INFSCI 2809: Spatial Data Analytics

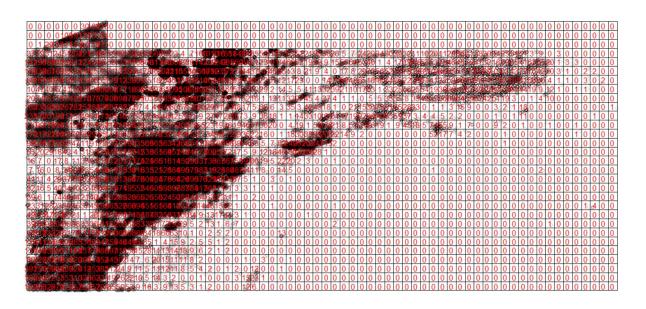
Project 2 Report

Student: Zechen Wang (zew20)

I. Regular quadrant sample approach

a. Map

Regular Quadrant Sample Approach



b. Table

	K	Х	Κ – μ	$(K-\mu)^2$	$X(K-\mu)^2$
1	0	943	-78.9187	6228.159	5873154
2	1	63	-77.9187	6071.322	382493.3
3	2	27	-76.9187	5916.484	159745.1
4	3	23	-75.9187	5763.647	132563.9
5	4	17	-74.9187	5612.81	95417.76
6	5	22	-73.9187	5463.972	120207.4
7	6	6	-72.9187	5317.135	31902.81
8	7	9	-71.9187	5172.298	46550.68
9	8	9	-70.9187	5029.46	45265.14
10	9	18	-69.9187	4888.623	87995.21
11	10	7	-68.9187	4749.785	33248.5
12	11	16	-67.9187	4612.948	73807.17
13	12	6	-66.9187	4478.111	26868.66

14 13 8 -65.9187 4345.273 34762.19 15 14 9 -64.9187 4214.436 37929.92 16 15 8 -63.9187 4085.599 32684.79 17 16 7 -62.9187 3958.761 27711.33 18 17 9 -61.9187 3333.924 34505.31 19 18 11 -60.9187 3711.086 40821.95 20 19 11 -59.9187 3590.249 39492.74 21 20 9 -58.9187 3471.412 31242.7 22 21 7 -57.9187 3354.574 23482.02 23 22 5 -56.9187 3329.737 16198.68 24 23 7 -55.9187 3126.9 21888.3 25 24 3 -54.9187 3016.062 9048.187 26 25 3 -53.9187 2907.225 8721.674 <						
16 15 8 -63.9187 4085.599 32684.79 17 16 7 -62.9187 3958.761 27711.33 18 17 9 -61.9187 3833.924 34505.31 19 18 11 -60.9187 3711.086 40821.95 20 19 11 -59.9187 3371.102 40821.95 21 20 9 -58.9187 3471.412 31242.7 22 21 7 -57.9187 3354.574 23482.02 23 22 5 -56.9187 3239.737 16198.68 24 23 7 -55.9187 3126.9 21888.3 25 24 3 -54.9187 3016.062 9048.187 26 25 3 -53.9187 2907.225 8721.674 27 26 1 -52.9187 3016.062 9048.187 28 27 2 -51.9187 2695.55 5391.1	14	13	8	-65.9187	4345.273	34762.19
17 16 7 -62.9187 3958.761 27711.33 18 17 9 -61.9187 3833.924 34505.31 19 18 11 -60.9187 3711.086 40821.95 20 19 11 -59.9187 3590.249 39492.74 21 20 9 -58.9187 3471.412 31242.7 22 21 7 -57.9187 3354.574 23482.02 23 22 5 -56.9187 3239.737 16198.68 24 23 7 -55.9187 3126.9 21888.3 25 24 3 -54.9187 3016.062 9048.187 26 25 3 -53.9187 2907.225 8721.674 27 26 1 -52.9187 2800.387 2800.387 28 27 2 -51.9187 2695.55 5391.1 29 28 6 -50.9187 2592.713 15556.28	15	14	9	-64.9187	4214.436	37929.92
18 17 9 -61.9187 3833.924 34505.31 19 18 11 -60.9187 3711.086 40821.95 20 19 11 -59.9187 3590.249 39492.74 21 20 9 -58.9187 3471.412 31242.7 22 21 7 -57.9187 3354.574 23482.02 23 22 5 -56.9187 3239.737 16198.68 24 23 7 -55.9187 3126.9 21888.3 25 24 3 -54.9187 3016.062 9048.187 26 25 3 -53.9187 2907.225 8721.674 27 26 1 -52.9187 2800.387 2800.387 28 27 2 -51.9187 2695.55 5391.1 29 28 6 -50.9187 2592.713 15556.28 30 29 9 -49.9187 2491.875 22426.88	16	15	8	-63.9187	4085.599	32684.79
19 18 11 -60.9187 3711.086 40821.95 20 19 11 -59.9187 3590.249 39492.74 21 20 9 -58.9187 3471.412 31242.7 22 21 7 -57.9187 3354.574 23482.02 23 22 5 -56.9187 3239.737 16198.68 24 23 7 -55.9187 3126.9 21888.3 25 24 3 -54.9187 3016.062 9048.187 26 25 3 -53.9187 2907.225 8721.674 27 26 1 -52.9187 2800.387 2800.387 28 27 2 -51.9187 2695.55 5391.1 29 28 6 -50.9187 2592.713 15556.28 30 29 9 -49.9187 2491.875 22426.88 31 30 7 -48.9187 2393.038 16751.27	17	16	7	-62.9187	3958.761	27711.33
20 19 11 -59.9187 3590.249 39492.74 21 20 9 -58.9187 3471.412 31242.7 22 21 7 -57.9187 3354.574 23482.02 23 22 5 -56.9187 3239.737 16198.68 24 23 7 -55.9187 3126.9 21888.3 25 24 3 -54.9187 3016.062 9048.187 26 25 3 -53.9187 2907.225 8721.674 27 26 1 -52.9187 2800.387 2800.387 28 27 2 -51.9187 2695.55 5391.1 29 28 6 -50.9187 2592.713 15556.28 30 29 9 -49.9187 2491.875 22426.88 31 30 7 -48.9187 2393.038 16751.27 32 31 3 -47.9187 2296.201 6888.602 3	18	17	9	-61.9187	3833.924	34505.31
21 20 9 -58.9187 3471.412 31242.7 22 21 7 -57.9187 3354.574 23482.02 23 22 5 -56.9187 3239.737 16198.68 24 23 7 -55.9187 3126.9 21888.3 25 24 3 -54.9187 3016.062 9048.187 26 25 3 -53.9187 2907.225 8721.674 27 26 1 -52.9187 2800.387 2800.387 28 27 2 -51.9187 2695.55 5391.1 29 28 6 -50.9187 2592.713 15556.28 30 29 9 -49.9187 2491.875 22426.88 31 30 7 -48.9187 2393.038 16751.27 32 31 3 -47.9187 2296.201 6888.602 33 32 6 -46.9187 2201.363 13208.18 34	19	18	11	-60.9187	3711.086	40821.95
22 21 7 -57.9187 3354.574 23482.02 23 22 5 -56.9187 3239.737 16198.68 24 23 7 -55.9187 3126.9 21888.3 25 24 3 -54.9187 3016.062 9048.187 26 25 3 -53.9187 2907.225 8721.674 27 26 1 -52.9187 2800.387 2800.387 28 27 2 -51.9187 2695.55 5391.1 29 28 6 -50.9187 2592.713 15556.28 30 29 9 -49.9187 2491.875 22426.88 31 30 7 -48.9187 2393.038 16751.27 32 31 3 -47.9187 2296.201 6888.602 33 32 6 -46.9187 2201.363 13208.18 34 33 8 -45.9187 2108.526 16868.21 3	20	19	11	-59.9187	3590.249	39492.74
23 22 5 -56.9187 3239.737 16198.68 24 23 7 -55.9187 3126.9 21888.3 25 24 3 -54.9187 3016.062 9048.187 26 25 3 -53.9187 2907.225 8721.674 27 26 1 -52.9187 2800.387 2800.387 28 27 2 -51.9187 2695.55 5391.1 29 28 6 -50.9187 2592.713 15556.28 30 29 9 -49.9187 2491.875 22426.88 31 30 7 -48.9187 2393.038 16751.27 32 31 3 -47.9187 2296.201 6888.602 33 32 6 -46.9187 2201.363 13208.18 34 33 8 -45.9187 2108.526 16868.21 35 34 8 -44.9187 2017.688 16141.51 3	21	20	9	-58.9187	3471.412	31242.7
24 23 7 -55.9187 3126.9 21888.3 25 24 3 -54.9187 3016.062 9048.187 26 25 3 -53.9187 2907.225 8721.674 27 26 1 -52.9187 2800.387 2800.387 28 27 2 -51.9187 2695.55 5391.1 29 28 6 -50.9187 2592.713 15556.28 30 29 9 -49.9187 2491.875 22426.88 31 30 7 -48.9187 2393.038 16751.27 32 31 3 -47.9187 2296.201 6888.602 33 32 6 -46.9187 2201.363 13208.18 34 33 8 -45.9187 2108.526 16868.21 35 34 8 -44.9187 2017.688 16141.51 36 35 4 -43.9187 1928.851 7715.404 3	22	21	7	-57.9187	3354.574	23482.02
25 24 3 -54.9187 3016.062 9048.187 26 25 3 -53.9187 2907.225 8721.674 27 26 1 -52.9187 2800.387 2800.387 28 27 2 -51.9187 2695.55 5391.1 29 28 6 -50.9187 2592.713 15556.28 30 29 9 -49.9187 2491.875 22426.88 31 30 7 -48.9187 2393.038 16751.27 32 31 3 -47.9187 2296.201 6888.602 33 32 6 -46.9187 2201.363 13208.18 34 33 8 -45.9187 2108.526 16868.21 35 34 8 -44.9187 2017.688 16141.51 36 35 4 -43.9187 1928.851 7715.404 37 36 4 -42.9187 1842.014 7368.055 <t< td=""><td>23</td><td>22</td><td>5</td><td>-56.9187</td><td>3239.737</td><td>16198.68</td></t<>	23	22	5	-56.9187	3239.737	16198.68
26 25 3 -53.9187 2907.225 8721.674 27 26 1 -52.9187 2800.387 2800.387 28 27 2 -51.9187 2695.55 5391.1 29 28 6 -50.9187 2592.713 15556.28 30 29 9 -49.9187 2491.875 22426.88 31 30 7 -48.9187 2393.038 16751.27 32 31 3 -47.9187 2296.201 6888.602 33 32 6 -46.9187 2201.363 13208.18 34 33 8 -45.9187 2108.526 16868.21 35 34 8 -44.9187 2017.688 16141.51 36 35 4 -43.9187 1928.851 7715.404 37 36 4 -42.9187 1842.014 7368.055 38 37 6 -41.9187 1757.176 10543.06 <t< td=""><td>24</td><td>23</td><td>7</td><td>-55.9187</td><td>3126.9</td><td>21888.3</td></t<>	24	23	7	-55.9187	3126.9	21888.3
27 26 1 -52.9187 2800.387 2800.387 28 27 2 -51.9187 2695.55 5391.1 29 28 6 -50.9187 2592.713 15556.28 30 29 9 -49.9187 2491.875 22426.88 31 30 7 -48.9187 2393.038 16751.27 32 31 3 -47.9187 2296.201 6888.602 33 32 6 -46.9187 2201.363 13208.18 34 33 8 -45.9187 2108.526 16868.21 35 34 8 -44.9187 2017.688 16141.51 36 35 4 -43.9187 1928.851 7715.404 37 36 4 -42.9187 1842.014 7368.055 38 37 6 -41.9187 1757.176 10543.06 39 38 4 -40.9187 1674.339 6697.356 <t< td=""><td>25</td><td>24</td><td>3</td><td>-54.9187</td><td>3016.062</td><td>9048.187</td></t<>	25	24	3	-54.9187	3016.062	9048.187
28 27 2 -51.9187 2695.55 5391.1 29 28 6 -50.9187 2592.713 15556.28 30 29 9 -49.9187 2491.875 22426.88 31 30 7 -48.9187 2393.038 16751.27 32 31 3 -47.9187 2296.201 6888.602 33 32 6 -46.9187 2201.363 13208.18 34 33 8 -45.9187 2108.526 16868.21 35 34 8 -44.9187 2017.688 16141.51 36 35 4 -43.9187 1928.851 7715.404 37 36 4 -42.9187 1842.014 7368.055 38 37 6 -41.9187 1757.176 10543.06 39 38 4 -40.9187 1674.339 6697.356 40 39 7 -39.9187 1593.502 11154.51 <t< td=""><td>26</td><td>25</td><td>3</td><td>-53.9187</td><td>2907.225</td><td>8721.674</td></t<>	26	25	3	-53.9187	2907.225	8721.674
29 28 6 -50.9187 2592.713 15556.28 30 29 9 -49.9187 2491.875 22426.88 31 30 7 -48.9187 2393.038 16751.27 32 31 3 -47.9187 2296.201 6888.602 33 32 6 -46.9187 2201.363 13208.18 34 33 8 -45.9187 2108.526 16868.21 35 34 8 -44.9187 2017.688 16141.51 36 35 4 -43.9187 1928.851 7715.404 37 36 4 -42.9187 1842.014 7368.055 38 37 6 -41.9187 1757.176 10543.06 39 38 4 -40.9187 1674.339 6697.356 40 39 7 -39.9187 1593.502 11154.51 41 40 7 -38.9187 1514.664 10602.65	27	26	1	-52.9187	2800.387	2800.387
30 29 9 -49.9187 2491.875 22426.88 31 30 7 -48.9187 2393.038 16751.27 32 31 3 -47.9187 2296.201 6888.602 33 32 6 -46.9187 2201.363 13208.18 34 33 8 -45.9187 2108.526 16868.21 35 34 8 -44.9187 2017.688 16141.51 36 35 4 -43.9187 1928.851 7715.404 37 36 4 -42.9187 1842.014 7368.055 38 37 6 -41.9187 1757.176 10543.06 39 38 4 -40.9187 1674.339 6697.356 40 39 7 -39.9187 1593.502 11154.51 41 40 7 -38.9187 1514.664 10602.65 42 41 7 -37.9187 1437.827 10064.79	28	27	2	-51.9187	2695.55	5391.1
31 30 7 -48.9187 2393.038 16751.27 32 31 3 -47.9187 2296.201 6888.602 33 32 6 -46.9187 2201.363 13208.18 34 33 8 -45.9187 2108.526 16868.21 35 34 8 -44.9187 2017.688 16141.51 36 35 4 -43.9187 1928.851 7715.404 37 36 4 -42.9187 1842.014 7368.055 38 37 6 -41.9187 1757.176 10543.06 39 38 4 -40.9187 1674.339 6697.356 40 39 7 -39.9187 1593.502 11154.51 41 40 7 -38.9187 1514.664 10602.65 42 41 7 -37.9187 1437.827 10064.79 43 42 5 -36.9187 1362.989 6814.947	29	28	6	-50.9187	2592.713	15556.28
32 31 3 -47.9187 2296.201 6888.602 33 32 6 -46.9187 2201.363 13208.18 34 33 8 -45.9187 2108.526 16868.21 35 34 8 -44.9187 2017.688 16141.51 36 35 4 -43.9187 1928.851 7715.404 37 36 4 -42.9187 1842.014 7368.055 38 37 6 -41.9187 1757.176 10543.06 39 38 4 -40.9187 1674.339 6697.356 40 39 7 -39.9187 1593.502 11154.51 41 40 7 -38.9187 1514.664 10602.65 42 41 7 -37.9187 1437.827 10064.79 43 42 5 -36.9187 1362.989 6814.947 44 43 3 -35.9187 1290.152 3870.456	30	29	9	-49.9187	2491.875	22426.88
33 32 6 -46.9187 2201.363 13208.18 34 33 8 -45.9187 2108.526 16868.21 35 34 8 -44.9187 2017.688 16141.51 36 35 4 -43.9187 1928.851 7715.404 37 36 4 -42.9187 1842.014 7368.055 38 37 6 -41.9187 1757.176 10543.06 39 38 4 -40.9187 1674.339 6697.356 40 39 7 -39.9187 1593.502 11154.51 41 40 7 -38.9187 1514.664 10602.65 42 41 7 -37.9187 1437.827 10064.79 43 42 5 -36.9187 1362.989 6814.947 44 43 3 -35.9187 1290.152 3870.456 45 44 4 -34.9187 1219.315 4877.259	31	30	7	-48.9187	2393.038	16751.27
