0.0159548	0.0150225	0.0153302	0.0161487	0.0160463	0.032479	0.0161397	0.0158718
266	0.015208	0.0168969	0.0319741	0.0169669	0.0160408	0.0162381	0.0159877	0.0325711	0.0152315	0.0158954
267	0.0169273	0.0153986	0.01611	0.0160981	0.0170139	0.0156069	0.0167607	0.0313584	0.0162305	0.0161097
268	0.016155	0.0166747	0.0165976	0.0155747	0.0155645	0.0157522	0.01524	0.0318851	0.0165099	0.0319247
269	0.015999	0.0155119	0.0159794	0.0152831	0.0163422	0.0164406	0.0169369	0.0319434	0.0154124	0.0169412
270	0.0160197	0.0165179	0.0153851	0.0165301	0.0160028	0.0161227	0.0160942	0.0327817	0.0165602	0.0149385
271	0.0160101	0.016013	0.0170086	0.0159985	0.015143	0.0165883	0.0154567	0.0309145	0.0161146	0.0161996
272	0.0154237	0.0160018	0.0159962	0.0163959	0.0163348	0.0150325	0.0165193	0.0321742	0.0160258	0.0164412
273	0.0163864	0.0149913	0.0160163	0.0152518	0.0165114	0.0166065	0.0151386	0.032314	0.0153696	0.0155626
274	0.0160758	0.0167915	0.0159642	0.016032	0.016078	0.0152341	0.0158508	0.0325082	0.0159178	0.0161128
275	0.0159858	0.0151375	0.0151609	0.0168097	0.0159758	0.0160931	0.0169715	0.0313154	0.0162634	0.0159195
276	0.0160359	0.0168386	0.0158962	0.0153107	0.0156554	0.0160345	0.0150802	0.0326866	0.0154846	0.0168275
277	0.0152081	0.0158107	0.016363	0.0156809	0.0161557	0.0160981	0.0159432	0.0316998	0.0164383	0.0160292
278	0.0167878	0.015652	0.0165199	0.0165518	0.0160521	0.0158315	0.0162022	0.0317873	0.015358	0.0159779
279	0.0160712	0.0159527	0.0157893	0.0165054	0.0162055	0.0159559	0.0166699	0.0325419	0.0170761	0.0160268
280	0.0159028	0.0161125	0.0159233	0.0159987	0.0158715	0.0166435	0.0161678	0.0316198	0.0157962	0.0160074
281	0.0151201	0.0158468	0.0159432	0.0149137	0.0152198	0.0161985	0.0149684	0.0322077	0.0157747	0.0148553
282	0.0169914	0.0161292	0.016216	0.0167474	0.0168947	0.0151852	0.0167025	0.031356	0.0157976	0.0169538
283	0.0155777	0.0326982	0.015153	0.0158269	0.0160851	0.0170879	0.0153318	0.032874	0.0155847	0.0159262
284	0.0157037	0.0160471	0.0163642	0.0165087	0.0156633	0.0148664	0.0165571	0.0317369	0.0165481	0.0159843
285	0.015946	0.0153102	0.0159906	0.0150641	0.015264	0.0162846	0.0153911	0.0320715	0.0155892	0.0159326
286	0.0166796	0.0165247	0.0158221	0.0168463	0.0160677	0.0168139	0.0166152	0.0318415	0.0161121	0.0157962
287	0.0160882	0.015026	0.0159676	0.0160137	0.0168792	0.0159785	0.0164292	0.0315859	0.0167983	0.016094
288	0.0159024	0.017075	0.0159522	0.0160453	0.0155373	0.0153579	0.0157708	0.0323078	0.0160642	0.0156578
289	0.0160724	0.0156565	0.0318835	0.0157833	0.0164959	0.0165751	0.015887	0.032154	0.0155047	0.0159907
290	0.0158631	0.0157783	0.0163091	0.016276	0.0159772	0.0150587	0.0161555	0.0318075	0.0163959	0.0160075
291	0.0160088	0.0166477	0.0158158	0.0158767	0.015939	0.0169984	0.0157458	0.031968	0.0150382	0.0327967
292	0.016189	0.014836	0.0159448	0.0159782	0.0151134	0.0159082	0.0164175	0.0321996	0.016129	0.0153283
293	0.015395	0.0170769	0.0166228	0.0153945	0.017045	0.0151458	0.0151493	0.0316913	0.0161347	0.0163664
294	0.016565	0.0160468	0.0154236	0.0156581	0.0159799	0.0168796	0.0164845	0.032586	0.0168091	0.0151829
295	0.0151348	0.0159739	0.0169976	0.0170869	0.0153175	0.0160426	0.0154731	0.0318545	0.0150087	0.0161756
296	0.0168629	0.0160069	0.0157472	0.0151988	0.0158024	0.0161274	0.0169924	0.0320136	0.0169237	0.0168544
297	0.0150621	0.0158755	0.0160055	0.0156936	0.0157401	0.0158806	0.0150907	0.0318674	0.0159367	0.0152523
298	0.0159965	0.0156789	0.0162559	0.0161798	0.0162798	0.0159439	0.0163582	0.0319067	0.0160054	0.0167677
299	0.0160905	0.0156766	0.0151297	0.0165746	0.0168804	0.0153494	0.0163994	0.0313167	0.0159747	0.0153446
300	0.0160776	0.0163889	0.0168309	0.0162407	0.0149691	0.0157163	0.015351	0.032666	0.0157269	0.0167243
301	0.0162971	0.0160521	0.0149977	0.0152603	0.0170105	0.0159717	0.0162506	0.0316196	0.0157444	0.015303
302	0.0165994	0.015632	0.0168827	0.0157384	0.0153207	0.0159576	0.0160464	0.0321147	0.0166555	0.016746
303	0.015912	0.0161122	0.0158049	0.0160975	0.0161649	0.0171828	0.0160898	0.0323162	0.0157323	0.0151779
304	0.0148517	0.0155808	0.0159928	0.0170228	0.0154144	0.0159684	0.0159362	0.0316661	0.0151579	0.0166372
305	0.0170691	0.0162427	0.0159384	0.0157124	0.0168494	0.0151721	0.0156889	0.0324075	0.0169955	0.016092
306	0.0156508	0.015808	0.0153023	0.0163014	0.0162631	0.0167213	0.0159838	0.0315759	0.0151946	0.0149838
307	0.0156069	0.0161546	0.016429	0.0151046	0.0153081	0.0158024	0.0161428	0.031783	0.0161833	0.0161011
308	0.0167021	0.0157471	0.0156153	0.0167582	0.0167584	0.0163014	0.0162715	0.032667	0.0160257	0.0167585
309	0.0151665	0.0160734	0.0162449	0.0159881	0.0159693	0.0150391	0.0159737	0.0316642	0.0168194	0.0152326
310	0.0169344	0.0329049	0.0159713	0.0159946	0.015337	0.0159806	0.0158662	0.0325839	0.0152956	0.0161977
311	0.0158933	0.01527	0.0156824	0.01583	0.0166308	0.0169108	0.0158898	0.0310091	0.015638	0.0157225
312	0.0157183	0.0163314	0.0161094	0.0156066	0.0159665	0.0160505	0.0162531	0.0323704	0.0168767	0.0319481

313	0.0162832	0.0164116	0.0159473	0.0160773	0.0160433	0.0160081	0.0162634	0.031534	0.016044	0.0159922
314	0.0159275	0.0154995	0.032099	0.015622	0.0159779	0.0150669	0.0156733	0.0331022	0.0160249	0.0168872
315	0.0160579	0.0165468	0.0159216	0.0162517	0.0153234	0.0169527	0.0153715	0.030984	0.016054	0.015332
316	0.0160529	0.0160736	0.0161602	0.0164149	0.0165805	0.0159482	0.0160318	0.0329928	0.014884	0.0168662
317	0.0153293	0.015967	0.0159961	0.0160225	0.0149787	0.0150503	0.0169598	0.0314781	0.0170183	0.0149611
318	0.0163234	0.0157838	0.0168591	0.0157909	0.0170162	0.0170006	0.0161037	0.0323546	0.0151693	0.0159727
319	0.0157731	0.0161977	0.0150212	0.0165449	0.0161174	0.0159856	0.0150122	0.0319418	0.016914	0.016344
320	0.0165335	0.0149176	0.016183	0.0159941	0.0160258	0.015968	0.0161611	0.0322545	0.0152684	0.0166782
321	0.0160875	0.0162152	0.0167545	0.0153865	0.0148335	0.0159921	0.0161853	0.0315174	0.0167431	0.0157721
322	0.0158316	0.0163583	0.0161793	0.0156566	0.0170262	0.0160292	0.0166573	0.0314775	0.0149674	0.0160738
323	0.0152673	0.0156554	0.0159267	0.0159982	0.0157921	0.0157253	0.0158462	0.0319226	0.0161456	0.015484
324	0.0161666	0.0159142	0.0160203	0.0161989	0.0163035	0.0155799	0.0161515	0.032892	0.0160076	0.0167691
325	0.0165914	0.0158581	0.0158384	0.0159208	0.0159918	0.015723	0.0158676	0.0315547	0.0166733	0.0159147
326	0.0150441	0.0164723	0.0150124	0.0168358	0.0148848	0.0158953	0.0157883	0.0325177	0.0159706	0.0156733
327	0.0170112	0.0158651	0.0168476	0.0160363	0.0160687	0.0161806	0.0159667	0.031849	0.0162247	0.0158445
328	0.0158775	0.0156192	0.015794	0.0148654	0.0168927	0.0168955	0.0154252	0.0318494	0.0159971	0.0164779
329	0.0155564	0.0162432	0.0154196	0.0161214	0.0151397	0.0159997	0.0164306	0.0321768	0.0155702	0.0157156
330	0.0157062	0.0159188	0.0165962	0.0169388	0.0170839	0.0156698	0.0164796	0.0322198	0.0164328	0.0162915
331	0.0168611	0.0159992	0.0154246	0.0161033	0.0159378	0.0152753	0.0150888	0.0315891	0.0160032	0.0157848
332	0.0155802	0.0158569	0.0158776	0.0152969	0.0160737	0.0164279	0.0159614	0.0315333	0.0157088	0.0160499
333	0.0161041	0.0331524	0.0163083	0.0154914	0.0159626	0.0166857	0.0169884	0.0322925	0.0162432	0.0157098
334	0.0153021	0.0158208	0.0159172	0.0164554	0.0159621	0.0150123	0.0159133	0.0324104	0.016091	0.015813
335	0.0159859	0.0159955	0.0159992	0.0159727	0.0160572	0.0159932	0.0155356	0.0310984	0.0158808	0.0157197
336	0.0162854	0.0154038	0.032913	0.0326892	0.0159921	0.0168253	0.015707	0.0323306	0.0311495	0.0162998
337	0.0159252	0.0164946	0.0160251	0.015007	0.0148353	0.0150684	0.0168487	0.0317406	0.0168996	0.0159027
338	0.0157857	0.0161621	0.0154465	0.0163828	0.0170626	0.0163369	0.0160192	0.032413	0.0159315	0.0158316
339	0.0170353	0.0157618	0.0155135	0.0160477	0.0161003	0.0167557	0.0153512	0.0321772	0.0151022	0.0158772
340	0.0152573	0.015302	0.0169392	0.0162105	0.015929	0.0151071	0.0162235	0.0320434	0.0168528	0.031994
341	0.016109	0.0169938	0.0160496	0.0164179	0.0160719	0.0322607	0.0163442	0.0317425	0.0161372	0.0171217
342	0.0157633	0.0151485	0.0151997	0.0159838	0.0159544	0.0158514	0.0154882	0.0322716	0.0160016	0.0152635
343	0.0167638	0.0160273	0.0165733	0.0159717	0.0149297	0.015729	0.0161634	0.0317874	0.0150365	0.0157582
344	0.016223	0.0161078	0.015534	0.0159855	0.0169791	0.0158606	0.0152991	0.0324013	0.0164481	0.0168539
345	0.015883	0.0163202	0.0167649	0.0157468	0.0161029	0.0163093	0.016583	0.0321928	0.016514	0.0150248
346	0.0159713	0.0164354	0.0150694	0.0158689	0.0152712	0.0159301	0.0163865	0.0319198	0.0151721	0.0164957
347	0.0160229	0.0156341	0.016889	0.0153353	0.0157617	0.0162971	0.0151863	0.0309609	0.0168854	0.0156947
348	0.0152851	0.0153546	0.0159449	0.0169935	0.0162905	0.0156138	0.0168581	0.0326563	0.0150425	0.0159859
349	0.016732	0.0161805	0.0160082	0.0154202	0.016019	0.0165861	0.0152201	0.0322635	0.0164793	0.0163459
350	0.0150835	0.0163214	0.0159304	0.0165634	0.0165036	0.0153048	0.0167685	0.0319051	0.0315492	0.0156969
351	0.0168199	0.0160152	0.0153075	0.015493	0.0150789	0.0162796	0.0160065	0.0317497	0.0165072	0.0160447
352	0.0160335	0.0155349	0.0164653	0.0166196	0.0163192	0.0166282	0.0479137	0.0325818	0.0153015	0.0164687
353	0.0158324	0.0160988	0.0154921	0.0154301	0.0164123	0.0151594	0.0162107	0.0314486	0.0160565	0.0152742
354	0.0162938	0.0160424	0.0161314	0.0156026	0.0162761	0.0167947	0.0149789	0.0322426	0.0169427	0.0161582
355	0.0154082	0.0157023	0.0156936	0.0170734	0.0150313	0.0162612	0.0160116	0.032182	0.0153751	0.0159658
356	0.0155541	0.0326312	0.0162737	0.0158653	0.0159088	0.0151565	0.0160566	0.031465	0.0162528	0.0166802
357	0.0169579	0.0157572	0.0159872	0.0160206	0.0169961	0.0158721	0.0158717	0.0316312	0.01621	0.0158654
358	0.0161051	0.0165202	0.0157868	0.0150948	0.015648	0.0158246	0.0169998	0.0162309	0.016251	0.0156644
359	0.0154266	0.0151196	0.0158319	0.0158125	0.0154882	0.016347	0.0151161	0.0159257	0.0150083	0.0156301
360	0.0166096	0.016229	0.0331485	0.0165185	0.0167553	0.0158658	0.0169662	0.0158107	0.0160102	0.0162974
361	0.015243	0.0165786	0.0150473	0.0157025	0.0155748	0.0165884	0.0155308	0.0160549	0.0163515	0.0160828
362	0.0156006	0.0156023	0.0160296	0.0158671	0.0160311	0.0158168	0.0161714	0.0318891	0.0165781	0.0156149
363	0.0166094	0.0155824	0.0163033	0.0169157	0.0155779	0.0157808	0.0162814	0.0322308	0.0160644	0.032061
364	0.0162445	0.0170163	0.0154848	0.0161022	0.015972	0.0159691	0.0158585	0.0325498	0.0160089	0.0166484
365	0.0155671	0.0149632	0.0168952	0.0159326	0.0169824	0.0159256	0.0156553	0.0319956	0.0159538	0.0154227
366	0.016251	0.0171911	0.0152922	0.01591	0.015002	0.0160508	0.0154998	0.0311965	0.0160362	0.0167299
367	0.0158896	0.0159196	0.0169824	0.0161456	0.0162025	0.0160673	0.0160121	0.0330655	0.0150273	0.0152572
368	0.0165292	0.0154133	0.0159891	0.0159825	0.0157905	0.0160012	0.0167971	0.0316402	0.0169434	0.0165331
369	0.0160443	0.0166225	0.0159905	0.0159535	0.0161874	0.016001	0.0160975	0.031977	0.0154845	0.0155524
370	0.0159754	0.0156451	0.0160458	0.016067	0.0157517	0.0156985	0.0153182	0.0319381	0.0164287	0.016558
371	0.0149411	0.01602	0.01559	0.0152869	0.0172006	0.0163074	0.0156805	0.032311	0.0152618	0.0161818
372	0.0166915	0.0153228	0.0164142	0.0320545	0.0149844	0.0156318	0.0170986	0.0321515	0.0166981	0.0161396
373	0.0155061	0.0164936	0.015965	0.0158872	0.0163889	0.0170605	0.0158423	0.0317322	0.0158932	0.0159274
374	0.0168737	0.0160235	0.0158805	0.0167308	0.0155235	0.0153482	0.0161295	0.0312699	0.0162325	0.0160841
375	0.0160804	0.0158734	0.0156472	0.015295	0.0166439	0.0157958	0.0155344	0.0320678	0.0155997	0.0152533

376	0.0159062	0.0156147	0.0162133	0.016472	0.0164447	0.0166761	0.0158166	0.0321097	0.0154445	0.0167063
377	0.0148872	0.0162936	0.0158496	0.0160088	0.0159697	0.0154017	0.0165235	0.0327723	0.0169548	0.0158579
378	0.0171203	0.0155204	0.0159223	0.0156822	0.0157976	0.0167972	0.0158095	0.0310001	0.0159081	0.0155015
379	0.015095	0.0161086	0.0154169	0.0155654	0.0161979	0.015706	0.0153194	0.0327018	0.0150703	0.0164641
380	0.0168856	0.0160536	0.0162211	0.0162571	0.0149351	0.0162937	0.0168569	0.0316275	0.016422	0.0159795
381	0.0160075	0.0330026	0.0161186	0.0161045	0.0170808	0.0159963	0.0159892	0.0316007	0.0164819	0.0155847
382	0.0159837	0.015912	0.0156181	0.0157937	0.0159835	0.0148788	0.0152	0.0331236	0.0158808	0.0162559
383	0.0148908	0.0151881	0.0161104	0.0160265	0.0151504	0.016744	0.0169418	0.0309102	0.0162439	0.0152936
384	0.0170501	0.0159245	0.0329149	0.0167466	0.0157593	0.0155334	0.0156688	0.0160048	0.0160367	0.0162542
385	0.0151249	0.0168924	0.0149537	0.0156337	0.0166699	0.0168208	0.0152149	0.0161513	0.0159511	0.0157983
386	0.0169659	0.0159605	0.0161988	0.016292	0.0164136	0.0150339	0.0165668	0.0160776	0.0149893	0.0158975
387	0.0148656	0.0150299	0.0159586	0.0158481	0.0150367	0.0159422	0.0158443	0.0158673	0.016946	0.0159704
388	0.0162217	0.0170698	0.0160708	0.0156378	0.0168932	0.0162091	0.016801	0.016019	0.0153558	0.0161458
389	0.0168118	0.0159624	0.0161231	0.0165208	0.0152039	0.016602	0.0159289	0.0158322	0.0166452	0.0159942
390	0.0160084	0.0159413	0.0165838	0.016037	0.0157718	0.0320919	0.0154476	0.0322159	0.0152145	0.0322283
391	0.0160704	0.0160451	0.0159122	0.0150723	0.0161394	0.0157266	0.0164248	0.0323447	0.0168932	0.0158199
392	0.0153042	0.0154926	0.0162649	0.0165711	0.0170129	0.0157893	0.0150669	0.0323755	0.0153669	0.0160945
393	0.0165976	0.0164118	0.0151532	0.0162783	0.0154277	0.0166245	0.0159426	0.0321348	0.0165907	0.0167671
394	0.0160629	0.0153865	0.0168867	0.0160054	0.0160762	0.0157748	0.0160715	0.0315381	0.0157433	0.0159057
395	0.0159118	0.0165439	0.015907	0.0150901	0.0155145	0.0162569	0.0170508	0.0323018	0.0162552	0.0154598
396	0.0160224	0.0151588	0.0149943	0.0159716	0.0159293	0.0154303	0.0149211	0.0321159	0.0150049	0.0167021
397	0.0161511	0.0166222	0.0169137	0.0170848	0.0163617	0.0165461	0.0171087	0.0317967	0.0166088	0.0161118
398	0.0149926	0.0159449	0.0154186	0.0150249	0.0166201	0.0157462	0.0150818	0.0318473	0.0160004	0.01583
399	0.0330058	0.015822	0.0162699	0.0170444	0.0149677	0.0155442	0.0168863	0.032296	0.0153244	0.0150596
400	0.0157037	0.0157431	0.0161369	0.0149709	0.0171143	0.0165157	0.0159854	0.0322281	0.015902	0.0169841
401	0.0155219	0.0161557	0.015921	0.016871	0.0148508	0.0152888	0.0149961	0.0316417	0.0168877	0.0158994
402	0.0160812	0.0157555	0.0159541	0.0151449	0.0171641	0.0158638	0.0159923	0.0313932	0.0154462	0.0153447
403	0.0644892	0.0159414	0.0153533	0.0160456	0.0158339	0.0169853	0.0169808	0.0319181	0.016511	0.0166272
404	0.0151238	0.016099	0.0163647	0.0158107	0.0160097	0.0157601	0.0153074	0.0326392	0.0315738	0.0158663
405	0.0164809	0.0320059	0.015742	0.0161566	0.0160829	0.0162641	0.016729	0.0313238	0.0162762	0.0158032
406	0.0165666	0.0168186	0.0160662	0.015878	0.0148948	0.0151453	0.0159968	0.031972	0.0159463	0.0154025
407	0.0149269	0.0150996	0.0161909	0.0163029	0.0160847	0.0164058	0.0157474	0.0328154	0.0163834	0.0161813
408	0.017004	0.016326	0.0327443	0.0164801	0.016078	0.0156308	0.0162941	0.0317869	0.0156079	0.0158159
409	0.015315	0.0166488	0.0154415	0.0151456	0.0157816	0.0163989	0.01595	0.0318807	0.0154128	0.0161927
410	0.0163832	0.0150943	0.0155725	0.0160374	0.016001	0.0158044	0.0160071	0.0325501	0.0165065	0.0158441
411	0.0160168	0.0169433	0.0159907	0.0159818	0.016342	0.016682	0.016008	0.03182	0.0160482	0.0161344
412	0.0162704	0.0160916	0.0164223	0.0160469	0.0164633	0.0154799	0.0148537	0.0313288	0.0165389	0.0326211
413	0.0157864	0.0159081	0.0162202	0.0159181	0.0163349	0.0161782	0.0165663	0.0159348	0.0152996	0.0162509
414	0.0156644	0.0159641	0.0153661	0.0161723	0.0149194	0.016355	0.0165812	0.0160591	0.0156773	0.0151219
415	0.0164141	0.015213	0.0159341	0.0159305	0.0162551	0.0159198	0.01558	0.015832	0.0170572	0.0160299
416	0.0162709	0.016738	0.0167454	0.0162209	0.015993	0.0153468	0.015898	0.0329484	0.0158162	0.0159117
417	0.015658	0.0160892	0.0162341	0.015928	0.0162428	0.0166973	0.01543	0.0315226	0.0150414	0.0167427
418	0.0158056	0.0152481	0.0160313	0.0165153	0.0165791	0.0150774	0.0169747	0.0324856	0.0170533	0.0156029
419	0.0155048	0.0165345	0.0160637	0.0152776	0.0160421	0.0169475	0.0161565	0.0317123	0.0160846	0.0159015
420	0.015913	0.0159806	0.0158705	0.0161021	0.0154727	0.0151557	0.0158329	0.0313442	0.0149015	0.0167726
421	0.0319654	0.0159013	0.0156214	0.0160721	0.0164085	0.0168503	0.0154153	0.0321656	0.0169283	0.0152934
422	0.0161211	0.0158594	0.0163842	0.0167296	0.0161139	0.0158424	0.0165598	0.0325839	0.0153042	0.016633
423	0.0158366	0.0159652	0.0158239	0.0162599	0.0154672	0.01515	0.015229	0.0317934	0.0166967	0.016032
424	0.0167279	0.0157336	0.0153228	0.0148879	0.0165462	0.0159221	0.0168067	0.0324752	0.0311899	0.0157359
425	0.0153059	0.0161675	0.0165606	0.0170896	0.0159703	0.0169145	0.0156259	0.0318449	0.0158989	0.0162464
426	0.0168129	0.0158375	0.0154536	0.0154214	0.0148999	0.0161211	0.0164009	0.0313047	0.0167935	0.015265
427	0.0161494	0.0157969	0.0157927	0.0154647	0.0160718	0.0156508	0.0160453	0.0328831	0.0151534	0.0166222
428	0.0151333	0.015911	0.0164513	0.0171133	0.0168439	0.0155188	0.0157859	0.0315167	0.0327856	0.0158022
429	0.0162427	0.0321881	0.015943	0.0151026	0.01612	0.0167705	0.0315507	0.0314848	0.0153545	0.0159988
430	0.0156677	0.0168891	0.0157861	0.0158848	0.0160437	0.015324	0.0164443	0.0325916	0.0169706	0.0156974
431	0.0169905	0.0156796	0.0326511	0.0165276	0.0159773	0.0156208	0.0163082	0.03208	0.016003	0.0156043
432	0.0158108	0.0161713	0.0163114	0.0156131	0.0152671	0.0159629	0.0151758	0.0320704	0.0151	0.0161436
433	0.0151891	0.0151066	0.0150751	0.0168851	0.0162577	0.0161278	0.0167514	0.0316516	0.0165721	0.0162453
434	0.015992	0.0163837	0.0158116	0.0149783	0.0159296	0.0158934	0.0160189	0.0320948	0.0163276	0.0158714
435	0.0165151	0.0166175	0.0164408	0.0163987	0.0159086	0.0160722	0.0160367	0.0317424	0.0158822	0.015809
436	0.0155093	0.015999	0.0165698	0.0160097	0.016741	0.0162296	0.0155096	0.0325301	0.0152859	0.0329951
437	0.0168002	0.0151873	0.0156649	0.0164572	0.0151045	0.0163364	0.0159976	0.0317186	0.0164771	0.0152716
438	0.016324	0.016826	0.0163714	0.0161683	0.0159072	0.0475868	0.0154034	0.032194	0.0155012	0.0159814