34 33 8 -45.9187 2108.526 16868.21 35 34 8 -44.9187 2017.688 16141.51 36 35 4 -43.9187 1928.851 7715.404 37 36 4 -42.9187 1842.014 7368.055 38 37 6 -41.9187 1757.176 10543.06 39 38 4 -40.9187 1674.339 6697.356 40 39 7 -39.9187 1593.502 11154.51 41 40 7 -38.9187 1514.664 10602.65 42 41 7 -37.9187 1437.827 10064.79 43 42 5 -36.9187 1362.989 6814.947 44 43 3 -35.9187 1290.152 3870.456 45 44 4 -34.9187 1219.315 4877.259 46 45 3 -33.9187 1150.477 3451.432	32	31	3	-47.9187	2296.201	6888.602
35 34 8 -44.9187 2017.688 16141.51 36 35 4 -43.9187 1928.851 7715.404 37 36 4 -42.9187 1842.014 7368.055 38 37 6 -41.9187 1757.176 10543.06 39 38 4 -40.9187 1674.339 6697.356 40 39 7 -39.9187 1593.502 11154.51 41 40 7 -38.9187 1514.664 10602.65 42 41 7 -37.9187 1437.827 10064.79 43 42 5 -36.9187 1362.989 6814.947 44 43 3 -35.9187 1290.152 3870.456 45 44 4 -34.9187 1219.315 4877.259 46 45 3 -33.9187 1150.477 3451.432 47 46 2 -32.9187 1088.64 2167.28 <	33	32	6	-46.9187	2201.363	13208.18
36 35 4 -43.9187 1928.851 7715.404 37 36 4 -42.9187 1842.014 7368.055 38 37 6 -41.9187 1757.176 10543.06 39 38 4 -40.9187 1674.339 6697.356 40 39 7 -39.9187 1593.502 11154.51 41 40 7 -38.9187 1514.664 10602.65 42 41 7 -37.9187 1437.827 10064.79 43 42 5 -36.9187 1362.989 6814.947 44 43 3 -35.9187 1290.152 3870.456 45 44 4 -34.9187 1219.315 4877.259 46 45 3 -33.9187 1150.477 3451.432 47 46 2 -32.9187 1018.803 7131.618 49 48 8 -30.9187 955.9652 7647.722	34	33	8	-45.9187	2108.526	16868.21
37 36 4 -42.9187 1842.014 7368.055 38 37 6 -41.9187 1757.176 10543.06 39 38 4 -40.9187 1674.339 6697.356 40 39 7 -39.9187 1593.502 11154.51 41 40 7 -38.9187 1514.664 10602.65 42 41 7 -37.9187 1437.827 10064.79 43 42 5 -36.9187 1362.989 6814.947 44 43 3 -35.9187 1290.152 3870.456 45 44 4 -34.9187 1219.315 4877.259 46 45 3 -33.9187 1150.477 3451.432 47 46 2 -32.9187 1083.64 2167.28 48 47 7 -31.9187 1018.803 7131.618 49 48 8 -30.9187 955.9652 7647.722 <	35	34	8	-44.9187	2017.688	16141.51
38 37 6 -41.9187 1757.176 10543.06 39 38 4 -40.9187 1674.339 6697.356 40 39 7 -39.9187 1593.502 11154.51 41 40 7 -38.9187 1514.664 10602.65 42 41 7 -37.9187 1437.827 10064.79 43 42 5 -36.9187 1362.989 6814.947 44 43 3 -35.9187 1290.152 3870.456 45 44 4 -34.9187 1219.315 4877.259 46 45 3 -33.9187 1150.477 3451.432 47 46 2 -32.9187 1083.64 2167.28 48 47 7 -31.9187 1018.803 7131.618 49 48 8 -30.9187 955.9652 7647.722 50 49 3 -29.9187 895.1278 2685.383 <	36	35	4	-43.9187	1928.851	7715.404
39 38 4 -40.9187 1674.339 6697.356 40 39 7 -39.9187 1593.502 11154.51 41 40 7 -38.9187 1514.664 10602.65 42 41 7 -37.9187 1437.827 10064.79 43 42 5 -36.9187 1362.989 6814.947 44 43 3 -35.9187 1290.152 3870.456 45 44 4 -34.9187 1219.315 4877.259 46 45 3 -33.9187 1150.477 3451.432 47 46 2 -32.9187 1083.64 2167.28 48 47 7 -31.9187 1018.803 7131.618 49 48 8 -30.9187 955.9652 7647.722 50 49 3 -29.9187 895.1278 2685.383 51 50 3 -28.9187 779.4531 4676.718 <	37	36	4	-42.9187	1842.014	7368.055
40 39 7 -39.9187 1593.502 11154.51 41 40 7 -38.9187 1514.664 10602.65 42 41 7 -37.9187 1437.827 10064.79 43 42 5 -36.9187 1362.989 6814.947 44 43 3 -35.9187 1290.152 3870.456 45 44 4 -34.9187 1219.315 4877.259 46 45 3 -33.9187 1150.477 3451.432 47 46 2 -32.9187 1083.64 2167.28 48 47 7 -31.9187 1018.803 7131.618 49 48 8 -30.9187 955.9652 7647.722 50 49 3 -29.9187 895.1278 2685.383 51 50 3 -28.9187 836.2905 2508.871 52 51 6 -27.9187 779.4531 4676.718 <	38	37	6	-41.9187	1757.176	10543.06
41 40 7 -38.9187 1514.664 10602.65 42 41 7 -37.9187 1437.827 10064.79 43 42 5 -36.9187 1362.989 6814.947 44 43 3 -35.9187 1290.152 3870.456 45 44 4 -34.9187 1219.315 4877.259 46 45 3 -33.9187 1150.477 3451.432 47 46 2 -32.9187 1083.64 2167.28 48 47 7 -31.9187 1018.803 7131.618 49 48 8 -30.9187 955.9652 7647.722 50 49 3 -29.9187 895.1278 2685.383 51 50 3 -28.9187 836.2905 2508.871 52 51 6 -27.9187 779.4531 4676.718 53 52 8 -26.9187 724.6157 5796.926 54 53 4 -25.9187 671.7783 2687.113 5	39	38	4	-40.9187	1674.339	6697.356
42 41 7 -37.9187 1437.827 10064.79 43 42 5 -36.9187 1362.989 6814.947 44 43 3 -35.9187 1290.152 3870.456 45 44 4 -34.9187 1219.315 4877.259 46 45 3 -33.9187 1150.477 3451.432 47 46 2 -32.9187 1083.64 2167.28 48 47 7 -31.9187 1018.803 7131.618 49 48 8 -30.9187 955.9652 7647.722 50 49 3 -29.9187 895.1278 2685.383 51 50 3 -28.9187 836.2905 2508.871 52 51 6 -27.9187 779.4531 4676.718 53 52 8 -26.9187 724.6157 5796.926 54 53 4 -25.9187 671.7783 2687.113 55 54 3 -24.9187 620.941 1862.823	40	39	7	-39.9187	1593.502	11154.51
43 42 5 -36.9187 1362.989 6814.947 44 43 3 -35.9187 1290.152 3870.456 45 44 4 -34.9187 1219.315 4877.259 46 45 3 -33.9187 1150.477 3451.432 47 46 2 -32.9187 1083.64 2167.28 48 47 7 -31.9187 1018.803 7131.618 49 48 8 -30.9187 955.9652 7647.722 50 49 3 -29.9187 895.1278 2685.383 51 50 3 -28.9187 836.2905 2508.871 52 51 6 -27.9187 779.4531 4676.718 53 52 8 -26.9187 724.6157 5796.926 54 53 4 -25.9187 671.7783 2687.113 55 54 3 -24.9187 620.941 1862.823	41	40	7	-38.9187	1514.664	10602.65
44 43 3 -35.9187 1290.152 3870.456 45 44 4 -34.9187 1219.315 4877.259 46 45 3 -33.9187 1150.477 3451.432 47 46 2 -32.9187 1083.64 2167.28 48 47 7 -31.9187 1018.803 7131.618 49 48 8 -30.9187 955.9652 7647.722 50 49 3 -29.9187 895.1278 2685.383 51 50 3 -28.9187 836.2905 2508.871 52 51 6 -27.9187 779.4531 4676.718 53 52 8 -26.9187 724.6157 5796.926 54 53 4 -25.9187 671.7783 2687.113 55 54 3 -24.9187 620.941 1862.823	42	41	7	-37.9187	1437.827	10064.79
45 44 4 -34.9187 1219.315 4877.259 46 45 3 -33.9187 1150.477 3451.432 47 46 2 -32.9187 1083.64 2167.28 48 47 7 -31.9187 1018.803 7131.618 49 48 8 -30.9187 955.9652 7647.722 50 49 3 -29.9187 895.1278 2685.383 51 50 3 -28.9187 836.2905 2508.871 52 51 6 -27.9187 779.4531 4676.718 53 52 8 -26.9187 724.6157 5796.926 54 53 4 -25.9187 671.7783 2687.113 55 54 3 -24.9187 620.941 1862.823	43	42	5	-36.9187	1362.989	6814.947
46 45 3 -33.9187 1150.477 3451.432 47 46 2 -32.9187 1083.64 2167.28 48 47 7 -31.9187 1018.803 7131.618 49 48 8 -30.9187 955.9652 7647.722 50 49 3 -29.9187 895.1278 2685.383 51 50 3 -28.9187 836.2905 2508.871 52 51 6 -27.9187 779.4531 4676.718 53 52 8 -26.9187 724.6157 5796.926 54 53 4 -25.9187 671.7783 2687.113 55 54 3 -24.9187 620.941 1862.823	44	43	3	-35.9187	1290.152	3870.456
47 46 2 -32.9187 1083.64 2167.28 48 47 7 -31.9187 1018.803 7131.618 49 48 8 -30.9187 955.9652 7647.722 50 49 3 -29.9187 895.1278 2685.383 51 50 3 -28.9187 836.2905 2508.871 52 51 6 -27.9187 779.4531 4676.718 53 52 8 -26.9187 724.6157 5796.926 54 53 4 -25.9187 671.7783 2687.113 55 54 3 -24.9187 620.941 1862.823	45	44	4	-34.9187	1219.315	4877.259
48 47 7 -31.9187 1018.803 7131.618 49 48 8 -30.9187 955.9652 7647.722 50 49 3 -29.9187 895.1278 2685.383 51 50 3 -28.9187 836.2905 2508.871 52 51 6 -27.9187 779.4531 4676.718 53 52 8 -26.9187 724.6157 5796.926 54 53 4 -25.9187 671.7783 2687.113 55 54 3 -24.9187 620.941 1862.823	46	45	3	-33.9187	1150.477	3451.432
49 48 8 -30.9187 955.9652 7647.722 50 49 3 -29.9187 895.1278 2685.383 51 50 3 -28.9187 836.2905 2508.871 52 51 6 -27.9187 779.4531 4676.718 53 52 8 -26.9187 724.6157 5796.926 54 53 4 -25.9187 671.7783 2687.113 55 54 3 -24.9187 620.941 1862.823	47	46	2	-32.9187	1083.64	2167.28
50 49 3 -29.9187 895.1278 2685.383 51 50 3 -28.9187 836.2905 2508.871 52 51 6 -27.9187 779.4531 4676.718 53 52 8 -26.9187 724.6157 5796.926 54 53 4 -25.9187 671.7783 2687.113 55 54 3 -24.9187 620.941 1862.823	48	47	7	-31.9187	1018.803	7131.618
51 50 3 -28.9187 836.2905 2508.871 52 51 6 -27.9187 779.4531 4676.718 53 52 8 -26.9187 724.6157 5796.926 54 53 4 -25.9187 671.7783 2687.113 55 54 3 -24.9187 620.941 1862.823	49	48	8	-30.9187	955.9652	7647.722
52 51 6 -27.9187 779.4531 4676.718 53 52 8 -26.9187 724.6157 5796.926 54 53 4 -25.9187 671.7783 2687.113 55 54 3 -24.9187 620.941 1862.823	50	49	3	-29.9187	895.1278	2685.383
53 52 8 -26.9187 724.6157 5796.926 54 53 4 -25.9187 671.7783 2687.113 55 54 3 -24.9187 620.941 1862.823	51	50	3	-28.9187	836.2905	2508.871
54 53 4 -25.9187 671.7783 2687.113 55 54 3 -24.9187 620.941 1862.823	52	51	6	-27.9187	779.4531	4676.718
55 54 3 -24.9187 620.941 1862.823	53	52	8	-26.9187	724.6157	5796.926
	54	53	4	-25.9187	671.7783	2687.113
56 55 9 -23 9187 572 1036 5148 932	55	54	3	-24.9187	620.941	1862.823
30 35 5 23.510/ 5/2.1030 5140.532	56	55	9	-23.9187	572.1036	5148.932

	1				
57	56	3	-22.9187	525.2662	1575.799
58	57	3	-21.9187	480.4288	1441.287
59	58	2	-20.9187	437.5915	875.1829
60	59	5	-19.9187	396.7541	1983.77
61	60	3	-18.9187	357.9167	1073.75
62	61	5	-17.9187	321.0793	1605.397
63	62	4	-16.9187	286.242	1144.968
64	63	4	-15.9187	253.4046	1013.618
65	64	4	-14.9187	222.5672	890.2689
66	65	5	-13.9187	193.7298	968.6492
67	66	1	-12.9187	166.8925	166.8925
68	68	3	-10.9187	119.2177	357.6532
69	69	3	-9.91869	98.38035	295.141
70	70	2	-8.91869	79.54298	159.086
71	71	2	-7.91869	62.7056	125.4112
72	72	6	-6.91869	47.86823	287.2094
73	73	2	-5.91869	35.03085	70.06171
74	74	4	-4.91869	24.19348	96.77392
75	75	2	-3.91869	15.35611	30.71221
76	76	4	-2.91869	8.518733	34.07493
77	77	3	-1.91869	3.681359	11.04408
78	78	4	-0.91869	0.843986	3.375942
79	79	3	0.081313	0.006612	0.019835
80	80	4	1.081313	1.169238	4.676952
81	81	5	2.081313	4.331864	21.65932
82	82	2	3.081313	9.494491	18.98898
83	83	2	4.081313	16.65712	33.31423
84	84	3	5.081313	25.81974	77.45923
85	85	5	6.081313	36.98237	184.9118
86	86	5	7.081313	50.145	250.725
87	87	4	8.081313	65.30762	261.2305
88	88	2	9.081313	82.47025	164.9405
89	89	1	10.08131	101.6329	101.6329
90	90	1	11.08131	122.7955	122.7955
91	91	5	12.08131	145.9581	729.7906
92	92	1	13.08131	171.1208	171.1208
93	93	4	14.08131	198.2834	793.1335
94	94	4	15.08131	227.446	909.784
95	95	2	16.08131	258.6086	517.2173
96	96	3	17.08131	291.7713	875.3138
97	97	3	18.08131	326.9339	980.8017
98	98	3	19.08131	364.0965	1092.29
99	99	3	20.08131	403.2591	1209.777

			T	1	
100	100	4	21.08131	444.4218	1777.687
101	101	1	22.08131	487.5844	487.5844
102	102	4	23.08131	532.747	2130.988
103	103	4	24.08131	579.9096	2319.639
104	104	3	25.08131	629.0723	1887.217
105	105	3	26.08131	680.2349	2040.705
106	106	2	27.08131	733.3975	1466.795
107	107	1	28.08131	788.5601	788.5601
108	108	4	29.08131	845.7228	3382.891
109	109	1	30.08131	904.8854	904.8854
110	110	3	31.08131	966.048	2898.144
111	112	3	33.08131	1094.373	3283.12
112	113	2	34.08131	1161.536	2323.072
113	114	2	35.08131	1230.699	2461.397
114	115	2	36.08131	1301.861	2603.722
115	116	2	37.08131	1375.024	2750.048
116	117	1	38.08131	1450.186	1450.186
117	118	2	39.08131	1527.349	3054.698
118	119	4	40.08131	1606.512	6426.047
119	120	4	41.08131	1687.674	6750.697