439	0.0152839	0.0149417	0.0151945	0.015953	0.0160133	0.0159184	0.0166448	0.0152025	0.016821	0.0161887
440	0.0166578	0.0170907	0.0168234	0.015546	0.0161529	0.0160366	0.0164208	0.0161897	0.0149669	0.0164747
441	0.0159305	0.0155566	0.0159577	0.0153663	0.0479723	0.016018	0.0149345	0.0158836	0.0165995	0.0160118
442	0.0151934	0.0162584	0.0161131	0.0171243	0.0160744	0.0168175	0.015951	0.0160409	0.0163576	0.0158461
443	0.0159734	0.0152555	0.0160122	0.030904	0.0165609	0.0153758	0.0171534	0.031924	0.016022	0.0157557
444	0.0165516	0.0166602	0.0159928	0.0160886	0.0310924	0.0162608	0.0155704	0.0320288	0.0159653	0.0164648
445	0.0154052	0.0158432	0.0157506	0.0160632	0.0169097	0.0159281	0.0164337	0.031973	0.031025	0.0148842
446	0.0168614	0.015885	0.0156194	0.0163384	0.0160098	0.0155686	0.0159408	0.0327158	0.016875	0.0170237
447	0.0159367	0.0161202	0.0156859	0.0165797	0.015053	0.0159673	0.015495	0.0312718	0.015627	0.0156382
448	0.0152477	0.0157078	0.0164092	0.0155319	0.0168796	0.0163742	0.015425	0.0322914	0.0164094	0.0155555
449	0.0169163	0.016051	0.0161837	0.0158547	0.0161384	0.0163155	0.0171064	0.0323078	0.0159986	0.0163873
450	0.0149171	0.0156556	0.0157967	0.0166155	0.0158334	0.0153602	0.0151536	0.0314736	0.0157866	0.0159177
451	0.0170954	0.03305	0.0154418	0.0153642	0.0151693	0.0165408	0.0163021	0.0327419	0.0158415	0.0162553
452	0.0158403	0.0160014	0.0166055	0.0166293	0.0170601	0.0164898	0.0165842	0.0320223	0.0164199	0.0154307
453	0.0160462	0.0150709	0.0154992	0.0161004	0.0160038	0.014971	0.0153834	0.0318766	0.0161533	0.0163997
454	0.0158045	0.0167544	0.0318644	0.015468	0.0155887	0.0165335	0.0165845	0.0315958	0.0158822	0.0158769
455	0.0162381	0.0150772	0.0171101	0.0154614	0.0152867	0.0158115	0.0150722	0.0324775	0.0159292	0.0155444
456	0.0159737	0.0163538	0.0148827	0.0168661	0.016497	0.0157899	0.0168969	0.0317235	0.0151848	0.0161455
457	0.0155796	0.0161811	0.0161776	0.0160448	0.015922	0.0159539	0.0152492	0.0315465	0.0161411	0.0161626
458	0.0161951	0.016201	0.0159144	0.015135	0.01665	0.0160767	0.0167661	0.033063	0.0158173	0.0156668
459	0.0161412	0.0164521	0.0159982	0.0169144	0.0155948	0.0168155	0.0151234	0.0311772	0.0162944	0.0327599
460	0.015396	0.0159425	0.016491	0.0159092	0.0164163	0.0154295	0.0168748	0.0326033	0.0159151	0.0152915
461	0.0165068	0.0157887	0.0164177	0.0153591	0.0161051	0.0155249	0.0156043	0.0311184	0.0166165	0.0159617
462	0.0160157	0.0161798	0.0151993	0.0166434	0.0154739	0.0162407	0.0154119	0.0328394	0.0155533	0.0160472
463	0.0151783	0.0156184	0.016857	0.0150531	0.0164499	0.0156814	0.0169696	0.0319267	0.0166557	0.0160459
464	0.0171254	0.0163492	0.0161391	0.0165295	0.0157916	0.0166207	0.0155169	0.0315022	0.0155753	0.0160092
465	0.015237	0.0155984	0.0159095	0.0164307	0.0162473	0.0164106	0.016577	0.0325307	0.0158325	0.0165238
466	0.0165755	0.0161017	0.015997	0.015282	0.0159612	0.0159246	0.0149312	0.015207	0.0160341	0.0163826
467	0.0161582	0.0159461	0.0160611	0.0166975	0.015918	0.0150892	0.0169945	0.0161203	0.0160835	0.0154399
468	0.0150624	0.0159688	0.0159516	0.0160639	0.0152787	0.0170786	0.0149847	0.0160294	0.0162713	0.0165615
469	0.0158283	0.0156812	0.0159049	0.016034	0.016412	0.0150689	0.0160133	0.0158246	0.0158863	0.0160969
470	0.016828	0.0162478	0.0160381	0.0149261	0.0164732	0.0169355	0.0170018	0.0160487	0.0157766	0.0160521
471	0.016054	0.0155252	0.0155979	0.0160298	0.0159337	0.0149897	0.0152258	0.0321156	0.015556	0.0149525
472	0.0152849	0.0161938	0.0159129	0.0162868	0.0150085	0.0159203	0.0166524	0.0325858	0.0169453	0.0169752
473	0.0168999	0.016011	0.0160245	0.0157443	0.0170065	0.016994	0.0160075	0.0319367	0.015023	0.0151478
474	0.0160008	0.0158092	0.0158729	0.0170352	0.0150884	0.0159803	0.0155292	0.0319952	0.0159597	0.0164888
475	0.0150504	0.0158669	0.0155617	0.0158572	0.0166338	0.0160031	0.0157074	0.0323358	0.0169355	0.0162155
476	0.0168116	0.0326588	0.0163028	0.0155155	0.0154855	0.0159349	0.015998	0.031651	0.0151027	0.0151606
477	0.0154929	0.016029	0.0158501	0.016189	0.015663	0.0150402	0.0168545	0.0322297	0.017001	0.0164268
478	0.0165068	0.0161904	0.016045	0.0164146	0.0170082	0.0171487	0.0160492	0.031737	0.0159003	0.0157617
479	0.0160128	0.0152751	0.032863	0.0149215	0.0159531	0.0159615	0.0158675	0.0318821	0.0158202	0.0160587
480	0.0152027	0.0168258	0.0160019	0.0170588	0.0155405	0.0157376	0.0155473	0.0325998	0.0152369	0.0161294
481	0.0157766	0.0155065	0.0152116	0.015684	0.016042	0.0162659	0.0164912	0.0314022	0.016951	0.0157632
482	0.0165656	0.0166001	0.0158959	0.0162229	0.0157194	0.0159689	0.0157833	0.0155022	0.0161402	0.0159183
483	0.0155353	0.0154277	0.0160323	0.0160508	0.0167498	0.0153633	0.0162697	0.0160329	0.0153568	0.0160193
484	0.0168018	0.0165983	0.0166121	0.0161115	0.0153199	0.0157009	0.0160176	0.0158808	0.0166288	0.0328513
485	0.0161153	0.0159574	0.0161862	0.0159272	0.0167547	0.0159158	0.0159818	0.0324335	0.0151933	0.0149999
486	0.0151394	0.016041	0.0157502	0.0152679	0.0160878	0.01709	0.0154266	0.032263	0.0168061	0.0160199
487	0.0159189	0.0159667	0.0162753	0.0158147	0.0159994	0.016013	0.0165716	0.032334	0.0158957	0.0160082
488	0.0159268	0.0155141	0.0160775	0.0159534	0.0159128	0.0159892	0.0151446	0.0315548	0.0161431	0.0169764
489	0.0166275	0.0164738	0.0160254	0.0169687	0.0154137	0.0160129	0.0162492	0.0324447	0.0153036	0.0160141
490	0.0315192	0.0151232	0.0159711	0.0160194	0.0162515	0.0159299	0.0166073	0.0314845	0.0166499	0.0158739
491	0.0160688	0.0160602	0.0148455	0.0157487	0.0152904	0.0159824	0.0160452	0.0319163	0.0157951	0.016089
492	0.0166413	0.0163459	0.0171106	0.015414	0.0169713	0.0160386	0.0157978	0.0317843	0.0162551	0.016012
493	0.0151734	0.0158858	0.0159037	0.0158119	0.0150829	0.0157325	0.0161531	0.0327492	0.0159639	0.0159894
494	0.0160911	0.0160495	0.0159648	0.0170654	0.0159383	0.0157367	0.0149551	0.0318001	0.015711	0.016081
495	0.0164277	0.0158174	0.0160297	0.0148942	0.0165157	0.0164281	0.0166683	0.0313816	0.0154123	0.015953
496	0.0154904	0.0161167	0.0156595	0.0162895	0.0165832	0.0150899	0.0152959	0.0329492	0.0158512	0.0158628
497	0.0165379	0.015894	0.0160673	0.0161083	0.0159986	0.016377	0.0169672	0.0316077	0.0169023	0.0155551
498	0.0165528	0.0326486	0.0158191	0.0166871	0.0160237	0.0324994	0.0153416	0.0317813	0.0151868	0.0161943
499	0.0160961	0.0151167	0.0155614	0.0159825	0.0153782	0.0161029	0.0157617	0.0320928	0.0169316	0.0156554
500	0.0159839	0.0159033	0.0162114	0.0159576	0.0163994	0.0160637	0.0162504	0.032236	0.016011	0.0164613
501	0.015891	0.0159784	0.0159675	0.0150456	0.0162286	0.0159675	0.0166159	0.0313427	0.0154403	0.015711

502	0.0151829	0.0160698	0.0158002	0.0159019	0.0149666	0.0157661	0.0313365	0.0325229	0.0165531	0.0159556
503	0.0161397	0.0159012	0.0320569	0.0169617	0.0167638	0.0162591	0.0159532	0.032174	0.0150724	0.0157187
504	0.0159096	0.0166672	0.0160946	0.0149772	0.0160179	0.0160232	0.0159931	0.0316978	0.0161221	0.0161068
505	0.01666	0.0161534	0.0157989	0.0167209	0.016171	0.0159509	0.0159656	0.0324004	0.0480593	0.0158053
506	0.0161331	0.0161441	0.0165662	0.0313761	0.0152505	0.0153944	0.0163972	0.0313041	0.0162998	0.0160519
507	0.015077	0.0161603	0.016219	0.0323264	0.0166404	0.0166114	0.0159342	0.0319834	0.0153796	0.0159063
508	0.0169006	0.0160023	0.0159433	0.0155984	0.0161865	0.0157943	0.0165548	0.0318454	0.0169399	0.0161165
509	0.0151586	0.0160085	0.0159411	0.0324192	0.0153311	0.0160504	0.0149631	0.0321158	0.0155764	0.0323803
510	0.0157869	0.0159367	0.0155467	0.0165475	0.0166841	0.0154169	0.016078	0.0318686	0.0165184	0.0156622
511	0.0164058	0.0160497	0.016939	0.0159547	0.0159544	0.0167216	0.0165651	0.0326768	0.0159409	0.0167787
512	0.0166165	0.0154001	0.0159989	0.0160571	0.0160526	0.03206	0.0156574	0.031995	0.0155006	0.0160253
513	0.016138	0.0161834	0.0159738	0.0153447	0.0160123	0.0153028	0.016207	0.0320676	0.0165781	0.0156194
514	0.0159636	0.0160924	0.0155336	0.0156554	0.015935	0.0166854	0.0154482	0.0318372	0.0160832	0.0164978
515	0.0155533	0.0159176	0.0163911	0.0170183	0.0150358	0.0158463	0.0160105	0.0322748	0.0149595	0.0157099
516	0.0164565	0.0157667	0.0154799	0.0160201	0.015896	0.0161269	0.0170895	0.031644	0.0160579	0.0161465
517	0.0152213	0.0160714	0.0164086	0.0151568	0.0160618	0.0156705	0.0148945	0.0322971	0.0166356	0.0152955
518	0.0161313	0.0159636	0.0150548	0.0163115	0.0161371	0.0162941	0.0170148	0.0311941	0.0162634	0.0327633
519	0.0166718	0.0155816	0.0168138	0.0166365	0.016874	0.0151076	0.0150712	0.0325469	0.0149881	0.0158584
520	0.0159076	0.0162315	0.015607	0.0160635	0.0158004	0.0169156	0.0160867	0.0323363	0.0170134	0.0157057
521	0.0161197	0.015759	0.0157792	0.0154945	0.0151223	0.016003	0.0166664	0.0319075	0.0150865	0.0153786
522	0.0159777	0.016059	0.0160259	0.0156993	0.0167378	0.0152756	0.0161278	0.0312234	0.0163405	0.0166233
523	0.0159911	0.016003	0.0158164	0.0167898	0.015532	0.0157865	0.0161618	0.0324309	0.016589	0.0320396
524	0.0149333	0.0320537	0.0163324	0.0159678	0.0168032	0.0165315	0.0154488	0.0325682	0.0160262	0.0153548
525	0.017002	0.0158474	0.0157433	0.0148761	0.0158994	0.0163757	0.0163003	0.0314102	0.015958	0.0162126
526	0.0156546	0.0168615	0.0161792	0.0171639	0.0150584	0.0158348	0.0162418	0.0321372	0.0159956	0.0160092
527	0.0161768	0.0153	0.0156534	0.0159691	0.0169205	0.0161976	0.016037	0.0324408	0.0160344	0.0157801
528	0.0159958	0.0168012	0.0322009	0.0155125	0.0155829	0.015846	0.0154942	0.0316486	0.0159301	0.0331464
529	0.0161459	0.0159561	0.0169807	0.0164778	0.015703	0.0161636	0.0164522	0.0319922	0.0159942	0.0155615
530	0.0161136	0.0161588	0.0150815	0.0155044	0.0157329	0.0159912	0.0157134	0.031968	0.0161095	0.015847
531	0.0149464	0.0150092	0.0157885	0.0154783	0.0165062	0.0160376	0.016286	0.0324093	0.0154299	0.0165258
532	0.0167222	0.0169537	0.0165155	0.0159734	0.0156596	0.0160029	0.0155608	0.0310905	0.0161657	0.0151403
533	0.0161999	0.0159794	0.0164648	0.0170899	0.0160956	0.0150396	0.0153219	0.0158744	0.0158149	0.0162876
534	0.0160448	0.0160184	0.0160526	0.0158333	0.0157991	0.016854	0.0162997	0.0161593	0.0154429	0.0159716
535	0.0150206	0.0160434	0.0159542	0.0149993	0.0163523	0.0160621	0.016525	0.0158818	0.0170241	0.0158604
536	0.0170653	0.0154112	0.0161311	0.0171491	0.016476	0.0151325	0.0163073	0.0159456	0.0161048	0.0157318
537	0.0158269	0.0165903	0.0159434	0.0148804	0.0162017	0.0157459	0.0160036	0.0322485	0.0154211	0.0167636
538	0.0160008	0.0155697	0.0161034	0.0171256	0.0159591	0.017131	0.015615	0.0324639	0.0164726	0.0155963
539	0.0161492	0.0161727	0.0149235	0.0155518	0.0151538	0.0148572	0.0153551	0.0319801	0.0158347	0.0165514
540	0.0157736	0.0157811	0.0169994	0.0163197	0.0158958	0.0170432	0.0159125	0.0324111	0.0156003	0.0151873
541	0.0162302	0.0159585	0.0155394	0.0160948	0.0160007	0.0161138	0.0170823	0.0310585	0.0166431	0.0169196
542	0.0149984	0.0158033	0.016156	0.0150258	0.0163182	0.0156591	0.0149778	0.0326404	0.0156667	0.0159071
543	0.0161703	0.0161714	0.0160349	0.0159286	0.0161088	0.0157498	0.0170372	0.0322506	0.0162045	0.0160829
544	0.0156204	0.0156587	0.0161046	0.0170506	0.0161393	0.0156551	0.0148805	0.0318584	0.0151558	0.015814
545	0.0160159	0.0159111	0.0152444	0.0158953	0.0164169	0.0169137	0.0330257	0.0316543	0.0170013	0.0159513
546	0.0490496	0.0158253	0.0158339	0.0153231	0.0160168	0.0156495	0.0152789	0.0325318	0.0149258	0.0157654
547	0.0633735	0.0161075	0.0159712	0.0164849	0.0160271	0.0153091	0.0168611	0.0320246	0.0169988	0.0160252
548	0.0165397	0.0324285	0.0163209	0.0162656	0.0159559	0.0163349	0.0158812	0.0316514	0.0159855	0.0160049
549	0.0162334	0.015708	0.0156566	0.0160335	0.0160667	0.0155771	0.0161126	0.0319503	0.0160891	0.0158333
550	0.0158285	0.016738	0.0162296	0.0159264	0.0157891	0.0322212	0.0157323	0.0319447	0.0149909	0.0158333
551	0.016142	0.0151885	0.0157996	0.0159296	0.015934	0.0479288	0.0162516	0.0317676	0.0170207	0.0159182
552	0.0160203	0.0158419	0.0325502	0.0160912	0.0154242	0.0168892	0.0159266	0.0324929	0.0151543	0.0159935
553	0.0158084	0.0170053	0.0154854	0.0160979	0.0157671	0.0157645	0.0149345	0.031075	0.0167976	0.0328866
554	0.0159043	0.0159945	0.0160085	0.0159772	0.0162995	0.0159985	0.0161761	0.0330004	0.0160198	0.0160401
555	0.0151895	0.0156221	0.016317	0.0153859	0.0317699	0.0153109	0.0168554	0.0316293	0.0154445	0.0148606
556	0.0167741	0.0165328	0.0166876	0.0159394	0.0169525	0.017035	0.0158855	0.0319329	0.0165649	0.0159899
557	0.0161214	0.0150273	0.0156434	0.0158103	0.0148969	0.0160186	0.016154	0.0321616	0.0160107	0.0160933
558	0.0154943	0.0160883	0.0155752	0.0158109	0.0160311	0.0154201	0.0150707	0.0317433	0.0159948	0.0167577
559	0.0167063	0.0167919	0.01632	0.0161231	0.0160113	0.0164096	0.0159156	0.0317479	0.015136	0.0154323
560	0.0157617	0.0149432	0.0165462	0.016823	0.0171736	0.0160909	0.0163219	0.0159379	0.0168233	0.0168607
561	0.016205	0.0169179	0.0160029	0.0160552	0.0158912	0.0320282	0.0167372	0.0159233	0.0156988	0.0151169
562	0.0152003	0.0159958	0.0155762	0.0149528	0.0159463	0.0160548	0.0155135	0.0159717	0.0156271	0.0161521
563	0.0168084	0.0158478	0.0163447	0.0164847	0.015095	0.0156102	0.0162847	0.0327712	0.015683	0.0167345
564	0.0155154	0.0159694	0.0159515	0.0158899	0.0169481	0.0164005	0.0160941	0.0319152	0.0162309	0.0148965

565	0.0164006	0.0158019	0.0158857	0.0167387	0.0151861	0.0154513	0.0151117	0.0313864	0.0157767	0.0160287
566	0.0159969	0.0158319	0.0159208	0.0155562	0.0167708	0.016469	0.0170163	0.0327183	0.0162132	0.0169582
567	0.0160743	0.015636	0.0159356	0.0164773	0.0159569	0.0151468	0.0159711	0.0311651	0.0164612	0.0151
568	0.0159155	0.0160139	0.0159397	0.0157783	0.0157207	0.0168634	0.0149468	0.0329431	0.0153375	0.0166607
569	0.0157646	0.0159431	0.0158466	0.0157456	0.0163003	0.0159867	0.0160443	0.0317778	0.0166352	0.0152366
570	0.0162403	0.0163878	0.0160641	0.0158375	0.0159184	0.0160348	0.0159115	0.03194	0.015193	0.016056
571	0.0161315	0.0157846	0.0154703	0.0165781	0.0160771	0.0155048	0.0165538	0.0321102	0.0168034	0.0161308
572	0.0158539	0.032156	0.015982	0.0160002	0.0161585	0.0154296	0.0161644	0.0319358	0.0482819	0.0164065
573	0.0160929	0.0157184	0.0162829	0.0160644	0.0159022	0.0170361	0.0163897	0.0315665	0.0631795	0.0153493
574	0.0149411	0.0170401	0.0327449	0.0159194	0.0158877	0.0149297	0.015404	0.032161	0.0160853	0.0162972
575	0.0170522	0.0154615	0.0156471	0.0160369	0.0161922	0.0163615	0.0165128	0.0323399	0.0167345	0.0159089
576	0.0159785	0.016468	0.0153198	0.0154792	0.0155339	0.0166271	0.0157916	0.031491	0.0151437	0.0159586
577	0.0160579	0.0153065	0.0165557	0.015633	0.0160827	0.0153691	0.0163156	0.0319744	0.0167873	0.0329047
578	0.0159506	0.0167176	0.0156095	0.0168538	0.0153583	0.0167828	0.0159902	0.032635	0.0155115	0.0150766
579	0.016006	0.0161128	0.016804	0.0159069	0.0169755	0.0157802	0.015242	0.0321471	0.0166249	0.0159741
580	0.0154824	0.01604	0.0159979	0.0151891	0.0159832	0.0150694	0.0167506	0.0314447	0.0158526	0.015997
581	0.0158416	0.0153966	0.0159814	0.0169234	0.0150981	0.0171153	0.0155938	0.0320573	0.015997	0.0164457
582	0.0320726	0.0166103	0.015293	0.0148949	0.0157856	0.015118	0.0163773	0.0321036	0.0155173	0.0164541
583	0.0165048	0.0156972	0.0160198	0.0168527	0.0160092	0.0168519	0.0160146	0.0321151	0.016524	0.0156312
584	0.0150573	0.0159924	0.016758	0.0162312	0.0162842	0.0160514	0.0159544	0.0318709	0.0159512	0.0165433
585	0.0170263	0.0161534	0.0155216	0.0160267	0.0165629	0.0152572	0.0151963	0.0323065	0.0153904	0.0151401
586	0.0152541	0.0157248	0.016506	0.015972	0.0473077	0.0167249	0.0157754	0.0322106	0.0168093	0.0168562
587	0.0165142	0.0160279	0.0157402	0.0157736	0.0166667	0.0152495	0.0165346	0.0319514	0.0156382	0.0160094
588	0.0161709	0.0159863	0.0161744	0.0151263	0.0170302	0.0163823	0.0154375	0.0309665	0.0161095	0.0149098
589	0.0157627	0.0157182	0.0151577	0.0169424	0.0157062	0.0159624	0.0161315	0.0319929	0.0150825	0.0160193
590	0.0162853	0.0159824	0.0167139	0.0150534	0.0162897	0.0154862	0.0158967	0.0328285	0.0169963	0.0168833
591	0.0160744	0.0155058	0.0152614	0.0161951	0.0160706	0.0158226	0.0160047	0.0319139	0.0152006	0.0152026
592	0.0160499	0.016358	0.0158392	0.0158077	0.0159336	0.0169513	0.0171076	0.0314077	0.0169271	0.0165056
593	0.015916	0.0157228	0.0167301	0.0160954	0.0157973	0.0156215	0.0151192	0.0329769	0.0160539	0.0159061
594	0.0160138	0.0160997	0.0153437	0.0489598	0.0153008	0.0165107	0.0168922	0.0313848	0.0152398	0.0160616
595	0.0151017	0.0160665	0.0160682	0.0152482	0.016299	0.0160376	0.015926	0.0320885	0.0166795	0.0159639
596	0.0168873	0.0321932	0.0162411	0.0167804	0.0164657	0.0159783	0.0159304	0.0324381	0.0159625	0.0156224
597	0.0160157	0.0156112	0.015697	0.015071	0.0157335	0.0154078	0.0159077	0.0316418	0.0159728	0.0161028
598	0.0160325	0.0169137	0.0321152	0.0169766	0.0156191	0.0165563	0.0161924	0.0313793	0.0151359	0.0159928
599	0.015046	0.0157056	0.015995	0.0159479	0.0160118	0.0150137	0.0152968	0.0160216	0.0160981	0.032099
600	0.0157642	0.0164083	0.0163719	0.0159371	0.0168665	0.0160118	0.0164579	0.0160782	0.0168296	0.0163092
601	0.0171845	0.0153737	0.0165556	0.0150483	0.0160091	0.016944	0.0160822	0.0158302	0.0160387	0.0154895
602	0.0157239	0.0164463	0.0153263	0.0165146	0.0159524	0.0159524	0.015183	0.032012	0.0160338	0.0160068
603	0.0152527	0.016241	0.0163083	0.0160331	0.0158862	0.0161393	0.0160653	0.0322156	0.0155967	0.0159411
604	0.0318457	0.0160433	0.0155068	0.0164322	0.0161512	0.0160004	0.0162348	0.0324079	0.0163192	0.0159257
605	0.0489364	0.0158789	0.0159313	0.0150271	0.0159971	0.0157545	0.0157908	0.0319738	0.0158559	0.016055
606	0.0151509	0.0159879	0.0161712	0.0161638	0.0160345	0.0158716	0.016796	0.0316442	0.016203	0.0160772
607	0.0162132	0.0161014	0.0167402	0.01691	0.0159065	0.0162011	0.0149821	0.0321069	0.0153117	0.0163435
608	0.016053	0.0154322	0.0161046	0.0157274	0.0150417	0.0152511	0.0159472	0.0319185	0.0167515	0.0163901
609	0.0162778	0.0165601	0.0158662	0.0161689	0.0169358	0.032432	0.0160195	0.0327356	0.0148397	0.0152431
610	0.0165479	0.0156897	0.0149517	0.0160662	0.0150368	0.0474443	0.0163237	0.0317853	0.015923	0.0157534
611	0.0159573	0.0152253	0.0160967	0.0150808	0.016322	0.0320266	0.0157622	0.0318587	0.0160797	0.0163636
612	0.0160624	0.0166718	0.0168684	0.0169556	0.0166656	0.0160967	0.0163904	0.0315085	0.0165953	0.0162404
613	0.015552	0.015865	0.0159462	0.0152995	0.0151337	0.0158143	0.0157497	0.0321381	0.0473717	0.0157246
614	0.0163679	0.0155289	0.0160575	0.0165743	0.0168197	0.0170283	0.015804	0.0317053	0.0162605	0.0158013
615	0.0160523	0.0161466	0.0156722	0.0151677	0.016119	0.0152374	0.0161262	0.0322575	0.0160667	0.0162744
616	0.015859	0.0159431	0.0156076	0.0164223	0.0159624	0.0168307	0.0168675	0.0320957	0.0168608	0.0164791
617	0.0151416	0.0160337	0.0159501	0.016499	0.0159713	0.0160164	0.0152629	0.0324132	0.0150771	0.0153135
618	0.0169964	0.0323755	0.0162961	0.0160009	0.0158996	0.015561	0.0157304	0.0321566	0.0168472	0.0165222
619	0.016014	0.0154664	0.015496	0.0149493	0.0160286	0.0154456	0.0170083	0.0315258	0.0148523	0.015908
620	0.0159931	0.0167678	0.0160496	0.0159617	0.0160281	0.0168051	0.015335	0.0323246	0.0169523	0.0157775
621	0.0150422	0.0157377	0.0161157	0.0170885	0.0161297	0.0161378	0.0166101	0.0319307	0.0155968	0.0161004
622	0.0169389	0.016499	0.0158684	0.014878	0.015881	0.0160077	0.0153084	0.0320023	0.0166354	0.0155768
623	0.0160404	0.0152923	0.015963	0.0161678	0.015103	0.0150242	0.0158509	0.0316377	0.015829	0.0159658
624	0.015983	0.0166642	0.0322742	0.0158155	0.0158455	0.0161243	0.0170728	0.0326844	0.0160687	0.0161793
625	0.0150174	0.0152506	0.015952	0.0168554	0.0170267	0.0158611	0.0159888	0.031986	0.0156866	0.0158635
626	0.0159549	0.0158285	0.0159786	0.0158378	0.0150515	0.0169653	0.0159988	0.0315407	0.0163422	0.0160097
627	0.0168778	0.0170486	0.016863	0.0157881	0.0160532	0.0156586	0.0159688	0.0319237	0.0159931	0.0319547