120	121	1	42.08131	1770.837	1770.837
121	122	1	43.08131	1856	1856
122	123	1	44.08131	1943.162	1943.162
123	125	2	46.08131	2123.487	4246.975
124	126	1	47.08131	2216.65	2216.65
125	127	2	48.08131	2311.813	4623.625
126	128	3	49.08131	2408.975	7226.926
127	129	2	50.08131	2508.138	5016.276
128	130	1	51.08131	2609.301	2609.301
129	131	1	52.08131	2712.463	2712.463
130	132	2	53.08131	2817.626	5635.252
131	133	3	54.08131	2924.788	8774.365
132	134	1	55.08131	3033.951	3033.951
133	136	2	57.08131	3258.276	6516.553
134	137	2	58.08131	3373.439	6746.878
135	138	3	59.08131	3490.602	10471.8
136	139	1	60.08131	3609.764	3609.764
137	142	2	63.08131	3979.252	7958.504
138	143	2	64.08131	4106.415	8212.829
139	144	1	65.08131	4235.577	4235.577
140	146	1	67.08131	4499.903	4499.903
141	147	2	68.08131	4635.065	9270.13
142	148	2	69.08131	4772.228	9544.456

144 151 3 72.08131 5195.716 15587.15 145 152 1 73.08131 5340.878 5340.878 146 153 3 74.08131 5488.041 16464.12 147 154 2 75.08131 5637.204 11274.41 148 155 2 76.08131 578.366 11576.73 149 156 2 77.08131 5941.529 11883.06 150 157 2 78.08131 6096.691 12193.38 151 158 3 79.08131 6253.854 18761.56 152 160 3 81.08131 6574.179 19722.54 153 161 3 82.08131 6902.505 13805.01 155 163 1 84.08131 7069.667 7069.667 156 165 2 86.08131 7409.992 14819.98 157 166 1 87.08131 8758.155 758.155				T	1	
145 152 1 73.08131 5340.878 5340.878 146 153 3 74.08131 5488.041 16464.12 147 154 2 75.08131 5637.204 11274.41 148 155 2 76.08131 5788.366 11576.73 149 156 2 77.08131 5941.529 11883.06 150 157 2 78.08131 6096.691 12193.38 151 158 3 79.08131 6253.854 18761.56 152 160 3 81.08131 6574.179 19722.54 153 161 3 82.08131 6902.505 13805.01 154 162 2 83.08131 7902.505 13805.01 155 163 1 84.08131 7069.667 7069.667 156 165 2 86.08131 7409.992 14819.98 157 166 1 87.08131 7583.155 7583.155	143	150	2	71.08131	5052.553	10105.11
146 153 3 74.08131 5488.041 16464.12 147 154 2 75.08131 5637.204 11274.41 148 155 2 76.08131 5788.366 11576.73 149 156 2 77.08131 5941.529 11883.06 150 157 2 78.08131 6966.691 12193.38 151 158 3 79.08131 6253.854 18761.56 152 160 3 81.08131 6574.179 19722.54 153 161 3 82.08131 6737.342 20212.03 154 162 2 83.08131 7696.67 7069.667 156 165 2 86.08131 7409.992 14819.98 157 166 1 87.08131 7583.155 7583.155 158 168 1 89.08131 7935.48 7935.48 159 169 1 90.08131 8114.643 8114.643	144	151	3	72.08131	5195.716	15587.15
147 154 2 75.08131 5637.204 11274.41 148 155 2 76.08131 5788.366 11576.73 149 156 2 77.08131 5941.529 11883.06 150 157 2 78.08131 6096.691 12193.38 151 158 3 79.08131 6253.854 18761.56 152 160 3 81.08131 6574.179 19722.54 153 161 3 82.08131 6737.342 20212.03 154 162 2 83.08131 6902.505 13805.01 155 163 1 84.08131 7069.667 7069.667 156 165 2 86.08131 7409.992 14819.98 157 166 1 87.08131 7583.155 7583.155 158 168 1 89.08131 7935.48 7935.48 159 169 1 90.08131 8114.643 8114.643	145	152	1	73.08131	5340.878	5340.878
148 155 2 76.08131 5788.366 11576.73 149 156 2 77.08131 5941.529 11883.06 150 157 2 78.08131 696.691 12193.38 151 158 3 79.08131 6253.854 18761.56 152 160 3 81.08131 6574.179 19722.54 153 161 3 82.08131 6902.505 13805.01 154 162 2 83.08131 7069.667 7069.667 155 163 1 84.08131 7069.667 7069.667 156 165 2 86.08131 7409.992 14819.98 157 166 1 87.08131 7583.155 7583.155 158 168 1 89.08131 7935.48 7935.48 159 169 1 90.08131 8114.643 8114.643 160 170 4 91.08131 8295.806 33183.22	146	153	3	74.08131	5488.041	16464.12
149 156 2 77.08131 5941.529 11883.06 150 157 2 78.08131 6096.691 12193.38 151 158 3 79.08131 6253.854 18761.56 152 160 3 81.08131 6574.179 19722.54 153 161 3 82.08131 6737.342 20212.03 154 162 2 83.08131 6902.505 13805.01 155 163 1 84.08131 7069.667 7069.667 156 165 2 86.08131 7409.992 14819.98 157 166 1 87.08131 7583.155 7583.155 158 168 1 89.08131 7935.48 7935.48 159 169 1 90.08131 8114.643 8114.643 160 170 4 91.08131 8295.806 3183.22 161 171 2 92.08131 8146.431 1664.131	147	154	2	75.08131	5637.204	11274.41
150 157 2 78.08131 6096.691 12193.38 151 158 3 79.08131 6253.854 18761.56 152 160 3 81.08131 6574.179 19722.54 153 161 3 82.08131 66737.342 20212.03 154 162 2 83.08131 6902.505 13805.01 155 163 1 84.08131 7069.667 7069.667 156 165 2 86.08131 7409.992 14819.98 157 166 1 87.08131 7583.155 7583.155 158 168 1 89.08131 7935.48 7935.48 159 169 1 90.08131 8114.643 8114.643 160 170 4 91.08131 8295.806 33183.22 161 171 2 92.08131 8478.968 16957.94 162 172 1 93.08131 8664.131 8664.131	148	155	2	76.08131	5788.366	11576.73
151 158 3 79.08131 6253.854 18761.56 152 160 3 81.08131 6574.179 19722.54 153 161 3 82.08131 6737.342 20212.03 154 162 2 83.08131 6902.505 13805.01 155 163 1 84.08131 7069.667 7069.667 156 165 2 86.08131 7409.992 14819.98 157 166 1 87.08131 7583.155 7583.155 158 168 1 89.08131 7935.48 7935.48 159 169 1 90.08131 8114.643 8114.643 160 170 4 91.08131 8295.806 33183.22 161 171 2 92.08131 8478.968 16957.94 162 172 1 93.08131 8664.131 8664.131 163 173 1 94.08131 8851.293 8851.293	149	156	2	77.08131	5941.529	11883.06
152 160 3 81.08131 6574.179 19722.54 153 161 3 82.08131 6737.342 20212.03 154 162 2 83.08131 6902.505 13805.01 155 163 1 84.08131 7069.667 7069.667 156 165 2 86.08131 7409.992 14819.98 157 166 1 87.08131 7583.155 7583.155 158 168 1 89.08131 7935.48 7935.48 159 169 1 90.08131 8114.643 8114.643 160 170 4 91.08131 8295.806 33183.22 161 171 2 92.08131 8478.968 16957.94 162 172 1 93.08131 8664.131 8664.131 163 173 1 94.08131 8851.293 8851.293 164 174 1 95.08131 9040.456 9040.456	150	157	2	78.08131	6096.691	12193.38
153 161 3 82.08131 6737.342 20212.03 154 162 2 83.08131 6902.505 13805.01 155 163 1 84.08131 7069.667 7069.667 156 165 2 86.08131 7409.992 14819.98 157 166 1 87.08131 7583.155 7583.155 158 168 1 89.08131 7935.48 7935.48 159 169 1 90.08131 8114.643 8114.643 160 170 4 91.08131 8295.806 33183.22 161 171 2 92.08131 8478.968 16957.94 162 172 1 93.08131 8664.131 8664.131 163 173 1 94.08131 8851.293 8851.293 164 174 1 95.08131 9040.456 9040.456 165 175 1 96.08131 9231.619 9231.619	151	158	3	79.08131	6253.854	18761.56
154 162 2 83.08131 6902.505 13805.01 155 163 1 84.08131 7069.667 7069.667 156 165 2 86.08131 7409.992 14819.98 157 166 1 87.08131 7583.155 7583.155 158 168 1 89.08131 7935.48 7935.48 159 169 1 90.08131 8114.643 8114.643 160 170 4 91.08131 8295.806 33183.22 161 171 2 92.08131 8478.968 16957.94 162 172 1 93.08131 8664.131 8664.131 163 173 1 94.08131 8851.293 8851.293 164 174 1 95.08131 9040.456 9040.456 165 175 1 96.08131 9231.619 9231.619 166 177 2 98.08131 9619.944 19239.89	152	160	3	81.08131	6574.179	19722.54
155 163 1 84.08131 7069.667 7069.667 156 165 2 86.08131 7409.992 14819.98 157 166 1 87.08131 7583.155 7583.155 158 168 1 89.08131 7935.48 7935.48 159 169 1 90.08131 8114.643 8114.643 160 170 4 91.08131 8295.806 33183.22 161 171 2 92.08131 8478.968 16957.94 162 172 1 93.08131 8664.131 8664.131 163 173 1 94.08131 8851.293 8851.293 164 174 1 95.08131 9040.456 9040.456 165 175 1 96.08131 9231.619 9231.619 166 177 2 98.08131 9619.944 19239.89 167 178 4 99.08131 9817.107 39268.43	153	161	3	82.08131	6737.342	20212.03
156 165 2 86.08131 7409.992 14819.98 157 166 1 87.08131 7583.155 7583.155 158 168 1 89.08131 7935.48 7935.48 159 169 1 90.08131 8114.643 8114.643 160 170 4 91.08131 8295.806 33183.22 161 171 2 92.08131 8478.968 16957.94 162 172 1 93.08131 8664.131 8664.131 163 173 1 94.08131 8851.293 8851.293 164 174 1 95.08131 9040.456 9040.456 165 175 1 96.08131 9231.619 9231.619 166 177 2 98.08131 9619.944 19239.89 167 178 4 99.08131 9817.107 39268.43 168 179 2 100.0813 10016.27 20032.54	154	162	2	83.08131	6902.505	13805.01
157 166 1 87.08131 7583.155 7583.155 158 168 1 89.08131 7935.48 7935.48 159 169 1 90.08131 8114.643 8114.643 160 170 4 91.08131 8295.806 33183.22 161 171 2 92.08131 8478.968 16957.94 162 172 1 93.08131 8664.131 8664.131 163 173 1 94.08131 8851.293 8851.293 164 174 1 95.08131 9040.456 9040.456 165 175 1 96.08131 9231.619 9231.619 166 177 2 98.08131 9619.944 19239.89 167 178 4 99.08131 9817.107 39268.43 168 179 2 100.0813 10016.27 20032.54 169 180 3 101.0813 10217.43 30652.3	155	163	1	84.08131	7069.667	7069.667
158 168 1 89.08131 7935.48 7935.48 159 169 1 90.08131 8114.643 8114.643 160 170 4 91.08131 8295.806 33183.22 161 171 2 92.08131 8478.968 16957.94 162 172 1 93.08131 8664.131 8664.131 163 173 1 94.08131 8851.293 8851.293 164 174 1 95.08131 9040.456 9040.456 165 175 1 96.08131 9231.619 9231.619 166 177 2 98.08131 9619.944 19239.89 167 178 4 99.08131 9817.107 39268.43 168 179 2 100.0813 10016.27 20032.54 169 180 3 101.0813 10217.43 30652.3 170 181 1 102.0813 10420.59 10420.59	156	165	2	86.08131	7409.992	14819.98
159 169 1 90.08131 8114.643 8114.643 160 170 4 91.08131 8295.806 33183.22 161 171 2 92.08131 8478.968 16957.94 162 172 1 93.08131 8664.131 8664.131 163 173 1 94.08131 8851.293 8851.293 164 174 1 95.08131 9040.456 9040.456 165 175 1 96.08131 9231.619 9231.619 166 177 2 98.08131 9619.944 19239.89 167 178 4 99.08131 9817.107 39268.43 168 179 2 100.0813 10016.27 20032.54 169 180 3 101.0813 10217.43 30652.3 170 181 1 102.0813 10420.59 10420.59 171 182 3 103.0813 10625.76 31877.27	157	166	1	87.08131	7583.155	7583.155
160 170 4 91.08131 8295.806 33183.22 161 171 2 92.08131 8478.968 16957.94 162 172 1 93.08131 8664.131 8664.131 163 173 1 94.08131 8851.293 8851.293 164 174 1 95.08131 9040.456 9040.456 165 175 1 96.08131 9231.619 9231.619 166 177 2 98.08131 9619.944 19239.89 167 178 4 99.08131 9817.107 39268.43 168 179 2 100.0813 10016.27 20032.54 169 180 3 101.0813 10217.43 30652.3 170 181 1 102.0813 10420.59 10420.59 171 182 3 103.0813 10625.76 31877.27 172 183 3 104.0813 10832.92 32498.76	158	168	1	89.08131	7935.48	7935.48
161 171 2 92.08131 8478.968 16957.94 162 172 1 93.08131 8664.131 8664.131 163 173 1 94.08131 8851.293 8851.293 164 174 1 95.08131 9040.456 9040.456 165 175 1 96.08131 9231.619 9231.619 166 177 2 98.08131 9619.944 19239.89 167 178 4 99.08131 9817.107 39268.43 168 179 2 100.0813 10016.27 20032.54 169 180 3 101.0813 10217.43 30652.3 170 181 1 102.0813 10420.59 10420.59 171 182 3 103.0813 10625.76 31877.27 172 183 3 104.0813 10832.92 32498.76 173 184 2 105.0813 11042.08 22084.16	159	169	1	90.08131	8114.643	8114.643
162 172 1 93.08131 8664.131 8664.131 163 173 1 94.08131 8851.293 8851.293 164 174 1 95.08131 9040.456 9040.456 165 175 1 96.08131 9231.619 9231.619 166 177 2 98.08131 9619.944 19239.89 167 178 4 99.08131 9817.107 39268.43 168 179 2 100.0813 10016.27 20032.54 169 180 3 101.0813 10217.43 30652.3 170 181 1 102.0813 10420.59 10420.59 171 182 3 103.0813 10625.76 31877.27 172 183 3 104.0813 10832.92 32498.76 173 184 2 105.0813 11042.08 22084.16 174 185 2 106.0813 11253.24 22506.49	160	170	4	91.08131	8295.806	33183.22
163 173 1 94.08131 8851.293 8851.293 164 174 1 95.08131 9040.456 9040.456 165 175 1 96.08131 9231.619 9231.619 166 177 2 98.08131 9619.944 19239.89 167 178 4 99.08131 9817.107 39268.43 168 179 2 100.0813 10016.27 20032.54 169 180 3 101.0813 10217.43 30652.3 170 181 1 102.0813 10420.59 10420.59 171 182 3 103.0813 10625.76 31877.27 172 183 3 104.0813 10832.92 32498.76 173 184 2 105.0813 11042.08 22084.16 174 185 2 106.0813 11253.24 22506.49 175 186 2 107.0813 11466.41 22932.82	161	171	2	92.08131	8478.968	16957.94
164 174 1 95.08131 9040.456 9040.456 165 175 1 96.08131 9231.619 9231.619 166 177 2 98.08131 9619.944 19239.89 167 178 4 99.08131 9817.107 39268.43 168 179 2 100.0813 10016.27 20032.54 169 180 3 101.0813 10217.43 30652.3 170 181 1 102.0813 10420.59 10420.59 171 182 3 103.0813 10625.76 31877.27 172 183 3 104.0813 10832.92 32498.76 173 184 2 105.0813 11042.08 22084.16 174 185 2 106.0813 11253.24 22506.49 175 186 2 107.0813 11466.41 22932.82 176 187 1 108.0813 11281.57 11681.57	162	172	1	93.08131	8664.131	8664.131
165 175 1 96.08131 9231.619 9231.619 166 177 2 98.08131 9619.944 19239.89 167 178 4 99.08131 9817.107 39268.43 168 179 2 100.0813 10016.27 20032.54 169 180 3 101.0813 10217.43 30652.3 170 181 1 102.0813 10420.59 10420.59 171 182 3 103.0813 10625.76 31877.27 172 183 3 104.0813 10832.92 32498.76 173 184 2 105.0813 11042.08 22084.16 174 185 2 106.0813 11253.24 22506.49 175 186 2 107.0813 11466.41 22932.82 176 187 1 108.0813 11681.57 11681.57 177 188 2 109.0813 11898.73 23797.47	163	173	1	94.08131	8851.293	8851.293
166 177 2 98.08131 9619.944 19239.89 167 178 4 99.08131 9817.107 39268.43 168 179 2 100.0813 10016.27 20032.54 169 180 3 101.0813 10217.43 30652.3 170 181 1 102.0813 10420.59 10420.59 171 182 3 103.0813 10625.76 31877.27 172 183 3 104.0813 10832.92 32498.76 173 184 2 105.0813 11042.08 22084.16 174 185 2 106.0813 11253.24 22506.49 175 186 2 107.0813 11466.41 22932.82 176 187 1 108.0813 11681.57 11681.57 177 188 2 109.0813 11898.73 23797.47 178 189 1 110.0813 12117.9 12117.9	164	174	1	95.08131	9040.456	9040.456
167 178 4 99.08131 9817.107 39268.43 168 179 2 100.0813 10016.27 20032.54 169 180 3 101.0813 10217.43 30652.3 170 181 1 102.0813 10420.59 10420.59 171 182 3 103.0813 10625.76 31877.27 172 183 3 104.0813 10832.92 32498.76 173 184 2 105.0813 11042.08 22084.16 174 185 2 106.0813 11253.24 22506.49 175 186 2 107.0813 11466.41 22932.82 176 187 1 108.0813 11681.57 11681.57 177 188 2 109.0813 11898.73 23797.47 178 189 1 110.0813 12117.9 12117.9 179 191 2 112.0813 12787.38 25574.77	165	175	1	96.08131	9231.619	9231.619
168 179 2 100.0813 10016.27 20032.54 169 180 3 101.0813 10217.43 30652.3 170 181 1 102.0813 10420.59 10420.59 171 182 3 103.0813 10625.76 31877.27 172 183 3 104.0813 10832.92 32498.76 173 184 2 105.0813 11042.08 22084.16 174 185 2 106.0813 11253.24 22506.49 175 186 2 107.0813 11466.41 22932.82 176 187 1 108.0813 11681.57 11681.57 177 188 2 109.0813 11898.73 23797.47 178 189 1 110.0813 12117.9 12117.9 179 191 2 113.0813 12787.38 25574.77 181 193 1 114.0813 13014.55 13014.55	166	177	2	98.08131	9619.944	19239.89
169 180 3 101.0813 10217.43 30652.3 170 181 1 102.0813 10420.59 10420.59 171 182 3 103.0813 10625.76 31877.27 172 183 3 104.0813 10832.92 32498.76 173 184 2 105.0813 11042.08 22084.16 174 185 2 106.0813 11253.24 22506.49 175 186 2 107.0813 11466.41 22932.82 176 187 1 108.0813 11681.57 11681.57 177 188 2 109.0813 11898.73 23797.47 178 189 1 110.0813 12117.9 12117.9 179 191 2 112.0813 12562.22 25124.44 180 192 2 113.0813 12787.38 25574.77 181 193 1 114.0813 13014.55 13014.55	167	178	4	99.08131	9817.107	39268.43
170 181 1 102.0813 10420.59 10420.59 171 182 3 103.0813 10625.76 31877.27 172 183 3 104.0813 10832.92 32498.76 173 184 2 105.0813 11042.08 22084.16 174 185 2 106.0813 11253.24 22506.49 175 186 2 107.0813 11466.41 22932.82 176 187 1 108.0813 11681.57 11681.57 177 188 2 109.0813 11898.73 23797.47 178 189 1 110.0813 12117.9 12117.9 179 191 2 112.0813 12562.22 25124.44 180 192 2 113.0813 12787.38 25574.77 181 193 1 114.0813 13014.55 13014.55 182 194 1 115.0813 13243.71 13243.71	168	179	2	100.0813	10016.27	20032.54
171 182 3 103.0813 10625.76 31877.27 172 183 3 104.0813 10832.92 32498.76 173 184 2 105.0813 11042.08 22084.16 174 185 2 106.0813 11253.24 22506.49 175 186 2 107.0813 11466.41 22932.82 176 187 1 108.0813 11681.57 11681.57 177 188 2 109.0813 11898.73 23797.47 178 189 1 110.0813 12117.9 12117.9 179 191 2 112.0813 12562.22 25124.44 180 192 2 113.0813 12787.38 25574.77 181 193 1 114.0813 13014.55 13014.55 182 194 1 115.0813 13243.71 13243.71 183 195 2 116.0813 13474.87 26949.74	169	180	3	101.0813	10217.43	30652.3
172 183 3 104.0813 10832.92 32498.76 173 184 2 105.0813 11042.08 22084.16 174 185 2 106.0813 11253.24 22506.49 175 186 2 107.0813 11466.41 22932.82 176 187 1 108.0813 11681.57 11681.57 177 188 2 109.0813 11898.73 23797.47 178 189 1 110.0813 12117.9 12117.9 179 191 2 112.0813 12562.22 25124.44 180 192 2 113.0813 12787.38 25574.77 181 193 1 114.0813 13014.55 13014.55 182 194 1 115.0813 13243.71 13243.71 183 195 2 116.0813 13474.87 26949.74 184 196 2 117.0813 13708.03 27416.07	170	181	1	102.0813	10420.59	10420.59
173 184 2 105.0813 11042.08 22084.16 174 185 2 106.0813 11253.24 22506.49 175 186 2 107.0813 11466.41 22932.82 176 187 1 108.0813 11681.57 11681.57 177 188 2 109.0813 11898.73 23797.47 178 189 1 110.0813 12117.9 12117.9 179 191 2 112.0813 12562.22 25124.44 180 192 2 113.0813 12787.38 25574.77 181 193 1 114.0813 13014.55 13014.55 182 194 1 115.0813 13243.71 13243.71 183 195 2 116.0813 13474.87 26949.74 184 196 2 117.0813 13708.03 27416.07	171	182	3	103.0813	10625.76	31877.27
174 185 2 106.0813 11253.24 22506.49 175 186 2 107.0813 11466.41 22932.82 176 187 1 108.0813 11681.57 11681.57 177 188 2 109.0813 11898.73 23797.47 178 189 1 110.0813 12117.9 12117.9 179 191 2 112.0813 12562.22 25124.44 180 192 2 113.0813 12787.38 25574.77 181 193 1 114.0813 13014.55 13014.55 182 194 1 115.0813 13243.71 13243.71 183 195 2 116.0813 13474.87 26949.74 184 196 2 117.0813 13708.03 27416.07	172	183	3	104.0813	10832.92	32498.76
175 186 2 107.0813 11466.41 22932.82 176 187 1 108.0813 11681.57 11681.57 177 188 2 109.0813 11898.73 23797.47 178 189 1 110.0813 12117.9 12117.9 179 191 2 112.0813 12562.22 25124.44 180 192 2 113.0813 12787.38 25574.77 181 193 1 114.0813 13014.55 13014.55 182 194 1 115.0813 13243.71 13243.71 183 195 2 116.0813 13474.87 26949.74 184 196 2 117.0813 13708.03 27416.07	173	184	2	105.0813	11042.08	22084.16
176 187 1 108.0813 11681.57 11681.57 177 188 2 109.0813 11898.73 23797.47 178 189 1 110.0813 12117.9 12117.9 179 191 2 112.0813 12562.22 25124.44 180 192 2 113.0813 12787.38 25574.77 181 193 1 114.0813 13014.55 13014.55 182 194 1 115.0813 13243.71 13243.71 183 195 2 116.0813 13474.87 26949.74 184 196 2 117.0813 13708.03 27416.07	174	185	2	106.0813	11253.24	22506.49
177 188 2 109.0813 11898.73 23797.47 178 189 1 110.0813 12117.9 12117.9 179 191 2 112.0813 12562.22 25124.44 180 192 2 113.0813 12787.38 25574.77 181 193 1 114.0813 13014.55 13014.55 182 194 1 115.0813 13243.71 13243.71 183 195 2 116.0813 13474.87 26949.74 184 196 2 117.0813 13708.03 27416.07	175	186	2	107.0813	11466.41	22932.82
178 189 1 110.0813 12117.9 12117.9 179 191 2 112.0813 12562.22 25124.44 180 192 2 113.0813 12787.38 25574.77 181 193 1 114.0813 13014.55 13014.55 182 194 1 115.0813 13243.71 13243.71 183 195 2 116.0813 13474.87 26949.74 184 196 2 117.0813 13708.03 27416.07	176	187	1	108.0813	11681.57	11681.57
179 191 2 112.0813 12562.22 25124.44 180 192 2 113.0813 12787.38 25574.77 181 193 1 114.0813 13014.55 13014.55 182 194 1 115.0813 13243.71 13243.71 183 195 2 116.0813 13474.87 26949.74 184 196 2 117.0813 13708.03 27416.07	177	188	2	109.0813	11898.73	23797.47
180 192 2 113.0813 12787.38 25574.77 181 193 1 114.0813 13014.55 13014.55 182 194 1 115.0813 13243.71 13243.71 183 195 2 116.0813 13474.87 26949.74 184 196 2 117.0813 13708.03 27416.07	178	189	1	110.0813	12117.9	12117.9
181 193 1 114.0813 13014.55 13014.55 182 194 1 115.0813 13243.71 13243.71 183 195 2 116.0813 13474.87 26949.74 184 196 2 117.0813 13708.03 27416.07	179	191	2	112.0813	12562.22	25124.44
182 194 1 115.0813 13243.71 13243.71 183 195 2 116.0813 13474.87 26949.74 184 196 2 117.0813 13708.03 27416.07	180	192	2	113.0813	12787.38	25574.77
183 195 2 116.0813 13474.87 26949.74 184 196 2 117.0813 13708.03 27416.07	181	193	1	114.0813	13014.55	13014.55
184 196 2 117.0813 13708.03 27416.07	182	194	1	115.0813	13243.71	13243.71
	183	195	2	116.0813	13474.87	26949.74
185 197 2 118 0813 13943 2 27886 39	184	196	2	117.0813	13708.03	27416.07
10.0013 157-3.2 27880.33	185	197	2	118.0813	13943.2	27886.39

187 199 1 120.0813 14419.52 14419.52 188 200 2 121.0813 14660.68 29321.37 189 201 1 122.0813 14903.85 14903.85 190 202 1 123.0813 15149.01 15149.01 191 203 2 124.0813 15396.17 30792.34 192 204 3 125.0813 15645.33 46936 193 205 1 126.0813 15695.33 46936 194 206 3 127.0813 16149.66 48448.98 195 207 2 128.0813 16604.82 32809.65 196 208 3 129.0813 16661.99 49985.96 197 209 1 130.0813 17454.47 34890.95 197 209 1 130.0813 17710.64 35421.27 201 213 2 133.0813 17710.64 35421.27 </th <th>400</th> <th>100</th> <th></th> <th>110 0010</th> <th>1110000</th> <th>22252 72</th>	400	100		110 0010	1110000	22252 72
188 200 2 121.0813 14660.68 29321.37 189 201 1 122.0813 14903.85 14903.85 190 202 1 123.0813 15149.01 15149.01 191 203 2 124.0813 15396.17 30792.34 192 204 3 125.0813 15645.33 46936 193 205 1 126.0813 15896.5 15896.5 194 206 3 127.0813 16149.66 48448.98 195 207 2 128.0813 16661.99 49985.96 196 208 3 129.0813 16661.99 49985.96 197 209 1 130.0813 16921.15 16921.15 198 210 2 131.0813 17182.31 34364.62 199 211 2 132.0813 17710.64 35421.27 201 213 2 134.0813 17977.8 35955.6 <td>186</td> <td>198</td> <td>2</td> <td>119.0813</td> <td>14180.36</td> <td>28360.72</td>	186	198	2	119.0813	14180.36	28360.72
189 201 1 122.0813 14903.85 1490.85 190 202 1 123.0813 15149.01 15149.01 191 203 2 124.0813 15396.17 30792.34 192 204 3 125.0813 15645.33 46936 193 205 1 126.0813 15896.5 15896.5 194 206 3 127.0813 16149.66 48448.98 195 207 2 128.0813 16404.82 32809.65 196 208 3 129.0813 16661.99 49985.96 197 209 1 130.0813 16921.15 16921.15 198 210 2 131.0813 17182.31 34364.62 199 211 2 133.0813 17710.64 35421.27 200 212 2 133.0813 17710.64 35421.27 201 213 2 134.0813 17977.8 35955.6 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