628	0.015808	0.0152103	0.0150842	0.0160847	0.0164479	0.0164824	0.0160826	0.0320364	0.0159837	0.0162572
629	0.0151897	0.0160915	0.0164355	0.0165672	0.0157719	0.0158615	0.0159126	0.0325389	0.0160961	0.0166326
630	0.0170165	0.0167047	0.0162243	0.0149063	0.0168294	0.0159549	0.0159578	0.0315207	0.0152196	0.0151788
631	0.0161055	0.0159875	0.0162061	0.0170906	0.0158372	0.0160366	0.0149677	0.0314772	0.016743	0.016939
632	0.0151781	0.0148773	0.0161217	0.0154925	0.0161473	0.0148942	0.0167196	0.0327336	0.0160698	0.0161438
633	0.0160089	0.0162631	0.015858	0.0164698	0.0159363	0.0170066	0.0160322	0.0317803	0.0159706	0.0150694
634	0.0158367	0.016612	0.0161399	0.0159533	0.0151438	0.015739	0.0153399	0.0321653	0.0151876	0.016725
635	0.0158425	0.0158645	0.0158608	0.0161275	0.0160075	0.0163991	0.0168749	0.0322149	0.0317466	0.0156109
636	0.0171469	0.0152601	0.015103	0.0158558	0.0159596	0.0150954	0.0155594	0.031616	0.0159133	0.0164257
637	0.0159715	0.0160114	0.0159838	0.0160996	0.0169189	0.016942	0.0160087	0.0316094	0.0163117	0.015875
638	0.0159507	0.0163371	0.0168378	0.0149701	0.0159708	0.0159234	0.0165355	0.0158748	0.0158786	0.0151339
639	0.0160944	0.0160497	0.0150938	0.01687	0.0159153	0.0159024	0.0149329	0.0162684	0.0163629	0.0166142
640	0.0157436	0.0158235	0.016665	0.016002	0.0160192	0.0151635	0.0159038	0.0317671	0.016432	0.0154644
641	0.0162152	0.0159942	0.0156347	0.0158379	0.0160766	0.0164062	0.0167127	0.0321746	0.0151474	0.0166763
642	0.0155932	0.0159865	0.0163486	0.016305	0.0160664	0.0164885	0.0153339	0.0325774	0.0169775	0.0152401
643	0.0163962	0.032042	0.0153625	0.016041	0.0159918	0.0159742	0.016085	0.0319292	0.0150746	0.016568
644	0.0157142	0.0158984	0.0161257	0.0159507	0.0150743	0.0160593	0.0161637	0.0320537	0.0169248	0.0158957
645	0.0163992	0.0163301	0.0162864	0.0159862	0.0165472	0.0159929	0.0161187	0.0319215	0.0156832	0.0158582
646	0.0159522	0.0156672	0.03267	0.0151194	0.0318226	0.016083	0.0157787	0.0313479	0.01529	0.0158376
647	0.015943	0.0160339	0.0159857	0.0160119	0.0158857	0.0152971	0.0162035	0.0328404	0.0160501	0.0160191
648	0.0160241	0.0165886	0.016062	0.0160166	0.0166394	0.015679	0.015882	0.0316808	0.0164692	0.0329073
649	0.0158616	0.0163418	0.0148836	0.0158143	0.0158142	0.0161162	0.0327137	0.0322634	0.0155077	0.015031
650	0.0157416	0.0160014	0.0167805	0.0159412	0.0156019	0.0324855	0.0155449	0.0316439	0.0170585	0.016343
651	0.016333	0.0158989	0.0159347	0.0168378	0.0157987	0.0155029	0.016636	0.0325576	0.0149603	0.0156647
652	0.0161449	0.0150566	0.0159656	0.015531	0.0157362	0.016674	0.0156979	0.0313419	0.0169765	0.0158818
653	0.0152846	0.0162116	0.016226	0.0156584	0.0166449	0.0161255	0.0162786	0.031613	0.015157	0.0170268
654	0.015608	0.0168582	0.0153042	0.0164641	0.016394	0.015763	0.0159782	0.0327089	0.0161943	0.0151193
655	0.017023	0.0159434	0.0166906	0.0163548	0.015248	0.0163128	0.0159427	0.0319422	0.0166826	0.0161842
656	0.0159277	0.0159087	0.0162212	0.0159569	0.0164681	0.0153204	0.015107	0.0323195	0.0151127	0.0167868
657	0.0160343	0.0158491	0.0159994	0.0162656	0.0151397	0.0166971	0.0163722	0.0311454	0.0159062	0.0151382
658	0.0151099	0.015857	0.015892	0.0160514	0.0164048	0.0150163	0.015635	0.0324749	0.0169394	0.0167355
659	0.0168193	0.0153875	0.0160309	0.015967	0.0166	0.0159302	0.0162037	0.0321984	0.0155756	0.0157405
660	0.015398	0.0161132	0.0160454	0.0159671	0.0157877	0.0161265	0.0158392	0.0318177	0.015884	0.0162856
661	0.0166457	0.0158564	0.0154885	0.0160436	0.0154971	0.0169148	0.0165352	0.0321886	0.0165504	0.0160401
662	0.0159696	0.0163595	0.0161664	0.0160313	0.0164124	0.0160616	0.0155928	0.0317071	0.0149832	0.0149641
663	0.0160471	0.0161184	0.0154643	0.0160267	0.016447	0.0158588	0.0157242	0.0315122	0.0160568	0.0164963
664	0.0160955	0.0157061	0.0164193	0.0149156	0.0150319	0.0152024	0.017058	0.0159547	0.0169667	0.0163471
665	0.0158922	0.0160059	0.0154429	0.0162367	0.0169116	0.0168274	0.0160408	0.0160718	0.0159748	0.0159903
666	0.0152123	0.0157096	0.0163886	0.0164111	0.0160575	0.0154779	0.0160072	0.033062	0.0159123	0.0151768
667	0.0168721	0.0327437	0.0155255	0.0156992	0.0160388	0.0165873	0.0153096	0.0315184	0.0160994	0.0163747
668	0.0159475	0.0163797	0.016167	0.0159617	0.0159066	0.0149994	0.0155331	0.0320961	0.016083	0.0161612
669	0.0155652	0.0151588	0.0160278	0.016634	0.014949	0.0161426	0.0163653	0.0323532	0.0155479	0.0154957
670	0.0158908	0.0167478	0.0160506	0.0160154	0.0170144	0.0168357	0.0160299	0.0314114	0.0152696	0.016203
671	0.0166039	0.0151984	0.0159002	0.0156912	0.015905	0.0150038	0.0159682	0.0318354	0.0160024	0.0159102
672	0.0150742	0.0168253	0.0320296	0.0163591	0.0153208	0.0160435	0.0164411	0.0316339	0.0319872	0.0159387
673	0.0159783	0.0152192	0.0158557	0.0156274	0.0167979	0.0159998	0.0163704	0.0331159	0.016257	0.032191
674	0.01673	0.0169297	0.0166753	0.0153899	0.0152535	0.0158588	0.0159345	0.0315723	0.0157977	0.0157179
675	0.0158891	0.0149356	0.0162943	0.0169029	0.0166884	0.0167133	0.0160684	0.0323773	0.0163367	0.01703
676	0.0162777	0.0170472	0.016025	0.0151396	0.0154142	0.0161737	0.0151052	0.0314622	0.0157861	0.0151393
677	0.0160117	0.0160024	0.016132	0.0162616	0.0157321	0.0311546	0.0164156	0.0325786	0.0169029	0.0159987
678	0.0159068	0.0159148	0.0150261	0.0167376	0.0160947	0.0163149	0.0154274	0.0314556	0.0159309	0.0160818
679	0.0154084	0.0159558	0.016961	0.0153771	0.0169187	0.015787	0.0169378	0.0314085	0.0160328	0.0168568
680	0.0166962	0.0158996	0.0154296	0.0155831	0.0149072	0.0168966	0.0151623	0.0322938	0.0160395	0.0159331
681	0.0159013	0.0151008	0.0155007	0.0166414	0.0163068	0.0150539	0.0159	0.0322593	0.0154304	0.0152918
682	0.0161415	0.0171258	0.0167218	0.0164005	0.0167465	0.0165628	0.0160258	0.0319459	0.0154894	0.0160356
683	0.015039	0.0155791	0.0163614	0.0149707	0.0160307	0.015411	0.0158415	0.0316209	0.0166847	0.0156306
684	0.0168918	0.0156945	0.0157731	0.0170064	0.0157296	0.0164901	0.0171816	0.0319752	0.0162704	0.0171044
685	0.0160019	0.0161636	0.0158592	0.0159909	0.0160995	0.0158182	0.0160399	0.0327625	0.0156831	0.0152218
686	0.0159913	0.015882	0.0155833	0.0160725	0.0150775	0.0156122	0.0154177	0.0317323	0.0164299	0.0156492
687	0.0153477	0.0158659	0.0163231	0.0158814	0.0171342	0.0166675	0.0164428	0.0315186	0.0150074	0.0165525
688	0.0166616	0.0160871	0.0158189	0.0159323	0.0158642	0.0164733	0.0150234	0.031934	0.0170201	0.016348
689	0.0160144	0.0155284	0.0162126	0.0154201	0.0149632	0.0149227	0.0170699	0.0161346	0.0160204	0.0159248
690	0.014854	0.0323161	0.0156895	0.015618	0.015939	0.0161457	0.0149251	0.0159728	0.0150873	0.015865

691	0.0167956	0.0159082	0.0156273	0.0167409	0.0164167	0.0160194	0.0170215	0.0159179	0.0167723	0.0157136
692	0.0162044	0.0158469	0.0160333	0.0163519	0.0160348	0.0168954	0.0151836	0.0159778	0.01611	0.0156349
693	0.0152794	0.0171271	0.0161095	0.014915	0.0166265	0.0150149	0.0165739	0.0330213	0.015724	0.0161042
694	0.0163838	0.0151482	0.032922	0.0171106	0.0152665	0.0162485	0.0161265	0.0317018	0.0154143	0.0160101
695	0.015635	0.0167062	0.0160123	0.0159828	0.0167532	0.0156232	0.0161542	0.0318615	0.0159099	0.0161446
696	0.0168147	0.0150875	0.015954	0.0160756	0.0159734	0.0160239	0.0151301	0.0324687	0.0168993	0.0157161
697	0.015987	0.0169081	0.0150645	0.0159436	0.0155568	0.0167845	0.0168481	0.0316406	0.0159732	0.0162135
698	0.016035	0.0161009	0.0162564	0.0158564	0.0157391	0.0163041	0.0154955	0.0320132	0.0160985	0.015811
699	0.0159622	0.0159762	0.0161776	0.0161142	0.015813	0.0160069	0.0153441	0.032097	0.0149812	0.0321057
700	0.0160026	0.014896	0.0164354	0.0152288	0.0163127	0.0160246	0.0170397	0.0319581	0.0165236	0.0163963
701	0.0150058	0.0171352	0.0159895	0.0158228	0.0162784	0.0159488	0.0154585	0.0317574	0.0165265	0.0162935
702	0.0170284	0.0160172	0.0152563	0.0164601	0.0162529	0.0153919	0.0156433	0.0325642	0.0151039	0.0162032
703	0.0152619	0.0151937	0.0157567	0.0165174	0.0161399	0.0165994	0.0163781	0.0315726	0.0160639	0.0159678
704	0.016798	0.0167441	0.0170936	0.0152156	0.0149513	0.0150036	0.0166397	0.0153409	0.0158403	0.0160935
705	0.0148505	0.0157466	0.0160012	0.0166735	0.0162502	0.016989	0.0159786	0.0161377	0.0168717	0.0635984
706	0.0167955	0.0158565	0.0159735	0.0161298	0.0160363	0.015085	0.01507	0.0159013	0.0149674	0.0154458
707	0.0162515	0.0160236	0.0158504	0.0159417	0.0156218	0.0165654	0.0169246	0.031954	0.0166531	0.0162392
708	0.015248	0.0159487	0.0160226	0.0160067	0.0165407	0.0154804	0.014883	0.0321569	0.0160387	0.0162511
709	0.016803	0.0154382	0.0158386	0.0159881	0.0157034	0.0164007	0.0164684	0.0322321	0.0163032	0.0160737
710	0.0153922	0.0160445	0.0158594	0.0160325	0.0161222	0.0157976	0.0166511	0.0324672	0.0149704	0.0153373
711	0.0166547	0.016338	0.0154208	0.0159502	0.0166909	0.0160668	0.0154254	0.0319301	0.016041	0.0159658
712	0.0160067	0.0158752	0.0160242	0.0150325	0.0161355	0.0166135	0.0165319	0.0319476	0.0166078	0.0160731
713	0.0159901	0.0157726	0.0159427	0.0170248	0.0153228	0.0160182	0.0150927	0.0319117	0.0156222	0.0159189
714	0.0158436	0.0330513	0.01621	0.0156873	0.0156458	0.0153991	0.0158264	0.0320599	0.0161603	0.0162825
715	0.0161458	0.0150699	0.0157876	0.015353	0.0169186	0.0158501	0.0162049	0.0320881	0.0167233	0.0157486
716	0.0155183	0.0163031	0.016107	0.016076	0.0160715	0.0161187	0.0158051	0.0319582	0.0159126	0.0161426
717	0.0162324	0.0157461	0.0322017	0.0157075	0.0155146	0.0156502	0.0159746	0.0319662	0.0158253	0.0319085
718	0.0161221	0.0167111	0.0167781	0.0320875	0.016476	0.0158443	0.0160086	0.0314231	0.0152201	0.0163341
719	0.0160829	0.0159278	0.015966	0.0319101	0.015969	0.0167704	0.0160134	0.0318547	0.0162847	0.0158114
720	0.0160192	0.0160614	0.0159704	0.0322038	0.0159763	0.0156175	0.0166688	0.0320473	0.0163304	0.0163538
721	0.0153061	0.0159977	0.0149734	0.0162056	0.0149236	0.0162154	0.0161608	0.0320777	0.0164287	0.0162696
722	0.0157773	0.0161492	0.0159565	0.0155988	0.0168309	0.0162888	0.016249	0.0320797	0.014941	0.0156922
723	0.0168341	0.0159398	0.0165805	0.0162804	0.0162999	0.0159814	0.0152263	0.032622	0.0169813	0.016107
724	0.0155873	0.0160339	0.0161358	0.016714	0.015752	0.0161835	0.0168699	0.0314326	0.0154661	0.0161382
725	0.0157628	0.015489	0.0164148	0.0153049	0.0162624	0.0155095	0.0154051	0.032845	0.0166172	0.0163213
726	0.0159113	0.0157341	0.0150658	0.0168473	0.0159554	0.0164779	0.0165962	0.0315464	0.0159817	0.0151572
727	0.0168157	0.0159291	0.0158346	0.0153324	0.0150744	0.0161134	0.0159663	0.0324255	0.0157485	0.0167678
728	0.0148622	0.0165712	0.017089	0.0165604	0.0169313	0.0159738	0.0159594	0.0315269	0.0155297	0.0160547
729	0.0168959	0.0154238	0.0160273	0.0150355	0.0159061	0.0154423	0.0154079	0.032223	0.015842	0.0159565
730	0.0321335	0.0166704	0.0159803	0.0169675	0.0160126	0.0165957	0.0166142	0.0317598	0.0162601	0.0149408
731	0.0159044	0.015859	0.0156545	0.0161215	0.0150105	0.0159591	0.0160154	0.0154388	0.0166481	0.0162646
732	0.0153328	0.0154665	0.0160867	0.0151577	0.0162499	0.0155929	0.0160259	0.0330746	0.015728	0.0165943
733	0.0161679	0.0160629	0.0161933	0.0168177	0.0163185	0.0158536	0.0150365	0.0311502	0.0313921	0.0153615
734	0.0162791	0.0160578	0.0157434	0.0155032	0.0157105	0.0156717	0.0169796	0.0324007	0.016814	0.0165112
735	0.0158959	0.0159548	0.0158896	0.0164866	0.0159465	0.0169066	0.0158066	0.032157	0.0161079	0.0154653
736	0.0158674	0.0158335	0.0153599	0.0160262	0.0167871	0.0158832	0.0160461	0.0319026	0.0149443	0.0163643
737	0.0165492	0.0159922	0.0163493	0.0149894	0.015517	0.015964	0.0152042	0.0315374	0.0169969	0.0156128
738	0.016088	0.0158686	0.0155705	0.0160955	0.0163815	0.0159859	0.0159307	0.0327524	0.0156738	0.0158775
739	0.0159113	0.0322523	0.0161033	0.0168879	0.0151433	0.0162092	0.0158716	0.0316596	0.0163727	0.0161541
740	0.0159806	0.0168502	0.0161037	0.0153124	0.0169837	0.0159037	0.0170652	0.0319884	0.0155819	0.0322579
741	0.0157558	0.0155726	0.0160554	0.0166886	0.015014	0.0149443	0.014993	0.0321577	0.0163564	0.0155501
742	0.0160518	0.0162332	0.0159432	0.0160072	0.0170475	0.0171422	0.015934	0.0319799	0.015943	0.0170707
743	0.0162963	0.0156782	0.0328539	0.0160352	0.015758	0.0159503	0.0170931	0.0321093	0.0160779	0.0150017
744	0.0149508	0.0160434	0.0149866	0.0149846	0.0162214	0.0159192	0.0159034	0.0321448	0.0160013	0.0161409
745	0.0165405	0.0165095	0.0160131	0.0163811	0.0161025	0.0160779	0.016093	0.0310969	0.015252	0.0167114
746	0.0154662	0.016003	0.0159347	0.015725	0.0149201	0.0159964	0.0153466	0.0324201	0.0164981	0.015657
747	0.016072	0.0159597	0.0161956	0.0163184	0.0159863	0.0159417	0.0166875	0.0320919	0.0163043	0.0161619
748	0.015995	0.0159593	0.0164729	0.0155541	0.016657	0.0160905	0.0155643	0.0320215	0.0159495	0.015226
749	0.0163195	0.016053	0.0164886	0.0163017	0.0161444	0.0160162	0.0159774	0.031923	0.0156901	0.0169971
750	0.01667	0.0160105	0.0151285	0.01601	0.0153781	0.0158798	0.0164439	0.0320051	0.0163511	0.0152489
751	0.0153497	0.0159565	0.0168342	0.0156458	0.0164089	0.0161114	0.0160315	0.0319518	0.0159485	0.0157643
752	0.0157949	0.0159004	0.0159429	0.0160737	0.0158828	0.0158781	0.0159912	0.032154	0.0153741	0.0169106
753	0.0163932	0.015041	0.0161128	0.0168821	0.0164641	0.0161181	0.0159997	0.031883	0.0166642	0.0158438