190 202 1 123.0813 15149.01 15149.01 191 203 2 124.0813 15396.17 30792.34 192 204 3 125.0813 15645.33 46936 193 205 1 126.0813 15896.5 15896.5 194 206 3 127.0813 16149.66 48448.98 195 207 2 128.0813 16404.82 32809.65 196 208 3 129.0813 16661.99 49985.96 197 209 1 130.0813 16921.15 16921.15 198 210 2 131.0813 17182.31 34364.62 199 211 2 133.0813 17710.64 35421.27 200 212 2 133.0813 17710.64 35421.27 201 213 2 134.0813 17977.8 35955.6 202 214 1 135.0813 18246.96 18246.96 <td>188</td> <td>200</td> <td>2</td> <td>121.0813</td> <td>14660.68</td> <td>29321.37</td>	188	200	2	121.0813	14660.68	29321.37
191 203 2 124.0813 15396.17 30792.34 192 204 3 125.0813 15645.33 46936 193 205 1 126.0813 15896.5 15896.5 194 206 3 127.0813 16149.66 48448.98 195 207 2 128.0813 16404.82 32809.65 196 208 3 129.0813 16661.99 49985.96 197 209 1 130.0813 16921.15 16921.15 198 210 2 131.0813 17182.31 34364.62 199 211 2 132.0813 17745.47 34890.95 200 212 2 133.0813 17977.8 35955.6 201 213 2 134.0813 17977.8 35955.6 202 214 1 135.0813 18246.96 18246.96 203 217 1 138.0813 19066.45 19066.45	189	201	1	122.0813	14903.85	14903.85
192 204 3 125.0813 15645.33 46936 193 205 1 126.0813 15896.5 15896.5 194 206 3 127.0813 16149.66 48448.98 195 207 2 128.0813 16404.82 32809.65 196 208 3 129.0813 16661.99 49985.96 197 209 1 130.0813 16921.15 16921.15 198 210 2 131.0813 17182.31 34364.62 199 211 2 132.0813 17445.47 34890.95 200 212 2 133.0813 17710.64 35421.27 201 213 2 134.0813 17977.8 35955.6 202 214 1 135.0813 18246.96 18246.96 203 217 1 138.0813 19066.45 19066.45 204 219 1 140.0813 19622.77 19622.77 <td>190</td> <td>202</td> <td>1</td> <td>123.0813</td> <td>15149.01</td> <td>15149.01</td>	190	202	1	123.0813	15149.01	15149.01
193 205 1 126.0813 15896.5 15896.5 194 206 3 127.0813 16149.66 48448.98 195 207 2 128.0813 16404.82 32809.65 196 208 3 129.0813 16661.99 49985.96 197 209 1 130.0813 16921.15 16921.15 198 210 2 131.0813 17182.31 34364.62 199 211 2 132.0813 17745.47 34890.95 200 212 2 133.0813 17710.64 35421.27 201 213 2 134.0813 17977.8 35955.6 202 214 1 135.0813 18246.96 18246.96 203 217 1 138.0813 19066.45 19066.45 204 219 1 140.0813 19622.77 19622.77 205 221 2 142.0813 20187.1 40374.2 </td <td>191</td> <td>203</td> <td>2</td> <td>124.0813</td> <td>15396.17</td> <td>30792.34</td>	191	203	2	124.0813	15396.17	30792.34
194 206 3 127.0813 16149.66 48448.98 195 207 2 128.0813 16404.82 32809.65 196 208 3 129.0813 16661.99 49985.96 197 209 1 130.0813 16921.15 16921.15 198 210 2 131.0813 17182.31 34364.62 199 211 2 132.0813 17445.47 34890.95 200 212 2 133.0813 17710.64 35421.27 201 213 2 134.0813 17977.8 35955.6 202 214 1 135.0813 18246.96 18246.96 203 217 1 138.0813 19066.45 19066.45 204 219 1 140.0813 19622.77 19622.77 205 221 2 142.0813 20187.1 40374.2 206 222 2 143.0813 20472.26 40944.52	192	204	3	125.0813	15645.33	46936
195 207 2 128.0813 16404.82 32809.65 196 208 3 129.0813 16661.99 49985.96 197 209 1 130.0813 16921.15 16921.15 198 210 2 131.0813 17182.31 34364.62 199 211 2 132.0813 17445.47 34890.95 200 212 2 133.0813 17710.64 35421.27 201 213 2 134.0813 17977.8 35955.6 202 214 1 135.0813 18246.96 18246.96 203 217 1 138.0813 19066.45 19066.45 204 219 1 140.0813 19622.77 19622.77 2062.27 205 221 2 142.0813 20187.1 40374.2 206 222 2 143.0813 20472.26 40944.52 207 224 1 145.0813 21048.59 21048.59 21048	193	205	1	126.0813	15896.5	15896.5
196 208 3 129.0813 16661.99 49985.96 197 209 1 130.0813 16921.15 16921.15 198 210 2 131.0813 17182.31 34364.62 199 211 2 132.0813 17445.47 34890.95 200 212 2 133.0813 17910.64 35421.27 201 213 2 134.0813 17977.8 35955.6 202 214 1 135.0813 18246.96 18246.96 203 217 1 138.0813 19066.45 19066.45 204 219 1 140.0813 19622.77 19622.77 205 221 2 142.0813 20187.1 40374.2 206 222 2 143.0813 20472.26 40944.52 207 224 1 145.0813 21048.59 21048.59 208 228 1 149.0813 22225.24 22225.24	194	206	3	127.0813	16149.66	48448.98
197 209 1 130.0813 16921.15 16921.15 198 210 2 131.0813 17182.31 34364.62 199 211 2 132.0813 17745.47 34890.95 200 212 2 133.0813 17770.64 35421.27 201 213 2 134.0813 17977.8 35955.6 202 214 1 135.0813 18246.96 18246.96 203 217 1 138.0813 19066.45 19066.45 204 219 1 140.0813 19622.77 19622.77 205 221 2 143.0813 20472.26 40944.52 207 224 1 145.0813 21048.59 21048.59 208 228 1 149.0813 22225.24 22225.24 209 230 1 151.0813 22825.56 22825.56 210 231 1 152.0813 23128.73 23128.73	195	207	2	128.0813	16404.82	32809.65
198 210 2 131.0813 17182.31 34364.62 199 211 2 132.0813 17445.47 34890.95 200 212 2 133.0813 177710.64 35421.27 201 213 2 134.0813 17977.8 35955.6 202 214 1 135.0813 18246.96 18246.96 203 217 1 138.0813 19066.45 19066.45 204 219 1 140.0813 19622.77 19622.77 205 221 2 142.0813 20187.1 40374.2 206 222 2 143.0813 20472.26 40944.52 207 224 1 145.0813 21048.59 21048.59 208 228 1 149.0813 22225.24 22225.24 209 230 1 151.0813 22825.56 22825.56 210 231 1 152.0813 23128.73 23128.73	196	208	3	129.0813	16661.99	49985.96
199 211 2 132.0813 17445.47 34890.95 200 212 2 133.0813 17710.64 35421.27 201 213 2 134.0813 17977.8 35955.6 202 214 1 135.0813 18246.96 18246.96 203 217 1 138.0813 19066.45 19066.45 204 219 1 140.0813 19622.77 19622.77 205 221 2 142.0813 20187.1 40374.2 206 222 2 143.0813 20472.26 40944.52 207 224 1 145.0813 21048.59 21048.59 208 228 1 149.0813 2225.24 22225.24 209 230 1 151.0813 22825.56 22825.56 210 231 1 152.0813 23128.73 23128.73 211 232 1 153.0813 23433.89 23433.89 <	197	209	1	130.0813	16921.15	16921.15
200 212 2 133.0813 17710.64 35421.27 201 213 2 134.0813 17977.8 35955.6 202 214 1 135.0813 18246.96 18246.96 203 217 1 138.0813 19066.45 19066.45 204 219 1 140.0813 19622.77 19622.77 205 221 2 142.0813 20187.1 40374.2 206 222 2 143.0813 20472.26 40944.52 207 224 1 145.0813 21048.59 21048.59 208 228 1 149.0813 22225.24 22225.24 209 230 1 151.0813 22825.56 22825.56 210 231 1 152.0813 23128.73 23128.73 211 232 1 153.0813 23433.89 23433.89 212 233 2 154.0813 23741.05 47482.1 <	198	210	2	131.0813	17182.31	34364.62
201 213 2 134.0813 17977.8 35955.6 202 214 1 135.0813 18246.96 18246.96 203 217 1 138.0813 19066.45 19066.45 204 219 1 140.0813 19622.77 19622.77 205 221 2 142.0813 20187.1 40374.2 206 222 2 143.0813 20472.26 40944.52 207 224 1 145.0813 21048.59 21048.59 208 228 1 149.0813 22225.24 22225.24 209 230 1 151.0813 22825.56 22825.56 210 231 1 152.0813 23128.73 23128.73 211 232 1 153.0813 23433.89 23433.89 212 233 2 154.0813 23741.05 47482.1 213 234 1 155.0813 24950.21 24050.21 <	199	211	2	132.0813	17445.47	34890.95
202 214 1 135.0813 18246.96 18246.96 203 217 1 138.0813 19066.45 19066.45 204 219 1 140.0813 19622.77 19622.77 205 221 2 142.0813 20187.1 40374.2 206 222 2 143.0813 20472.26 40944.52 207 224 1 145.0813 21048.59 21048.59 208 228 1 149.0813 22225.24 22225.24 209 230 1 151.0813 22825.56 22825.56 210 231 1 152.0813 23128.73 23128.73 211 232 1 153.0813 23433.89 23433.89 212 233 2 154.0813 23741.05 47482.1 213 234 1 155.0813 24050.21 24050.21 214 235 2 156.0813 24361.38 48722.75	200	212	2	133.0813	17710.64	35421.27
203 217 1 138.0813 19066.45 19066.45 204 219 1 140.0813 19622.77 19622.77 205 221 2 142.0813 20187.1 40374.2 206 222 2 143.0813 20472.26 40944.52 207 224 1 145.0813 21048.59 21048.59 208 228 1 149.0813 22225.24 22225.24 209 230 1 151.0813 22825.56 22825.56 210 231 1 152.0813 23128.73 23128.73 211 232 1 153.0813 23433.89 23433.89 212 233 2 154.0813 23741.05 47482.1 213 234 1 155.0813 24050.21 24050.21 214 235 2 156.0813 24361.38 48722.75 215 237 1 158.0813 24989.7 24989.7 <	201	213	2	134.0813	17977.8	35955.6
204 219 1 140.0813 19622.77 19622.77 205 221 2 142.0813 20187.1 40374.2 206 222 2 143.0813 20472.26 40944.52 207 224 1 145.0813 21048.59 21048.59 208 228 1 149.0813 22225.24 22225.24 209 230 1 151.0813 22825.56 22825.56 210 231 1 152.0813 23128.73 23128.73 211 232 1 153.0813 23433.89 23433.89 212 233 2 154.0813 23741.05 47482.1 213 234 1 155.0813 24050.21 24050.21 214 235 2 156.0813 24361.38 48722.75 215 237 1 158.0813 24989.7 24989.7 216 238 1 159.0813 25626.03 25626.03 <	202	214	1	135.0813	18246.96	18246.96
205 221 2 142.0813 20187.1 40374.2 206 222 2 143.0813 20472.26 40944.52 207 224 1 145.0813 21048.59 21048.59 208 228 1 149.0813 22225.24 22225.24 209 230 1 151.0813 22825.56 22825.56 210 231 1 152.0813 23128.73 23128.73 211 232 1 153.0813 23433.89 23433.89 212 233 2 154.0813 23741.05 47482.1 213 234 1 155.0813 24050.21 24050.21 214 235 2 156.0813 24361.38 48722.75 215 237 1 158.0813 24989.7 24989.7 216 238 1 159.0813 25306.86 25306.86 217 239 1 160.0813 25626.03 25626.03 <	203	217	1	138.0813	19066.45	19066.45
206 222 2 143.0813 20472.26 40944.52 207 224 1 145.0813 21048.59 21048.59 208 228 1 149.0813 22225.24 22225.24 209 230 1 151.0813 22825.56 22825.56 210 231 1 152.0813 23128.73 23128.73 211 232 1 153.0813 23433.89 23433.89 212 233 2 154.0813 23741.05 47482.1 213 234 1 155.0813 24050.21 24050.21 214 235 2 156.0813 24361.38 48722.75 215 237 1 158.0813 24989.7 24989.7 216 238 1 159.0813 2506.86 25306.86 217 239 1 160.0813 25626.03 25626.03 218 240 1 161.0813 25947.19 25947.19	204	219	1	140.0813	19622.77	19622.77
207 224 1 145.0813 21048.59 21048.59 208 228 1 149.0813 22225.24 2225.24 209 230 1 151.0813 22825.56 22825.56 210 231 1 152.0813 23128.73 23128.73 211 232 1 153.0813 23433.89 23433.89 212 233 2 154.0813 23741.05 47482.1 213 234 1 155.0813 24050.21 24050.21 214 235 2 156.0813 24361.38 48722.75 215 237 1 158.0813 24989.7 24989.7 216 238 1 159.0813 25306.86 25306.86 217 239 1 160.0813 25626.03 25626.03 218 240 1 161.0813 25947.19 25947.19 219 242 2 168.0813 28251.33 56502.66	205	221	2	142.0813	20187.1	40374.2
208 228 1 149.0813 22225.24 22225.24 209 230 1 151.0813 22825.56 22825.56 210 231 1 152.0813 23128.73 23128.73 211 232 1 153.0813 23433.89 23433.89 212 233 2 154.0813 23741.05 47482.1 213 234 1 155.0813 24050.21 24050.21 214 235 2 156.0813 24361.38 48722.75 215 237 1 158.0813 24989.7 24989.7 216 238 1 159.0813 25306.86 25306.86 217 239 1 160.0813 25626.03 25626.03 218 240 1 161.0813 25947.19 25947.19 219 242 2 163.0813 28551.33 56502.66 221 248 2 169.0813 28588.49 57176.98	206	222	2	143.0813	20472.26	40944.52
209 230 1 151.0813 22825.56 22825.56 210 231 1 152.0813 23128.73 23128.73 211 232 1 153.0813 23433.89 23433.89 212 233 2 154.0813 23741.05 47482.1 213 234 1 155.0813 24050.21 24050.21 214 235 2 156.0813 24361.38 48722.75 215 237 1 158.0813 24989.7 24989.7 216 238 1 159.0813 25306.86 25306.86 217 239 1 160.0813 25626.03 25626.03 218 240 1 161.0813 25947.19 25947.19 219 242 2 163.0813 26595.51 53191.03 220 247 2 168.0813 28251.33 56502.66 221 248 2 169.0813 28927.65 28927.65	207	224	1	145.0813	21048.59	21048.59
210 231 1 152.0813 23128.73 23128.73 211 232 1 153.0813 23433.89 23433.89 212 233 2 154.0813 23741.05 47482.1 213 234 1 155.0813 24050.21 24050.21 214 235 2 156.0813 24361.38 48722.75 215 237 1 158.0813 24989.7 24989.7 216 238 1 159.0813 25306.86 25306.86 217 239 1 160.0813 25626.03 25626.03 218 240 1 161.0813 25947.19 25947.19 219 242 2 163.0813 26595.51 53191.03 220 247 2 168.0813 28251.33 56502.66 221 248 2 169.0813 28588.49 57176.98 222 249 1 170.0813 28927.65 28927.65	208	228	1	149.0813	22225.24	22225.24
211 232 1 153.0813 23433.89 23433.89 212 233 2 154.0813 23741.05 47482.1 213 234 1 155.0813 24050.21 24050.21 214 235 2 156.0813 24361.38 48722.75 215 237 1 158.0813 24989.7 24989.7 216 238 1 159.0813 25306.86 25306.86 217 239 1 160.0813 25626.03 25626.03 218 240 1 161.0813 25947.19 25947.19 219 242 2 163.0813 26595.51 53191.03 220 247 2 168.0813 28251.33 56502.66 221 248 2 169.0813 28588.49 57176.98 222 249 1 170.0813 28927.65 28927.65 223 250 1 171.0813 29611.98 29611.98	209	230	1	151.0813	22825.56	22825.56
212 233 2 154.0813 23741.05 47482.1 213 234 1 155.0813 24050.21 24050.21 214 235 2 156.0813 24361.38 48722.75 215 237 1 158.0813 24989.7 24989.7 216 238 1 159.0813 25306.86 25306.86 217 239 1 160.0813 25626.03 25626.03 218 240 1 161.0813 25947.19 25947.19 219 242 2 163.0813 26595.51 53191.03 220 247 2 168.0813 28251.33 56502.66 221 248 2 169.0813 28588.49 57176.98 222 249 1 170.0813 28927.65 28927.65 223 250 1 171.0813 29611.98 29611.98 224 251 1 172.0813 29611.98 29611.98 225 253 1 174.0813 30304.3 30304.3 <	210	231	1	152.0813	23128.73	23128.73
213 234 1 155.0813 24050.21 24050.21 214 235 2 156.0813 24361.38 48722.75 215 237 1 158.0813 24989.7 24989.7 216 238 1 159.0813 25306.86 25306.86 217 239 1 160.0813 25626.03 25626.03 218 240 1 161.0813 25947.19 25947.19 219 242 2 163.0813 26595.51 53191.03 220 247 2 168.0813 28251.33 56502.66 221 248 2 169.0813 28588.49 57176.98 222 249 1 170.0813 28927.65 28927.65 223 250 1 171.0813 2968.82 29268.82 224 251 1 172.0813 29611.98 29611.98 225 253 1 174.0813 30304.3 30304.3 <	211	232	1	153.0813	23433.89	23433.89
214 235 2 156.0813 24361.38 48722.75 215 237 1 158.0813 24989.7 24989.7 216 238 1 159.0813 25306.86 25306.86 217 239 1 160.0813 25626.03 25626.03 218 240 1 161.0813 25947.19 25947.19 219 242 2 163.0813 26595.51 53191.03 220 247 2 168.0813 28251.33 56502.66 221 248 2 169.0813 28588.49 57176.98 222 249 1 170.0813 28927.65 28927.65 223 250 1 171.0813 29268.82 29268.82 224 251 1 172.0813 29611.98 29611.98 225 253 1 174.0813 30304.3 30304.3	212	233	2	154.0813	23741.05	47482.1
215 237 1 158.0813 24989.7 24989.7 216 238 1 159.0813 25306.86 25306.86 217 239 1 160.0813 25626.03 25626.03 218 240 1 161.0813 25947.19 25947.19 219 242 2 163.0813 26595.51 53191.03 220 247 2 168.0813 28251.33 56502.66 221 248 2 169.0813 28588.49 57176.98 222 249 1 170.0813 28927.65 28927.65 223 250 1 171.0813 29268.82 29268.82 224 251 1 172.0813 29611.98 29611.98 225 253 1 174.0813 30304.3 30304.3	213	234	1	155.0813	24050.21	24050.21
216 238 1 159.0813 25306.86 25306.86 217 239 1 160.0813 25626.03 25626.03 218 240 1 161.0813 25947.19 25947.19 219 242 2 163.0813 26595.51 53191.03 220 247 2 168.0813 28251.33 56502.66 221 248 2 169.0813 28588.49 57176.98 222 249 1 170.0813 28927.65 28927.65 223 250 1 171.0813 29268.82 29268.82 224 251 1 172.0813 29611.98 29611.98 225 253 1 174.0813 30304.3 30304.3	214	235	2	156.0813	24361.38	48722.75
217 239 1 160.0813 25626.03 25626.03 218 240 1 161.0813 25947.19 25947.19 219 242 2 163.0813 26595.51 53191.03 220 247 2 168.0813 28251.33 56502.66 221 248 2 169.0813 28588.49 57176.98 222 249 1 170.0813 28927.65 28927.65 223 250 1 171.0813 29268.82 29268.82 224 251 1 172.0813 29611.98 29611.98 225 253 1 174.0813 30304.3 30304.3	215	237	1	158.0813	24989.7	24989.7
218 240 1 161.0813 25947.19 25947.19 219 242 2 163.0813 26595.51 53191.03 220 247 2 168.0813 28251.33 56502.66 221 248 2 169.0813 28588.49 57176.98 222 249 1 170.0813 28927.65 28927.65 223 250 1 171.0813 29268.82 29268.82 224 251 1 172.0813 29611.98 29611.98 225 253 1 174.0813 30304.3 30304.3	216	238	1	159.0813	25306.86	25306.86
219 242 2 163.0813 26595.51 53191.03 220 247 2 168.0813 28251.33 56502.66 221 248 2 169.0813 28588.49 57176.98 222 249 1 170.0813 28927.65 28927.65 223 250 1 171.0813 29268.82 29268.82 224 251 1 172.0813 29611.98 29611.98 225 253 1 174.0813 30304.3 30304.3	217	239	1	160.0813	25626.03	25626.03
220 247 2 168.0813 28251.33 56502.66 221 248 2 169.0813 28588.49 57176.98 222 249 1 170.0813 28927.65 28927.65 223 250 1 171.0813 29268.82 29268.82 224 251 1 172.0813 29611.98 29611.98 225 253 1 174.0813 30304.3 30304.3	218	240	1	161.0813	25947.19	25947.19
221 248 2 169.0813 28588.49 57176.98 222 249 1 170.0813 28927.65 28927.65 223 250 1 171.0813 29268.82 29268.82 224 251 1 172.0813 29611.98 29611.98 225 253 1 174.0813 30304.3 30304.3	219	242	2	163.0813	26595.51	53191.03
222 249 1 170.0813 28927.65 28927.65 223 250 1 171.0813 29268.82 29268.82 224 251 1 172.0813 29611.98 29611.98 225 253 1 174.0813 30304.3 30304.3	220	247	2	168.0813	28251.33	56502.66
223 250 1 171.0813 29268.82 29268.82 224 251 1 172.0813 29611.98 29611.98 225 253 1 174.0813 30304.3 30304.3	221	248	2	169.0813	28588.49	57176.98
224 251 1 172.0813 29611.98 29611.98 225 253 1 174.0813 30304.3 30304.3	222	249	1	170.0813	28927.65	28927.65
225 253 1 174.0813 30304.3 30304.3	223	250	1	171.0813	29268.82	29268.82
	224	251	1	172.0813	29611.98	29611.98
226 255 1 176 0813 31004 63 31004 63	225	253	1	174.0813	30304.3	30304.3
223 233 1 170.0013 31004.03 31004.03	226	255	1	176.0813	31004.63	31004.63
227 256 1 177.0813 31357.79 31357.79	227	256	1	177.0813	31357.79	31357.79
228 257 3 178.0813 31712.95 95138.86	228	257	3	178.0813	31712.95	95138.86

229 261 1 182.0813 33153.6 33153.6 230 263 1 184.0813 33885.93 33885 231 266 2 187.0813 34999.42 69998 232 267 2 188.0813 35374.58 70749 233 271 2 192.0813 36895.23 73790 234 279 1 200.0813 40032.53 40032 235 281 2 202.0813 40836.86 81673 236 282 2 203.0813 41242.02 82484 237 284 1 205.0813 42058.34 42058 238 285 1 206.0813 42469.51 42469 239 289 2 210.0813 44134.16 88268 240 290 1 211.0813 45830.81 91661 242 294 1 215.0813 46259.97 46259 243 <th>3.6</th>	3.6
231 266 2 187.0813 34999.42 69998 232 267 2 188.0813 35374.58 70749 233 271 2 192.0813 36895.23 73790 234 279 1 200.0813 40032.53 40032 235 281 2 202.0813 40836.86 81673 236 282 2 203.0813 41242.02 82484 237 284 1 205.0813 42058.34 42058 238 285 1 206.0813 42469.51 42469 239 289 2 210.0813 44134.16 88268 240 290 1 211.0813 44555.32 44555 241 293 2 214.0813 45830.81 91661 242 294 1 215.0813 46259.97 46259 243 300 1 221.0813 48876.95 48876 244	
232 267 2 188.0813 35374.58 70749 233 271 2 192.0813 36895.23 73790 234 279 1 200.0813 40032.53 40032 235 281 2 202.0813 40836.86 81673 236 282 2 203.0813 41242.02 82484 237 284 1 205.0813 42058.34 42058 238 285 1 206.0813 42469.51 42469 239 289 2 210.0813 44134.16 88268 240 290 1 211.0813 44555.32 44555 241 293 2 214.0813 45830.81 91661 242 294 1 215.0813 46259.97 46259 243 300 1 221.0813 48876.95 48876 244 301 1 222.0813 49320.11 49320 245	.93
233 271 2 192.0813 36895.23 73790 234 279 1 200.0813 40032.53 40032 235 281 2 202.0813 40836.86 81673 236 282 2 203.0813 41242.02 82484 237 284 1 205.0813 42058.34 42058 238 285 1 206.0813 42469.51 42469 239 289 2 210.0813 44134.16 88268 240 290 1 211.0813 44555.32 44555 241 293 2 214.0813 45830.81 91661 242 294 1 215.0813 46259.97 46259 243 300 1 221.0813 48876.95 48876 244 301 1 222.0813 49320.11 49320 245 302 1 223.0813 49765.27 49765 246	.84
234 279 1 200.0813 40032.53 40032 235 281 2 202.0813 40836.86 81673 236 282 2 203.0813 41242.02 82484 237 284 1 205.0813 42058.34 42058 238 285 1 206.0813 42469.51 42469 239 289 2 210.0813 44134.16 88268 240 290 1 211.0813 44555.32 44555 241 293 2 214.0813 45830.81 91661 242 294 1 215.0813 46259.97 46259 243 300 1 221.0813 48876.95 48876 244 301 1 222.0813 49320.11 49320 245 302 1 223.0813 49765.27 49765 246 306 1 227.0813 51565.92 51565 247	.16
235 281 2 202.0813 40836.86 81673 236 282 2 203.0813 41242.02 82484 237 284 1 205.0813 42058.34 42058 238 285 1 206.0813 42469.51 42469 239 289 2 210.0813 44134.16 88268 240 290 1 211.0813 44555.32 44555 241 293 2 214.0813 45830.81 91661 242 294 1 215.0813 46259.97 46259 243 300 1 221.0813 48876.95 48876 244 301 1 222.0813 49320.11 49320 245 302 1 223.0813 49765.27 49765 246 306 1 227.0813 51565.92 51565 247 309 1 230.0813 52937.41 52937 248	.46
236 282 2 203.0813 41242.02 82484 237 284 1 205.0813 42058.34 42058 238 285 1 206.0813 42469.51 42469 239 289 2 210.0813 44134.16 88268 240 290 1 211.0813 44555.32 44555 241 293 2 214.0813 45830.81 91661 242 294 1 215.0813 46259.97 46259 243 300 1 221.0813 48876.95 48876 244 301 1 222.0813 49320.11 49320 245 302 1 223.0813 49765.27 49765 246 306 1 227.0813 51565.92 51565 247 309 1 230.0813 52937.41 52937 248 310 1 231.0813 54326.9 54326 250	.53
237 284 1 205.0813 42058.34 42058 238 285 1 206.0813 42469.51 42469 239 289 2 210.0813 44134.16 88268 240 290 1 211.0813 44555.32 44555 241 293 2 214.0813 45830.81 91661 242 294 1 215.0813 46259.97 46259 243 300 1 221.0813 48876.95 48876 244 301 1 222.0813 49320.11 49320 245 302 1 223.0813 49765.27 49765 246 306 1 227.0813 51565.92 51565 247 309 1 230.0813 52937.41 52937 248 310 1 231.0813 54326.9 54326 250 313 1 234.0813 54794.06 54794 251	.71
238 285 1 206.0813 42469.51 42469 239 289 2 210.0813 44134.16 88268 240 290 1 211.0813 44555.32 44555 241 293 2 214.0813 45830.81 91661 242 294 1 215.0813 46259.97 46259 243 300 1 221.0813 48876.95 48876 244 301 1 222.0813 49320.11 49320 245 302 1 223.0813 49765.27 49765 246 306 1 227.0813 51565.92 51565 247 309 1 230.0813 52937.41 52937 248 310 1 231.0813 53398.57 53398 249 312 1 233.0813 54794.06 54794 250 313 1 234.0813 54794.06 54794 251	.04
239 289 2 210.0813 44134.16 88268 240 290 1 211.0813 44555.32 44555 241 293 2 214.0813 45830.81 91661 242 294 1 215.0813 46259.97 46259 243 300 1 221.0813 48876.95 48876 244 301 1 222.0813 49320.11 49320 245 302 1 223.0813 49765.27 49765 246 306 1 227.0813 51565.92 51565 247 309 1 230.0813 52937.41 52937 248 310 1 231.0813 53398.57 53398 249 312 1 233.0813 54326.9 54326 250 313 1 234.0813 54794.06 54794 251 316 1 237.0813 56207.55 56207 252	.34