754	0.0160538	0.0167742	0.0159323	0.0152978	0.0160054	0.0159674	0.0159207	0.0313922	0.0152434	0.0476512
755	0.0156872	0.0159675	0.0152288	0.0167884	0.0159479	0.0160018	0.0159542	0.0331368	0.0156948	0.0319508
756	0.0162714	0.0154728	0.0162369	0.0154927	0.0160037	0.0160062	0.0161046	0.0315782	0.0170227	0.0160756
757	0.0156068	0.0163904	0.0157901	0.0165756	0.0160549	0.0155793	0.0149832	0.0314157	0.0155579	0.0157055
758	0.0161417	0.0159761	0.0167242	0.0150273	0.014899	0.0158263	0.0160932	0.0326553	0.0158467	0.0158724
759	0.0166565	0.0157085	0.0150684	0.0161888	0.0161681	0.015691	0.016839	0.0320952	0.0165845	0.0164983
760	0.0159841	0.0158626	0.016428	0.0161705	0.0164146	0.0158196	0.0153333	0.0317134	0.0160106	0.016517
761	0.0160627	0.0157885	0.0156013	0.0164992	0.0162516	0.0170754	0.0162131	0.0323127	0.0159223	0.0150345
762	0.0159266	0.0331325	0.0158334	0.0151218	0.015998	0.0149366	0.0163273	0.0312665	0.0320803	0.0163097
763	0.015488	0.0160145	0.0159909	0.0169795	0.0153419	0.0170612	0.0152312	0.0323921	0.0158639	0.0158409
764	0.0156766	0.0149387	0.016434	0.0152192	0.0159624	0.0148565	0.016861	0.0316882	0.0160408	0.0158007
765	0.0158019	0.0170534	0.0156995	0.0166872	0.0161479	0.0164884	0.015462	0.0326281	0.0160926	0.0161199
766	0.0161043	0.0157985	0.0324177	0.0160808	0.0164355	0.0166104	0.0159964	0.0321427	0.0158839	0.0170363
767	0.0164966	0.0151884	0.0160653	0.0151263	0.0163258	0.0152624	0.0166576	0.0317144	0.0155655	0.0149545
768	0.0155727	0.0167018	0.015518	0.0164261	0.016087	0.0157157	0.0150027	0.032034	0.0165029	0.0160749
769	0.0168563	0.0160198	0.0159519	0.0164129	0.0160832	0.0169631	0.0169749	0.0152075	0.0161501	0.016787
770	0.0156236	0.0163343	0.0162715	0.0148956	0.015943	0.0157533	0.0160668	0.0161533	0.0153436	0.0159286
771	0.0154922	0.014857	0.0159579	0.0167237	0.015975	0.0153968	0.0154232	0.0318851	0.0165709	0.0160856
772	0.0160654	0.0170453	0.0161996	0.0157933	0.0157532	0.0169977	0.0155112	0.0328805	0.0151798	0.0159897
773	0.0167644	0.0160521	0.0165312	0.0162993	0.0151215	0.0159786	0.0169347	0.0319304	0.0166072	0.0154432
774	0.0157931	0.0149928	0.015302	0.0152468	0.0170404	0.0149218	0.016052	0.031967	0.0157727	0.0315315
775	0.0163763	0.0169093	0.0168259	0.0164713	0.0161747	0.0167297	0.0160474	0.0319964	0.0154604	0.0163141
776	0.0160152	0.01605	0.0151416	0.015754	0.0159381	0.0155189	0.0160078	0.0318771	0.0163472	0.0159592
777	0.0151604	0.015741	0.0168154	0.0165208	0.0150019	0.0160205	0.0152562	0.0317788	0.0165878	0.0161795
778	0.0167102	0.0158437	0.0149566	0.0163576	0.0168046	0.0159379	0.0167599	0.031686	0.0159142	0.0159766
779	0.0159486	0.0161468	0.0165987	0.01594	0.0157893	0.0168142	0.0159853	0.032519	0.0159524	0.0158807
780	0.0160866	0.0157152	0.015374	0.0160308	0.0155317	0.0149694	0.0159207	0.032401	0.0162194	0.0323931
781	0.0159794	0.0160085	0.0167003	0.0159822	0.0168281	0.0171025	0.0154647	0.0315611	0.0155706	0.0153694
782	0.0159421	0.0155033	0.0162082	0.0152282	0.0155531	0.0156013	0.0165928	0.0325055	0.0159626	0.0161317
783	0.0154813	0.0161815	0.0157172	0.0167657	0.0154363	0.0160465	0.0157541	0.0314844	0.0163779	0.0163054
784	0.0156065	0.0160262	0.0159965	0.0159829	0.0164199	0.0153465	0.0162074	0.0321068	0.0159853	0.048193
785	0.0164784	0.0328487	0.0157926	0.0159156	0.0161076	0.0169519	0.0154407	0.0313866	0.0151208	0.0153546
786	0.0165699	0.0151083	0.0159515	0.0161426	0.0164847	0.0160212	0.0160753	0.0330026	0.0169364	0.0160662
787	0.0155119	0.0169205	0.0155922	0.0149955	0.0154927	0.0157329	0.0158605	0.0315287	0.016044	0.0163743
788	0.01606	0.0152525	0.0161784	0.0169362	0.0165927	0.0161504	0.0156966	0.031673	0.0150628	0.0484619
789	0.0163293	0.0159409	0.0158602	0.0150074	0.015656	0.0156677	0.0159477	0.0325099	0.0158579	0.0161507
790	0.01606	0.0166142	0.0160856	0.0169192	0.0163011	0.0163951	0.0170359	0.0318799	0.0169992	0.0157625
791	0.0154142	0.0161247	0.032304	0.0152383	0.0150974	0.0160703	0.0155352	0.0316724	0.0150008	0.0155198
792	0.0166788	0.0152398	0.0166868	0.0159963	0.0169141	0.0159452	0.0154776	0.031875	0.0170258	0.0158722
793	0.0151466	0.0168109	0.0151752	0.0158985	0.0156856	0.0159904	0.0158776	0.0322223	0.01507	0.016885
794	0.0168401	0.0155563	0.0161076	0.016407	0.0162828	0.0160534	0.0159951	0.0324724	0.01697	0.015541
795	0.0155435	0.0164369	0.0162964	0.0165924	0.0157693	0.0154415	0.016426	0.0318413	0.0157809	0.0162259
796	0.015711	0.0160676	0.0163178	0.0158757	0.0151475	0.0154129	0.016702	0.0312279	0.0161796	0.0162473
797	0.0167218	0.0159785	0.0158707	0.0157685	0.0320924	0.0171817	0.0159367	0.0329873	0.0160459	0.0159603
798	0.0159489	0.0151017	0.0156712	0.0163501	0.0170282	0.0159419	0.0161231	0.0311088	0.0159178	0.0160366
799	0.0150667	0.0159498	0.0166157	0.0159641	0.0160721	0.0160194	0.0159223	0.032108	0.0156217	0.0156527
800	0.0169491	0.0166003	0.0151695	0.0151959	0.0158695	0.0160491	0.0159843	0.0327488	0.0164193	0.0163191
801	0.0150011	0.016098	0.0167602	0.0168708	0.0151142	0.0154696	0.0160182	0.0314894	0.0159367	0.0159497
802	0.017	0.0159291	0.0156217	0.0156952	0.0168958	0.0164861	0.0160036	0.0321168	0.0159151	0.0151996
803	0.0151785	0.0157834	0.0162775	0.0162376	0.0156423	0.0156801	0.0160178	0.0482432	0.0151592	0.0163595
804	0.0163315	0.0160107	0.0159781	0.0160109	0.0163886	0.0162699	0.0155559	0.0471848	0.0169919	0.0154199
805	0.0165072	0.0158379	0.0158041	0.0159319	0.0160144	0.01606	0.016347	0.0486024	0.0152672	0.0170833
806	0.0160015	0.0157586	0.0157905	0.0160715	0.0149405	0.0159594	0.0161392	0.0316345	0.01645	0.0159597
807	0.0151334	0.0161574	0.0161697	0.0150118	0.017092	0.015624	0.0159531	0.0322506	0.0157208	0.0153083
808	0.0161815	0.0157729	0.0157202	0.0169678	0.015972	0.0162942	0.0159683	0.032551	0.0164869	0.0167451
809	0.0158906	0.0159893	0.0160476	0.0150426	0.0158674	0.0151058	0.0150087	0.0315511	0.0161098	0.0148946
810	0.0160471	0.032231	0.0158758	0.0169993	0.0160022	0.017014	0.0165772	0.0319969	0.0150719	0.0171704
811	0.0167546	0.0158358	0.0157913	0.0159858	0.0160348	0.0151205	0.0160467	0.0319398	0.0165714	0.0151998
812	0.0159452	0.0168714	0.0158732	0.0155229	0.0150829	0.0168899	0.0161564	0.0321218	0.047833	0.0156644
813	0.0160293	0.0150119	0.0159707	0.0164666	0.0168992	0.0152133	0.0151584	0.0319696	0.0162436	0.0164196
814	0.014863	0.0168519	0.0159414	0.0152295	0.0151207	0.0167958	0.0170603	0.0321741	0.0159378	0.0155784
815	0.016978	0.0152196	0.0331676	0.015695	0.0166183	0.0149479	0.016018	0.0317864	0.0156508	0.0169437
816	0.016138	0.0168001	0.0154395	0.017123	0.0162168	0.0169706	0.0159844	0.0315247	0.0166738	0.0152389