240 290 1 211.0813 44555.32 44555 241 293 2 214.0813 45830.81 91661 242 294 1 215.0813 46259.97 46259 243 300 1 221.0813 48876.95 48876 244 301 1 222.0813 49320.11 49320 245 302 1 223.0813 49765.27 49765 246 306 1 227.0813 51565.92 51565 247 309 1 230.0813 52937.41 52937 248 310 1 231.0813 53398.57 53398 249 312 1 233.0813 54326.9 54326 250 313 1 234.0813 54794.06 54794 251 316 1 237.0813 56207.55 56207 252 318 1 239.0813 57159.87 57159 253 319 1 240.0813 57639.04 57639	.51
241 293 2 214.0813 45830.81 91661 242 294 1 215.0813 46259.97 46259 243 300 1 221.0813 48876.95 48876 244 301 1 222.0813 49320.11 49320 245 302 1 223.0813 49765.27 49765 246 306 1 227.0813 51565.92 51565 247 309 1 230.0813 52937.41 52937 248 310 1 231.0813 53398.57 53398 249 312 1 233.0813 54326.9 54326 250 313 1 234.0813 54794.06 54794 251 316 1 237.0813 56207.55 56207 252 318 1 239.0813 57159.87 57159 253 319 1 240.0813 57639.04 57639	.32
242 294 1 215.0813 46259.97 46259 243 300 1 221.0813 48876.95 48876 244 301 1 222.0813 49320.11 49320 245 302 1 223.0813 49765.27 49765 246 306 1 227.0813 51565.92 51565 247 309 1 230.0813 52937.41 52937 248 310 1 231.0813 53398.57 53398 249 312 1 233.0813 54326.9 54326 250 313 1 234.0813 54794.06 54794 251 316 1 237.0813 56207.55 56207 252 318 1 239.0813 57159.87 57159 253 319 1 240.0813 57639.04 57639	.32
243 300 1 221.0813 48876.95 48876 244 301 1 222.0813 49320.11 49320 245 302 1 223.0813 49765.27 49765 246 306 1 227.0813 51565.92 51565 247 309 1 230.0813 52937.41 52937 248 310 1 231.0813 53398.57 53398 249 312 1 233.0813 54326.9 54326 250 313 1 234.0813 54794.06 54794 251 316 1 237.0813 56207.55 56207 252 318 1 239.0813 57159.87 57159 253 319 1 240.0813 57639.04 57639	.62
244 301 1 222.0813 49320.11 49320 245 302 1 223.0813 49765.27 49765 246 306 1 227.0813 51565.92 51565 247 309 1 230.0813 52937.41 52937 248 310 1 231.0813 53398.57 53398 249 312 1 233.0813 54326.9 54326 250 313 1 234.0813 54794.06 54794 251 316 1 237.0813 56207.55 56207 252 318 1 239.0813 57159.87 57159 253 319 1 240.0813 57639.04 57639	.97
245 302 1 223.0813 49765.27 49765 246 306 1 227.0813 51565.92 51565 247 309 1 230.0813 52937.41 52937 248 310 1 231.0813 53398.57 53398 249 312 1 233.0813 54326.9 54326 250 313 1 234.0813 54794.06 54794 251 316 1 237.0813 56207.55 56207 252 318 1 239.0813 57159.87 57159 253 319 1 240.0813 57639.04 57639	.95
246 306 1 227.0813 51565.92 51565 247 309 1 230.0813 52937.41 52937 248 310 1 231.0813 53398.57 53398 249 312 1 233.0813 54326.9 54326 250 313 1 234.0813 54794.06 54794 251 316 1 237.0813 56207.55 56207 252 318 1 239.0813 57159.87 57159 253 319 1 240.0813 57639.04 57639	.11
247 309 1 230.0813 52937.41 52937 248 310 1 231.0813 53398.57 53398 249 312 1 233.0813 54326.9 54326 250 313 1 234.0813 54794.06 54794 251 316 1 237.0813 56207.55 56207 252 318 1 239.0813 57159.87 57159 253 319 1 240.0813 57639.04 57639	.27
248 310 1 231.0813 53398.57 53398 249 312 1 233.0813 54326.9 54326 250 313 1 234.0813 54794.06 54794 251 316 1 237.0813 56207.55 56207 252 318 1 239.0813 57159.87 57159 253 319 1 240.0813 57639.04 57639	.92
249 312 1 233.0813 54326.9 54326 250 313 1 234.0813 54794.06 54794 251 316 1 237.0813 56207.55 56207 252 318 1 239.0813 57159.87 57159 253 319 1 240.0813 57639.04 57639	.41
250 313 1 234.0813 54794.06 54794 251 316 1 237.0813 56207.55 56207 252 318 1 239.0813 57159.87 57159 253 319 1 240.0813 57639.04 57639	.57
251 316 1 237.0813 56207.55 56207 252 318 1 239.0813 57159.87 57159 253 319 1 240.0813 57639.04 57639	5.9
252 318 1 239.0813 57159.87 57159 253 319 1 240.0813 57639.04 57639	.06
253 319 1 240.0813 57639.04 57639	.55
	.87
254 320 3 241.0813 58120.2 17436	.04
	0.6
255 326 1 247.0813 61049.18 61049	.18
256 329 1 250.0813 62540.66 62540	.66
257 330 2 251.0813 63041.83 12608	3.7
258 331 1 252.0813 63544.99 63544	.99
259 335 1 256.0813 65577.64 65577	.64
260 336 1 257.0813 66090.8 66090	0.8
261 337 1 258.0813 66605.96 66605	.96
262 339 1 260.0813 67642.29 67642	.29
263 341 1 262.0813 68686.61 68686	.61
264 342 1 263.0813 69211.78 69211	.78
265 343 1 264.0813 69738.94 69738	.94
266 346 1 267.0813 71332.43 71332	43
267 348 1 269.0813 72404.75 72404	
268 353 1 274.0813 75120.57 75120	
269 356 1 277.0813 76774.05 76774	.75
270 357 1 278.0813 77329.22 77329	.75 .57
271 358 1 279.0813 77886.38 77886	.75 .57 .05

272 359 1 280.0813 78445.54 78445.54 273 360 1 281.0813 79006.7 79006.7 274 361 1 282.0813 79569.87 79569.87 275 363 2 284.0813 80702.19 161404.4 276 366 1 287.0813 82415.68 82415.68 277 367 1 288.0813 82990.84 82990.84 278 368 1 289.0813 83568.01 83568.01 279 369 2 290.0813 84147.17 168294.3 280 371 1 292.0813 8596.66 8596.66 282 374 1 293.0813 85856.61 8596.66 282 374 1 293.0813 85257.31 176514.6 284 378 1 299.0813 89449.63 89449.63 284 378 1 299.0813 89449.63 89449.63 <				1	1	
274 361 1 282.0813 79569.87 79569.87 275 363 2 284.0813 80702.19 161404.4 276 366 1 287.0813 82415.68 82415.68 277 367 1 288.0813 82990.84 82990.84 278 368 1 289.0813 83568.01 83568.01 279 369 2 290.0813 85311.49 85311.49 280 371 1 293.0813 85896.66 85896.66 282 374 1 295.0813 87072.98 87072.98 283 376 2 297.0813 88257.31 176514.6 284 378 1 299.0813 89449.63 89449.63 285 383 1 304.0813 92465.44 92465.44 286 384 1 305.0813 93074.61 93074.61 287 385 1 306.0813 94298.93 94298.93	272	359	1	280.0813	78445.54	78445.54
275 363 2 284.0813 80702.19 161404.4 276 366 1 287.0813 82415.68 82415.68 277 367 1 288.0813 82990.84 82990.84 278 368 1 289.0813 83568.01 83568.01 279 369 2 290.0813 84147.17 168294.3 280 371 1 292.0813 85311.49 85311.49 281 372 1 293.0813 85896.66 85896.66 282 374 1 295.0813 87072.98 87072.98 283 376 2 297.0813 884949.63 89449.63 284 378 1 299.0813 89449.63 89449.63 285 383 1 304.0813 93074.61 93074.61 286 384 1 305.0813 93074.61 93074.61 287 385 1 306.0813 94298.93 94298.93	273	360	1	281.0813	79006.7	79006.7
276 366 1 287.0813 82415.68 82415.68 277 367 1 288.0813 82990.84 82990.84 278 368 1 289.0813 83568.01 83568.01 279 369 2 290.0813 84147.17 168294.3 280 371 1 292.0813 85311.49 85311.49 281 372 1 293.0813 85896.66 85896.66 282 374 1 295.0813 87072.98 87072.98 283 376 2 297.0813 88257.31 176514.6 284 378 1 299.0813 89449.63 89449.63 285 383 1 304.0813 92465.44 92465.44 286 384 1 305.0813 93074.61 93074.61 287 385 1 306.0813 93685.77 93685.77 288 386 1 307.0813 94914.1 189828.2	274	361	1	282.0813	79569.87	79569.87
277 367 1 288.0813 82990.84 82990.84 278 368 1 289.0813 83568.01 83568.01 279 369 2 290.0813 84147.17 168294.3 280 371 1 292.0813 85311.49 85311.49 281 372 1 293.0813 85896.66 85896.66 282 374 1 295.0813 87072.98 87072.98 283 376 2 297.0813 88257.31 176514.6 284 378 1 299.0813 89449.63 89449.63 285 383 1 304.0813 92465.44 92465.44 286 384 1 305.0813 93074.61 93074.61 287 385 1 306.0813 93685.77 93685.77 288 386 1 307.0813 94298.93 94298.93 289 387 2 308.0813 96150.42 941.41	275	363	2	284.0813	80702.19	161404.4
278 368 1 289.0813 83568.01 83568.01 279 369 2 290.0813 84147.17 168294.3 280 371 1 292.0813 85311.49 85311.49 281 372 1 293.0813 85896.66 85896.66 282 374 1 295.0813 87072.98 87072.98 283 376 2 297.0813 88257.31 176514.6 284 378 1 299.0813 89449.63 89449.63 285 383 1 304.0813 92465.44 92465.44 286 384 1 305.0813 93074.61 93074.61 287 385 1 306.0813 93685.77 93685.77 288 386 1 307.0813 94298.93 94298.93 289 387 2 308.0813 94914.1 189828.2 290 389 1 310.0813 96771.58 96771.58	276	366	1	287.0813	82415.68	82415.68
279 369 2 290.0813 84147.17 168294.3 280 371 1 292.0813 85311.49 85311.49 281 372 1 293.0813 85896.66 85896.66 282 374 1 295.0813 87072.98 87072.98 283 376 2 297.0813 88257.31 176514.6 284 378 1 299.0813 89449.63 89449.63 285 383 1 304.0813 92465.44 92465.44 286 384 1 305.0813 93074.61 93074.61 287 385 1 306.0813 93685.77 93685.77 288 386 1 307.0813 94298.93 94298.93 289 387 2 308.0813 94914.1 189828.2 290 389 1 310.0813 96150.42 96150.42 291 390 1 311.0813 96771.58 96771.58	277	367	1	288.0813	82990.84	82990.84
280 371 1 292.0813 85311.49 85311.49 281 372 1 293.0813 85896.66 85896.66 282 374 1 295.0813 87072.98 87072.98 283 376 2 297.0813 88257.31 176514.6 284 378 1 299.0813 89449.63 89449.63 285 383 1 304.0813 92465.44 92465.44 286 384 1 305.0813 93074.61 93074.61 287 385 1 306.0813 93685.77 93685.77 288 386 1 307.0813 94298.93 94298.93 289 387 2 308.0813 94914.1 189828.2 290 389 1 310.0813 96150.42 96150.42 291 390 1 311.0813 96771.58 96771.58 292 391 1 312.0813 19175.7 202351.4	278	368	1	289.0813	83568.01	83568.01
281 372 1 293.0813 85896.66 85896.66 282 374 1 295.0813 87072.98 87072.98 283 376 2 297.0813 88257.31 176514.6 284 378 1 299.0813 89449.63 89449.63 285 383 1 304.0813 92465.44 92465.44 286 384 1 305.0813 93074.61 93074.61 287 385 1 306.0813 93685.77 93685.77 288 386 1 307.0813 94298.93 94298.93 289 387 2 308.0813 94914.1 189828.2 290 389 1 310.0813 96150.42 96150.42 291 390 1 311.0813 96771.58 96771.58 292 391 1 312.0813 97394.75 97394.75 293 395 1 316.0813 99907.4 99907.4	279	369	2	290.0813	84147.17	168294.3
282 374 1 295.0813 87072.98 87072.98 283 376 2 297.0813 88257.31 176514.6 284 378 1 299.0813 89449.63 89449.63 285 383 1 304.0813 92465.44 92465.44 286 384 1 305.0813 93074.61 93074.61 287 385 1 306.0813 93685.77 93685.77 288 386 1 307.0813 94298.93 94298.93 289 387 2 308.0813 94914.1 189828.2 290 389 1 310.0813 96150.42 96150.42 291 390 1 311.0813 96771.58 96771.58 292 391 1 312.0813 97394.75 97394.75 293 395 1 316.0813 99907.4 99907.4 294 397 2 318.0813 101175.7 202351.4	280	371	1	292.0813	85311.49	85311.49
283 376 2 297.0813 88257.31 176514.6 284 378 1 299.0813 89449.63 89449.63 285 383 1 304.0813 92465.44 92465.44 286 384 1 305.0813 93074.61 93074.61 287 385 1 306.0813 94298.93 94298.93 288 386 1 307.0813 94298.93 94298.93 289 387 2 308.0813 94914.1 189828.2 290 389 1 310.0813 96150.42 96150.42 291 390 1 311.0813 96771.58 96771.58 292 391 1 312.0813 97394.75 97394.75 293 395 1 316.0813 99907.4 99907.4 294 397 2 318.0813 101175.7 202351.4 295 412 1 333.0813 110943.2 110943.2	281	372	1	293.0813	85896.66	85896.66
284 378 1 299.0813 89449.63 89449.63 285 383 1 304.0813 92465.44 92465.44 286 384 1 305.0813 93074.61 93074.61 287 385 1 306.0813 93685.77 93685.77 288 386 1 307.0813 94298.93 94298.93 289 387 2 308.0813 94914.1 189828.2 290 389 1 310.0813 96150.42 96150.42 291 390 1 311.0813 96771.58 96771.58 292 391 1 312.0813 97394.75 97394.75 293 395 1 316.0813 99907.4 99907.4 294 397 2 318.0813 101175.7 202351.4 295 412 1 333.0813 110943.2 110943.2 296 416 1 337.0813 134015.5 134015.5	282	374	1	295.0813	87072.98	87072.98