817	0.0149644	0.0151425	0.0156635	0.0159695	0.0160631	0.0160926	0.0159786	0.0321013	0.0151978	0.016217
818	0.0170685	0.0166868	0.0167814	0.0155486	0.0150042	0.015994	0.0160159	0.0161558	0.0166777	0.0157212
819	0.0149794	0.015255	0.0156847	0.0164584	0.0170632	0.0149404	0.0155686	0.0156698	0.0155186	0.0160836
820	0.0165386	0.0170814	0.0153781	0.0154787	0.0160553	0.0160532	0.0156666	0.0320154	0.0157543	0.0159986
821	0.0165028	0.0160214	0.0170061	0.0154707	0.0158623	0.0162088	0.0167577	0.0320946	0.0161108	0.0168017
822	0.0157962	0.0158386	0.015188	0.0162155	0.0160907	0.0167314	0.0158257	0.0320777	0.0165284	0.0152939
823	0.0154152	0.0152328	0.0168821	0.015695	0.0160545	0.0159355	0.0162302	0.0328668	0.0161844	0.0166585
824	0.0157419	0.0168402	0.0159884	0.0164284	0.014879	0.0159476	0.0155599	0.0313639	0.0153622	0.015103
825	0.0167701	0.0159501	0.0160246	0.0165998	0.0162601	0.0160782	0.0163448	0.031617	0.0159332	0.0166467
826	0.0158719	0.0156333	0.0152158	0.0160936	0.0167885	0.0155844	0.0160078	0.0331408	0.0167055	0.0156956
827	0.0162413	0.0159825	0.016671	0.0149909	0.015068	0.015778	0.0160361	0.0315171	0.015	0.0155561
828	0.0158461	0.0162113	0.0157471	0.0161471	0.0169684	0.0163368	0.0152968	0.0319018	0.0170444	0.0169073
829	0.0161907	0.0156953	0.0160692	0.0169077	0.0156119	0.0163268	0.0167143	0.0318547	0.0156719	0.0161765
830	0.0155081	0.0157506	0.0154822	0.0159855	0.0153194	0.0159746	0.0156005	0.0323555	0.0158773	0.015501
831	0.0164552	0.0163411	0.0159464	0.0160115	0.0161682	0.016085	0.0163525	0.0321354	0.0162871	0.0157319
832	0.0159232	0.0156734	0.016208	0.0160252	0.016211	0.0158881	0.0161157	0.0316089	0.016127	0.0159794
833	0.015611	0.0318875	0.0154643	0.0159769	0.0166309	0.0160838	0.0159696	0.0319191	0.0153255	0.0156929
834	0.0166202	0.0169609	0.0164315	0.0159354	0.0149514	0.0150888	0.0148551	0.0324376	0.0165638	0.017006
835	0.015976	0.0159673	0.0155357	0.0160251	0.0165489	0.0158756	0.0163893	0.0320227	0.0161218	0.0160173
836	0.015387	0.0149889	0.0160251	0.0150533	0.0165981	0.0169917	0.0162188	0.0315673	0.0159641	0.0156592
837	0.0166285	0.0159802	0.0162942	0.0168457	0.0148696	0.0155827	0.0158964	0.0325664	0.0159896	0.0156374
838	0.0160167	0.016848	0.032415	0.0160823	0.0160625	0.0162891	0.015639	0.0314547	0.0159167	0.0158477
839	0.015716	0.0151492	0.0157662	0.0159153	0.0170447	0.0150575	0.0169241	0.0320495	0.0160775	0.0159262
840	0.0153022	0.0162391	0.0157472	0.0161892	0.0159619	0.016663	0.0158899	0.032158	0.0157881	0.0160677
841	0.016911	0.0167346	0.0159414	0.0156363	0.0149424	0.016473	0.0160489	0.0321525	0.0161279	0.0160712
842	0.0150509	0.0161048	0.0167288	0.0162706	0.0169972	0.0154145	0.0150501	0.0316071	0.0158779	0.0159973
843	0.0162586	0.015975	0.0161507	0.0154103	0.0160514	0.015649	0.0160076	0.0322685	0.0162851	0.0161029
844	0.0156311	0.0160399	0.0152813	0.0155636	0.0157708	0.0169258	0.0170724	0.0316971	0.015904	0.0158459
845	0.0167119	0.0159104	0.0157111	0.0169581	0.0162583	0.016024	0.0159244	0.0317899	0.0150419	0.016013
846	0.0163584	0.0159861	0.0165324	0.0161166	0.0159757	0.0151386	0.0160766	0.0322033	0.0168734	0.0162364
847	0.0159206	0.0157586	0.0165323	0.0158813	0.015616	0.0168724	0.0159723	0.0319421	0.0161791	0.0167295
848	0.0160317	0.0162194	0.0160834	0.0158328	0.0160986	0.0158808	0.0160278	0.0327129	0.0157389	0.0149917
849	0.0157315	0.0151537	0.0150815	0.0153846	0.0163377	0.0160155	0.0158267	0.0314959	0.01555	0.0169049
850	0.0152939	0.0165222	0.0168125	0.0168678	0.0159558	0.0160728	0.0151062	0.0317818	0.0155616	0.0154857
851	0.0170569	0.0162887	0.0159248	0.0158712	0.0159806	0.016004	0.0170693	0.0322449	0.0171029	0.0154651
852	0.0159453	0.0154927	0.0154413	0.0150805	0.0159222	0.0152367	0.0158831	0.0316621	0.0160208	0.016398
853	0.0152956	0.0159852	0.0156856	0.016461	0.0161447	0.0158786	0.0161431	0.0319017	0.0160088	0.0159761
854	0.0167481	0.0161392	0.0163305	0.0165918	0.0158564	0.0158959	0.0160213	0.032497	0.0155446	0.0156786
855	0.0158856	0.0156999	0.0162927	0.0159357	0.0157389	0.0170532	0.0151398	0.0319953	0.0164752	0.0161397
856	0.0160511	0.0158846	0.0159425	0.0160645	0.0155903	0.0150329	0.0158021	0.0319178	0.0153807	0.0160788
857	0.0151366	0.0160483	0.0153241	0.0154938	0.0166301	0.01645	0.0163041	0.0156795	0.0165366	0.0168864
858	0.0163305	0.0320137	0.0164875	0.016498	0.0157401	0.0165018	0.0166818	0.0158785	0.0154856	0.0153848
859	0.0164385	0.0163757	0.0155928	0.0153801	0.0163633	0.0149875	0.0160209	0.0322243	0.0167	0.016439
860	0.0152685	0.0153788	0.0161124	0.0165331	0.0158341	0.0169154	0.0151021	0.0318708	0.0156309	0.0160082
861	0.0158054	0.0166389	0.0157682	0.0152275	0.015643	0.0150089	0.0163813	0.0326155	0.0162335	0.0160286
862	0.0170031	0.016373	0.0161319	0.0159593	0.0162896	0.0162673	0.0164688	0.0321327	0.0159947	0.015491
863	0.0156357	0.0159691	0.032534	0.0167662	0.0152439	0.0167744	0.0160488	0.0316239	0.0159958	0.0156861
864	0.0164537	0.0160355	0.0154341	0.0160938	0.0169631	0.015781	0.0152323	0.0315789	0.0151277	0.0157848
865	0.0158168	0.0155269	0.0165193	0.0160406	0.0160556	0.0161283	0.0166952	0.032378	0.0168704	0.016994
866	0.0160788	0.0165633	0.0158131	0.0152587	0.015965	0.0155742	0.0160254	0.0319493	0.0149279	0.0152481
867	0.0152559	0.0152074	0.0159607	0.0165189	0.0160378	0.0154763	0.0151485	0.032246	0.0169529	0.0167806
868	0.0165846	0.0167992	0.016314	0.0162627	0.016044	0.0170309	0.016676	0.0319445	0.0150579	0.0159971
869	0.0162715	0.0152936	0.0159032	0.0151483	0.0159774	0.0150856	0.0154647	0.0317677	0.0170394	0.0159897
870	0.015542	0.0167339	0.0157242	0.0157321	0.0158299	0.016385	0.0166354	0.0318473	0.0156254	0.0151967
871	0.0160122	0.0155221	0.0167654	0.0170442	0.0161509	0.0165199	0.0160618	0.0318375	0.0162632	0.0166007
872	0.0164042	0.0162112	0.0160391	0.0158354	0.0158587	0.0152399	0.0160296	0.0327071	0.0156426	0.015406
873	0.0160803	0.0152021	0.0160703	0.0161616	0.0638337	0.0168292	0.0154848	0.0315044	0.016537	0.0167052
874	0.0158656	0.0167519	0.016005	0.0160787	0.0163367	0.0639076	0.01653	0.0325474	0.015331	0.0151225
875	0.0160874	0.0153117	0.0159471	0.0158965	0.0159783	0.0160269	0.0159678	0.0311258	0.0166172	0.0162892
876	0.015314	0.0163511	0.0158121	0.0161255	0.0149711	0.0152818	0.0156406	0.0323051	0.0160025	0.0157922
877	0.0166462	0.0160334	0.016104	0.0159689	0.0322726	0.0166891	0.0323486	0.0325485	0.0160038	0.0166849
878	0.0160621	0.0157963	0.015787	0.0159692	0.0163186	0.0151734	0.0149935	0.0312607	0.0150703	0.0155678
879	0.0159705	0.0156754	0.0153704	0.0159579	0.0163256	0.0164286	0.0160949	0.0325185	0.0166644	0.0157804

880	0.0159413	0.01603	0.0163095	0.0152769	0.0151638	0.0163813	0.0164888	0.0321612	0.0153873	0.0159529
881	0.0160425	0.0160539	0.0159487	0.0167203	0.0158927	0.0152028	0.0154517	0.0313692	0.0164463	0.0164386
882	0.0160046	0.0328631	0.0160928	0.0160388	0.0170451	0.016015	0.0158606	0.0159968	0.0164734	0.016624
883	0.0154663	0.0159135	0.0155836	0.0159419	0.0157172	0.01597	0.0168466	0.0160767	0.0150641	0.0159402
884	0.0165358	0.0151909	0.0160502	0.0160795	0.0151852	0.016735	0.015549	0.0157013	0.0168471	0.015951
885	0.0151376	0.0161553	0.0159597	0.0159713	0.0170525	0.0160913	0.0161159	0.0330386	0.0631467	0.0160479
886	0.0169183	0.0167449	0.0329817	0.0149263	0.0159401	0.0150516	0.0165252	0.0313962	0.0161625	0.0160447
887	0.0152731	0.0160899	0.0159415	0.0160254	0.0161456	0.0168965	0.0157769	0.03241	0.0167185	0.0158116
888	0.0166882	0.0152138	0.0149723	0.0171001	0.0159592	0.0150378	0.0163099	0.0318349	0.0156743	0.0162444
889	0.0149108	0.0160264	0.0166936	0.0150061	0.0159888	0.0159573	0.0159463	0.0320834	0.0163524	0.0151936
890	0.016963	0.0168249	0.0154233	0.0166755	0.0159192	0.0170941	0.0150947	0.0315199	0.0153741	0.0167611
891	0.0161038	0.0153357	0.0167965	0.0163355	0.015541	0.0152516	0.0158386	0.0327784	0.0163594	0.0150951
892	0.0151895	0.0165209	0.0160825	0.0159359	0.0165507	0.0166194	0.0161885	0.0315622	0.0159525	0.0168875
893	0.0168203	0.0161377	0.015558	0.016	0.0151754	0.0161414	0.01607	0.032168	0.0162476	0.0160485
894	0.0160475	0.0159381	0.0156145	0.0150791	0.0157674	0.0160159	0.0160137	0.031901	0.0151607	0.015661
895	0.0155845	0.0156501	0.016926	0.0162322	0.0170658	0.0160138	0.0167548	0.0312662	0.0169533	0.0161594
896	0.0163521	0.0157467	0.0160176	0.0157253	0.0156969	0.0159383	0.0160758	0.0160928	0.0153172	0.0160095
897	0.0160037	0.0160415	0.0158857	0.0169373	0.0158192	0.0159919	0.0148674	0.0160574	0.0166084	0.0159915
898	0.0158857	0.0157191	0.0161329	0.0160479	0.016521	0.0151289	0.016551	0.0158476	0.0151861	0.0159861
899	0.0161349	0.0157682	0.0158541	0.0160218	0.0157087	0.0167677	0.0154693	0.0320991	0.0157006	0.0160147
900	0.0151387	0.0159977	0.0160134	0.0154416	0.01624	0.0161412	0.0169083	0.0326487	0.0165024	0.0159977
901	0.0169059	0.0165005	0.0155767	0.0165155	0.0160505	0.0153891	0.01607	0.0319586	0.0162795	0.0159971
902	0.0152668	0.0158807	0.0161877	0.0149206	0.0155684	0.0165793	0.0160201	0.0317512	0.0152584	0.0159994
903	0.0167324	0.0159604	0.0158888	0.0170879	0.0163851	0.0159758	0.0150628	0.0319408	0.0170394	0.0155385
904	0.0148447	0.0157737	0.0157939	0.0150663	0.0158951	0.0155728	0.0159372	0.0316801	0.0161264	0.0154516
905	0.0170926	0.0160307	0.0160264	0.0168946	0.016027	0.0154415	0.0169771	0.0328926	0.0157845	0.0320033
906	0.0160359	0.0318941	0.0159707	0.0160762	0.0150814	0.0161212	0.0159944	0.0313575	0.0152389	0.0165595
907	0.0151275	0.0160529	0.0158179	0.0158849	0.015907	0.0165363	0.0149858	0.0328654	0.016365	0.0154305
908	0.0161758	0.0163238	0.0157893	0.016094	0.0171013	0.0164101	0.01681	0.0313814	0.0165797	0.016385
909	0.0167256	0.0156768	0.0160697	0.0160262	0.0149956	0.015902	0.0153891	0.0323586	0.0150453	0.0166335
910	0.0159652	0.0168375	0.0321943	0.0150558	0.0169383	0.0150426	0.0164985	0.0311163	0.0168964	0.0155967
911	0.0148963	0.0152699	0.0156995	0.0169944	0.0150479	0.0170048	0.0158234	0.0159436	0.0158251	0.0158503
912	0.0170884	0.0161249	0.0160117	0.0147714	0.017028	0.0160137	0.0155235	0.0327453	0.0162842	0.0167134
913	0.0149944	0.0168355	0.0159503	0.0481215	0.0159801	0.016005	0.0161392	0.0315298	0.0158767	0.0159244
914	0.0169868	0.0160111	0.0169448	0.0170247	0.0150003	0.0159953	0.0168579	0.0318307	0.0150529	0.0160712
915	0.0160569	0.0159923	0.015603	0.0156595	0.0159438	0.0150851	0.0160377	0.0325305	0.016915	0.0152366
916	0.0151225	0.0159767	0.0154534	0.0163198	0.0167919	0.0167966	0.0161106	0.031857	0.0158188	0.0163535
917	0.0161057	0.016013	0.0160882	0.0160016	0.016259	0.0150824	0.0158789	0.0318686	0.0163066	0.0164431
918	0.015823	0.0149815	0.0159961	0.0150591	0.0150192	0.0160555	0.0159263	0.0325655	0.0149909	0.0159545
919	0.0166799	0.0170029	0.0160253	0.0161905	0.0169704	0.0160113	0.0153055	0.0314017	0.0169117	0.0159874
920	0.0158807	0.0156473	0.0159394	0.0160649	0.014948	0.0170019	0.0158134	0.0328209	0.0160777	0.0160241
921	0.0163717	0.0160727	0.016883	0.0166897	0.0162746	0.0159457	0.0170017	0.0309135	0.0152671	0.0156691
922	0.0150728	0.0157108	0.0150345	0.0160636	0.0167966	0.016075	0.0161034	0.0319804	0.0167279	0.0162292
923	0.0168077	0.0160958	0.0160004	0.0310418	0.0149645	0.0160107	0.0159376	0.0160581	0.0159591	0.0159927
924	0.0157152	0.015891	0.0160061	0.0158356	0.016544	0.0159	0.0158824	0.0160865	0.0150708	0.0161389
925	0.0154357	0.0155902	0.0159733	0.0170645	0.0164789	0.0160128	0.0161357	0.0329569	0.0168631	0.0152065
926	0.0169446	0.0159437	0.0161281	0.01597	0.0156398	0.0159083	0.0159167	0.0314428	0.0157743	0.0167533
927	0.0154066	0.0162076	0.0159981	0.0160325	0.0163163	0.0151905	0.0161101	0.0315114	0.0161689	0.0153017
928	0.0156341	0.0157511	0.015891	0.0154449	0.0160656	0.0169577	0.0159809	0.032652	0.0161744	0.0166289
929	0.0169754	0.0161167	0.0162764	0.0154216	0.015397	0.0159354	0.0153698	0.0322657	0.0152326	0.0150017
930	0.0160171	0.0321475	0.0158207	0.0170404	0.015939	0.0160606	0.0163959	0.0311201	0.0156771	0.0168649
931	0.0159985	0.0156871	0.015982	0.0160882	0.0158349	0.0149732	0.0152829	0.0329072	0.0170559	0.015102
932	0.0151777	0.0161212	0.0159529	0.0160129	0.0167837	0.0169921	0.0159139	0.0315043	0.0159833	0.0170989
933	0.0162505	0.0168526	0.0160381	0.0160013	0.0161239	0.0151074	0.0169097	0.0320101	0.0160542	0.0150413
934	0.0165996	0.0159721	0.0159923	0.0150094	0.0156146	0.0158028	0.015782	0.0322711	0.0151164	0.0169348
935	0.0159128	0.0152578	0.0321277	0.0168247	0.0162942	0.017056	0.0155053	0.0316774	0.0168711	0.0149402
936	0.0160734	0.0163569	0.0163359	0.0161309	0.0152775	0.0161274	0.0168786	0.0324059	0.0159585	0.0168126
937	0.0153134	0.0165872	0.0160759	0.0160351	0.0167267	0.0154674	0.0155421	0.0152922	0.0153367	0.0156266
938	0.0158084	0.0154671	0.0161688	0.0160461	0.015844	0.0159377	0.0160797	0.0158823	0.016707	0.0158073
939	0.0162156	0.0165295	0.0154701	0.0158701	0.0155585	0.0165436	0.0163165	0.0320135	0.0155344	0.0161338
940	0.0158131	0.0159205	0.0166422	0.0161086	0.0157123	0.015785	0.0158883	0.031949	0.0163343	0.0316649
941	0.0165734	0.0160882	0.0162488	0.0159281	0.0168929	0.0161863	0.0161204	0.0324457	0.0161308	0.016073
942	0.016283	0.0149863	0.0151737	0.0149437	0.0149331	0.0155657	0.0160164	0.0320511	0.0150662	0.0158572

943	0.0157426	0.0158829	0.0168276	0.0170597	0.0171014	0.0164247	0.0151827	0.0319495	0.0168877	0.0170348
944	0.0162378	0.0165968	0.0160335	0.0159076	0.0154377	0.0158306	0.015804	0.0318699	0.0159441	0.0149485
945	0.0155824	0.015495	0.0159783	0.0154877	0.0165571	0.0162073	0.0163756	0.0326697	0.0154066	0.0171923
946	0.0153698	0.0160463	0.0159218	0.0157991	0.015956	0.0157552	0.0166277	0.0315753	0.0159898	0.0154795
947	0.0170304	0.016394	0.0159816	0.0168464	0.0152327	0.0162595	0.0159998	0.0319557	0.0166605	0.0164162
948	0.0159889	0.0159803	0.0156497	0.0160022	0.016807	0.0159436	0.0160421	0.0323112	0.0159591	0.0159539
949	0.0148908	0.0158814	0.0154387	0.0148386	0.0159683	0.0154725	0.0152291	0.0318105	0.0160584	0.0159181
950	0.0170625	0.0161187	0.0165253	0.0160748	0.0148856	0.0163745	0.0155989	0.031366	0.0160242	0.016035
951	0.0160561	0.0159026	0.0159114	0.0170544	0.0171194	0.0160792	0.0171296	0.0160786	0.0155654	0.0160207
952	0.0160066	0.0158126	0.0154805	0.0159856	0.0160475	0.015512	0.0159714	0.0321525	0.0164551	0.0160443
953	0.0149246	0.015935	0.0163579	0.0160456	0.015153	0.0154681	0.0160723	0.03267	0.0158603	0.0160409
954	0.017053	0.0160055	0.0162074	0.0159907	0.0157279	0.0167575	0.0159569	0.0319264	0.0159777	0.0160591
955	0.0148996	0.0320285	0.0153737	0.0153856	0.017089	0.0162586	0.0149149	0.0320081	0.0151148	0.0149723
956	0.0321553	0.0158414	0.0163993	0.0166053	0.0149567	0.0150666	0.0171367	0.0316048	0.0170105	0.0159063
957	0.0489389	0.0160344	0.0157272	0.0159152	0.017054	0.0159523	0.0156762	0.0325687	0.0159517	0.0168756
958	0.0151137	0.0166397	0.0160221	0.0152718	0.0159622	0.016807	0.0154555	0.031523	0.0157241	0.0162274
959	0.0169272	0.0163295	0.0329208	0.0166775	0.0159926	0.0162332	0.0168111	0.0316571	0.016286	0.0154438
960	0.0153018	0.0155754	0.015188	0.016177	0.0152942	0.0151394	0.0154796	0.0322107	0.0160248	0.0165578
961	0.0162575	0.0154553	0.0164332	0.0149053	0.0161415	0.016134	0.0164792	0.0324799	0.0154349	0.0159316
962	0.0162881	0.0170402	0.0159823	0.0169986	0.0165714	0.015932	0.0150706	0.0319256	0.0155883	0.0160522
963	0.0151032	0.0160205	0.0153942	0.0156311	0.015901	0.0157732	0.0168109	0.0318593	0.0159172	0.0153769
964	0.0160275	0.0159551	0.0168675	0.016451	0.016108	0.0162819	0.0161979	0.015413	0.0170752	0.0157264
965	0.0171024	0.0160223	0.0162535	0.0156525	0.0161238	0.0166328	0.0159406	0.0320443	0.0159859	0.0165532
966	0.0150472	0.0160187	0.0159431	0.0163127	0.0156871	0.0161202	0.0160541	0.0325378	0.01489	0.0161909
967	0.016453	0.0157584	0.015977	0.0159834	0.0158204	0.0157379	0.0159767	0.0321177	0.0170484	0.015064
968	0.0163052	0.0154247	0.0159763	0.0159917	0.0163583	0.0162862	0.0159112	0.0321841	0.0154013	0.0160808
969	0.0151119	0.0165079	0.0153159	0.0149696	0.0152596	0.0152073	0.0157128	0.0315382	0.0166618	0.0164243
970	0.0169979	0.0157479	0.0167559	0.0169274	0.0167887	0.0167823	0.0164188	0.031969	0.0152303	0.0165968
971	0.0154919	0.0161507	0.0153446	0.0158081	0.0153943	0.0159001	0.0159552	0.0322615	0.0166495	0.0159611
972	0.0156015	0.0156549	0.0155909	0.0163757	0.0165873	0.016061	0.0160374	0.0313558	0.0160886	0.0152468
973	0.0169005	0.0156818	0.0164938	0.0150196	0.0159496	0.0160159	0.0160058	0.0326601	0.0159963	0.0160397
974	0.0159501	0.0164809	0.016212	0.0158111	0.0159207	0.0159835	0.0158647	0.0319799	0.0150918	0.0156085
975	0.015084	0.0154864	0.0154603	0.0161666	0.0150398	0.0154699	0.0161782	0.0318211	0.0168734	0.0159613
976	0.0169765	0.0162355	0.016045	0.0168977	0.0171007	0.0165744	0.0152643	0.0321962	0.0151116	0.0170355
977	0.0157868	0.0158526	0.0162343	0.015374	0.0158115	0.0156958	0.0161699	0.0312906	0.016943	0.015123
978	0.0162408	0.0319175	0.0158207	0.016624	0.0152387	0.0162854	0.0165103	0.0329813	0.0159291	0.0158442
979	0.0151637	0.0168583	0.0157277	0.0149851	0.0164823	0.0154898	0.015969	0.0311644	0.016059	0.0164617
980	0.0161983	0.0152303	0.0161826	0.0167831	0.016492	0.0162841	0.0150319	0.0326233	0.015149	0.0155701
981	0.0166381	0.0163046	0.0157954	0.0162013	0.0149655	0.0161961	0.0160019	0.0318964	0.0168665	0.0159774
982	0.0148428	0.0165586	0.0159726	0.0160897	0.0164347	0.0159365	0.032528	0.0314208	0.0160488	0.0159949
983	0.0163463	0.0155386	0.0320303	0.014983	0.0166283	0.0159515	0.0155406	0.03214	0.0159953	0.0166114
984	0.0166609	0.0165797	0.0160973	0.0160242	0.0157892	0.0161934	0.0169436	0.0323004	0.0159942	0.0161998
985	0.0152271	0.0160007	0.0160164	0.0169897	0.015772	0.0148802	0.0159647	0.0317808	0.0149261	0.0155941
986	0.0158046	0.0160237	0.0168571	0.0160769	0.0164081	0.016853	0.0149673	0.0323686	0.0170772	0.016494
987	0.0170508	0.0153399	0.0152609	0.0150185	0.0148723	0.0158511	0.01699	0.0322575	0.0160082	0.0157485
988	0.0160147	0.016719	0.0163231	0.0169639	0.0170801	0.0161882	0.0160101	0.0312738	0.0159918	0.0163263
989	0.0148827	0.0157024	0.0160033	0.0159434	0.0160296	0.0151086	0.0156287	0.0318421	0.0154699	0.0153455
990	0.0170286	0.0162027	0.0156205	0.0149928	0.0150707	0.0170666	0.0153015	0.0320812	0.0164195	0.0166593
991	0.0161441	0.0158249	0.0169115	0.0165884	0.0169211	0.0154818	0.0165152	0.032529	0.0159196	0.0158859
992	0.0155721	0.0160114	0.0160414	0.0164319	0.0159347	0.0163848	0.0166185	0.0322965	0.0162105	0.0162863
993	0.0153673	0.0153243	0.0159512	0.0156441	0.0160235	0.0150911	0.0157284	0.0314982	0.0155301	0.0150235
994	0.0170582	0.0157764	0.0160499	0.0158382	0.0149541	0.0169654	0.016218	0.0323899	0.0164463	0.0165263
995	0.0159878	0.0165461	0.0159952	0.0165013	0.0169119	0.0161252	0.0158334	0.031147	0.0160044	0.0157354
996	0.0159604	0.0157238	0.0152889	0.0157474	0.0158385	0.015975	0.0161085	0.0329665	0.0152968	0.0166866
997	0.0153244	0.0161621	0.0161718	0.0162401	0.0157412	0.0149003	0.0155626	0.0316907	0.016678	0.0158965
998	0.0159972	0.0156509	0.015613	0.0158093	0.0155325	0.0170443	0.0155484	0.0322722	0.0160251	0.0154455
999	0.0157239	0.0159596	0.0164715	0.0152324	0.0170473	0.0153388	0.0167279	0.0317521	0.0148646	0.0166156

AVERAGE of bu	AVERAGE of cili	AVERAGE of cili	AVERAGE of cu	AVERAGE of cu	AVERAGE of ico	AVERAGE of pis	AVERAGE of rgc	AVERAGE of uv	AVERAGE of uv
0.0169394163	0.0167424245	0.0166624438	0.0165012079	0.0164008326	0.0165819713	0.0164541543	0.0305849397	0.0167597004	0.0167832663

bunny.vtk	cilindroo.vtk	ci	uvSphere.vtk	uvSphereG.vtk
0.0169394163	0.0167424245		0.0167597004	0.0167832663

Modelo	Tiempo por cuad
cubo.vtk	0.0164008326
piso.vtk	0.0164541543
cuadrado.vtk	0.0165012079
icoSphere.vtk	0.0165819713
cilindroRadio.vtk	0.0166624438
cilindroo.vtk	0.0167424245
uvSphere.vtk	0.0167597004
uvSphereG.vtk	0.0167832663
bunny.vtk	0.0169394163
rgc.vtk	0.0305849397

MAX of bunny.vtl	MAX of cilindroo.	MAX of cilindroR	MAX of cuadradc	MAX of cubo.vtk	MAX of icoSpher	MAX of piso.vtk	MAX of rgc.vtk	MAX of uvSphere	MAX of uvSphere
0.0644892	0.0484813	0.0331676	0.0489598	0.0638337	0.0649874	0.0640128	0.0645226	0.0645301	0.0635984

bunny.vtk	cilindroo.vtk	ci	uvSphere.vtk	uvSphereG.vtk
0.0644892	0.0484813		0.0645301	0.0635984

Modelo	Tiempo por cuad
cilindroRadio.vtk	0.0331676
cilindroo.vtk	0.0484813
cuadrado.vtk	0.0489598
uvSphereG.vtk	0.0635984
cubo.vtk	0.0638337
piso.vtk	0.0640128
bunny.vtk	0.0644892
rgc.vtk	0.0645226
uvSphere.vtk	0.0645301
icoSphere.vtk	0.0649874

MIN of bunny.vtk	MIN of cilindroo.v	MIN of cilindroRa	MIN of cuadrado	MIN of cubo.vtk	MIN of icoSphere	MIN of piso.vtk	MIN of rgc.vtk	MIN of uvSphere	MIN of uvSphere
0.0091559	0.014836	0.0148455	0.0147714	0.0143977	0.0148565	0.0148537	0.0151334	0.0148397	0.0140036

bunny.vtk	cilindroo.vtk	ci	uvSphere.vtk	uvSphereG.vtk
0.0091559	0.014836		0.0148397	0.0140036

Modelos	Tiempo por cuad
bunny.vtk	0.0091559
uvSphereG.vtk	0.0140036
cubo.vtk	0.0143977
cuadrado.vtk	0.0147714
cilindroo.vtk	0.014836
uvSphere.vtk	0.0148397
cilindroRadio.vtk	0.0148455
piso.vtk	0.0148537
icoSphere.vtk	0.0148565
rgc.vtk	0.0151334