285 383 1 304.0813 92465.44 92465.44 286 384 1 305.0813 93074.61 93074.61 287 385 1 306.0813 93685.77 93685.77 288 386 1 307.0813 94298.93 94298.93 289 387 2 308.0813 94914.1 189828.2 290 389 1 310.0813 96150.42 96150.42 291 390 1 311.0813 96771.58 96771.58 292 391 1 312.0813 97394.75 97394.75 293 395 1 316.0813 99907.4 99907.4 294 397 2 318.0813 101175.7 202351.4 295 412 1 333.0813 110943.2 110943.2 296 416 1 337.0813 113623.8 113623.8 297 418 1 339.0813 114976.1 114976.1	283	376	2	297.0813	88257.31	176514.6
286 384 1 305.0813 93074.61 93074.61 287 385 1 306.0813 93685.77 93685.77 288 386 1 307.0813 94298.93 94298.93 289 387 2 308.0813 94914.1 189828.2 290 389 1 310.0813 96150.42 96150.42 291 390 1 311.0813 96771.58 96771.58 292 391 1 312.0813 97394.75 97394.75 293 395 1 316.0813 99907.4 99907.4 294 397 2 318.0813 10175.7 202351.4 295 412 1 333.0813 110943.2 110943.2 296 416 1 337.0813 113623.8 113623.8 297 418 1 339.0813 114976.1 114976.1 298 445 1 366.0813 134015.5 134015.5	284	378	1	299.0813	89449.63	89449.63
287 385 1 306.0813 93685.77 93685.77 288 386 1 307.0813 94298.93 94298.93 289 387 2 308.0813 94914.1 189828.2 290 389 1 310.0813 96150.42 96150.42 291 390 1 311.0813 96771.58 96771.58 292 391 1 312.0813 97394.75 97394.75 293 395 1 316.0813 99907.4 99907.4 294 397 2 318.0813 101175.7 202351.4 295 412 1 333.0813 110943.2 110943.2 296 416 1 337.0813 113623.8 113623.8 297 418 1 339.0813 114976.1 114976.1 298 445 1 366.0813 134015.5 134015.5 299 446 1 370.0813 137701.3 275402.7	285	383	1	304.0813	92465.44	92465.44
288 386 1 307.0813 94298.93 94298.93 289 387 2 308.0813 94914.1 189828.2 290 389 1 310.0813 96150.42 96150.42 291 390 1 311.0813 96771.58 96771.58 292 391 1 312.0813 97394.75 97394.75 293 395 1 316.0813 99907.4 99907.4 294 397 2 318.0813 101175.7 202351.4 295 412 1 333.0813 110943.2 110943.2 296 416 1 337.0813 113623.8 113623.8 297 418 1 339.0813 114976.1 114976.1 298 445 1 366.0813 134015.5 134015.5 299 446 1 367.0813 134748.7 134748.7 300 449 1 370.0813 137701.3 275402.7	286	384	1	305.0813	93074.61	93074.61
289 387 2 308.0813 94914.1 189828.2 290 389 1 310.0813 96150.42 96150.42 291 390 1 311.0813 96771.58 96771.58 292 391 1 312.0813 97394.75 97394.75 293 395 1 316.0813 99907.4 99907.4 294 397 2 318.0813 101175.7 202351.4 295 412 1 333.0813 110943.2 110943.2 296 416 1 337.0813 113623.8 113623.8 297 418 1 339.0813 114976.1 114976.1 298 445 1 366.0813 134015.5 134015.5 299 446 1 367.0813 134748.7 134748.7 300 449 1 370.0813 136960.2 136960.2 301 450 2 371.0813 137701.3 275402.7	287	385	1	306.0813	93685.77	93685.77
290 389 1 310.0813 96150.42 96150.42 291 390 1 311.0813 96771.58 96771.58 292 391 1 312.0813 97394.75 97394.75 293 395 1 316.0813 99907.4 99907.4 294 397 2 318.0813 101175.7 202351.4 295 412 1 333.0813 110943.2 110943.2 296 416 1 337.0813 113623.8 113623.8 297 418 1 339.0813 114976.1 114976.1 298 445 1 366.0813 134015.5 134015.5 299 446 1 367.0813 134748.7 134748.7 300 449 1 370.0813 136960.2 136960.2 301 450 2 371.0813 137701.3 275402.7 302 451 1 372.0813 139189.7 278379.3	288	386	1	307.0813	94298.93	94298.93
291 390 1 311.0813 96771.58 96771.58 292 391 1 312.0813 97394.75 97394.75 293 395 1 316.0813 99907.4 99907.4 294 397 2 318.0813 101175.7 202351.4 295 412 1 333.0813 110943.2 110943.2 296 416 1 337.0813 113623.8 113623.8 297 418 1 339.0813 114976.1 114976.1 298 445 1 366.0813 134015.5 134015.5 299 446 1 367.0813 134748.7 134748.7 300 449 1 370.0813 136960.2 136960.2 301 450 2 371.0813 137701.3 275402.7 302 451 1 372.0813 138444.5 138444.5 303 452 2 373.0813 145986.1 145986.1	289	387	2	308.0813	94914.1	189828.2
292 391 1 312.0813 97394.75 97394.75 293 395 1 316.0813 99907.4 99907.4 294 397 2 318.0813 101175.7 202351.4 295 412 1 333.0813 110943.2 110943.2 296 416 1 337.0813 113623.8 113623.8 297 418 1 339.0813 114976.1 114976.1 298 445 1 366.0813 134015.5 134015.5 299 446 1 367.0813 134748.7 134748.7 300 449 1 370.0813 136960.2 136960.2 301 450 2 371.0813 137701.3 275402.7 302 451 1 372.0813 138444.5 138444.5 303 452 2 373.0813 139189.7 278379.3 304 461 1 382.0813 145986.1 145986.1	290	389	1	310.0813	96150.42	96150.42
293 395 1 316.0813 99907.4 99907.4 294 397 2 318.0813 101175.7 202351.4 295 412 1 333.0813 110943.2 110943.2 296 416 1 337.0813 113623.8 113623.8 297 418 1 339.0813 114976.1 114976.1 298 445 1 366.0813 134015.5 134015.5 299 446 1 367.0813 134748.7 134748.7 300 449 1 370.0813 136960.2 136960.2 301 450 2 371.0813 137701.3 275402.7 302 451 1 372.0813 138444.5 138444.5 303 452 2 373.0813 139189.7 278379.3 304 461 1 382.0813 145986.1 145986.1 305 467 1 388.0813 150607.1 150607.1	291	390	1	311.0813	96771.58	96771.58
294 397 2 318.0813 101175.7 202351.4 295 412 1 333.0813 110943.2 110943.2 296 416 1 337.0813 113623.8 113623.8 297 418 1 339.0813 114976.1 114976.1 298 445 1 366.0813 134015.5 134015.5 299 446 1 367.0813 134748.7 134748.7 300 449 1 370.0813 136960.2 136960.2 301 450 2 371.0813 137701.3 275402.7 302 451 1 372.0813 138444.5 138444.5 303 452 2 373.0813 139189.7 278379.3 304 461 1 382.0813 145986.1 145986.1 305 467 1 388.0813 150607.1 150607.1 306 468 1 389.0813 153727.8 153727.8	292	391	1	312.0813	97394.75	97394.75
295 412 1 333.0813 110943.2 110943.2 296 416 1 337.0813 113623.8 113623.8 297 418 1 339.0813 114976.1 114976.1 298 445 1 366.0813 134015.5 134015.5 299 446 1 367.0813 134748.7 134748.7 300 449 1 370.0813 136960.2 136960.2 301 450 2 371.0813 137701.3 275402.7 302 451 1 372.0813 138444.5 138444.5 303 452 2 373.0813 139189.7 278379.3 304 461 1 382.0813 145986.1 145986.1 305 467 1 388.0813 150607.1 150607.1 306 468 1 389.0813 151384.3 153727.8 308 478 1 399.0813 159265.9 159265.9	293	395	1	316.0813	99907.4	99907.4
296 416 1 337.0813 113623.8 113623.8 297 418 1 339.0813 114976.1 114976.1 298 445 1 366.0813 134015.5 134015.5 299 446 1 367.0813 134748.7 134748.7 300 449 1 370.0813 136960.2 136960.2 301 450 2 371.0813 137701.3 275402.7 302 451 1 372.0813 138444.5 138444.5 303 452 2 373.0813 139189.7 278379.3 304 461 1 382.0813 145986.1 145986.1 305 467 1 388.0813 150607.1 150607.1 306 468 1 389.0813 151384.3 151384.3 307 471 1 392.0813 153727.8 153727.8 308 478 1 399.0813 159265.9 159265.9	294	397	2	318.0813	101175.7	202351.4
297 418 1 339.0813 114976.1 114976.1 298 445 1 366.0813 134015.5 134015.5 299 446 1 367.0813 134748.7 134748.7 300 449 1 370.0813 136960.2 136960.2 301 450 2 371.0813 137701.3 275402.7 302 451 1 372.0813 138444.5 138444.5 303 452 2 373.0813 139189.7 278379.3 304 461 1 382.0813 145986.1 145986.1 305 467 1 388.0813 150607.1 150607.1 306 468 1 389.0813 151384.3 151384.3 307 471 1 392.0813 153727.8 153727.8 308 478 1 399.0813 159265.9 159265.9 309 482 1 403.0813 164090.9 164090.9	295	412	1	333.0813	110943.2	110943.2
298 445 1 366.0813 134015.5 134015.5 299 446 1 367.0813 134748.7 134748.7 300 449 1 370.0813 136960.2 136960.2 301 450 2 371.0813 137701.3 275402.7 302 451 1 372.0813 138444.5 138444.5 303 452 2 373.0813 139189.7 278379.3 304 461 1 382.0813 145986.1 145986.1 305 467 1 388.0813 150607.1 150607.1 306 468 1 389.0813 151384.3 151384.3 307 471 1 392.0813 153727.8 153727.8 308 478 1 399.0813 159265.9 159265.9 309 482 1 403.0813 162474.5 162474.5 310 484 1 405.0813 164090.9 164090.9	296	416	1	337.0813	113623.8	113623.8
299 446 1 367.0813 134748.7 134748.7 300 449 1 370.0813 136960.2 136960.2 301 450 2 371.0813 137701.3 275402.7 302 451 1 372.0813 138444.5 138444.5 303 452 2 373.0813 139189.7 278379.3 304 461 1 382.0813 145986.1 145986.1 305 467 1 388.0813 150607.1 150607.1 306 468 1 389.0813 151384.3 151384.3 307 471 1 392.0813 153727.8 153727.8 308 478 1 399.0813 159265.9 159265.9 309 482 1 403.0813 162474.5 162474.5 310 484 1 405.0813 164090.9 164090.9 311 486 1 407.0813 166530.4 333060.7	297	418	1	339.0813	114976.1	114976.1
300 449 1 370.0813 136960.2 136960.2 301 450 2 371.0813 137701.3 275402.7 302 451 1 372.0813 138444.5 138444.5 303 452 2 373.0813 139189.7 278379.3 304 461 1 382.0813 145986.1 145986.1 305 467 1 388.0813 150607.1 150607.1 306 468 1 389.0813 151384.3 151384.3 307 471 1 392.0813 153727.8 153727.8 308 478 1 399.0813 159265.9 159265.9 309 482 1 403.0813 162474.5 162474.5 310 484 1 405.0813 164090.9 164090.9 311 486 1 407.0813 165715.2 165715.2 312 487 2 408.0813 166530.4 333060.7	298	445	1	366.0813	134015.5	134015.5
301 450 2 371.0813 137701.3 275402.7 302 451 1 372.0813 138444.5 138444.5 303 452 2 373.0813 139189.7 278379.3 304 461 1 382.0813 145986.1 145986.1 305 467 1 388.0813 150607.1 150607.1 306 468 1 389.0813 151384.3 151384.3 307 471 1 392.0813 153727.8 153727.8 308 478 1 399.0813 159265.9 159265.9 309 482 1 403.0813 162474.5 162474.5 310 484 1 405.0813 164090.9 164090.9 311 486 1 407.0813 166530.4 333060.7	299	446	1	367.0813	134748.7	134748.7
302 451 1 372.0813 138444.5 138444.5 303 452 2 373.0813 139189.7 278379.3 304 461 1 382.0813 145986.1 145986.1 305 467 1 388.0813 150607.1 150607.1 306 468 1 389.0813 151384.3 151384.3 307 471 1 392.0813 153727.8 153727.8 308 478 1 399.0813 159265.9 159265.9 309 482 1 403.0813 162474.5 162474.5 310 484 1 405.0813 164090.9 164090.9 311 486 1 407.0813 165715.2 165715.2 312 487 2 408.0813 166530.4 333060.7	300	449	1	370.0813	136960.2	136960.2
303 452 2 373.0813 139189.7 278379.3 304 461 1 382.0813 145986.1 145986.1 305 467 1 388.0813 150607.1 150607.1 306 468 1 389.0813 151384.3 151384.3 307 471 1 392.0813 153727.8 153727.8 308 478 1 399.0813 159265.9 159265.9 309 482 1 403.0813 162474.5 162474.5 310 484 1 405.0813 164090.9 164090.9 311 486 1 407.0813 165715.2 165715.2 312 487 2 408.0813 166530.4 333060.7	301	450	2	371.0813	137701.3	275402.7
304 461 1 382.0813 145986.1 145986.1 305 467 1 388.0813 150607.1 150607.1 306 468 1 389.0813 151384.3 151384.3 307 471 1 392.0813 153727.8 153727.8 308 478 1 399.0813 159265.9 159265.9 309 482 1 403.0813 162474.5 162474.5 310 484 1 405.0813 164090.9 164090.9 311 486 1 407.0813 165715.2 165715.2 312 487 2 408.0813 166530.4 333060.7	302	451	1	372.0813	138444.5	138444.5
305 467 1 388.0813 150607.1 150607.1 306 468 1 389.0813 151384.3 151384.3 307 471 1 392.0813 153727.8 153727.8 308 478 1 399.0813 159265.9 159265.9 309 482 1 403.0813 162474.5 162474.5 310 484 1 405.0813 164090.9 164090.9 311 486 1 407.0813 165715.2 165715.2 312 487 2 408.0813 166530.4 333060.7	303	452	2	373.0813	139189.7	278379.3
306 468 1 389.0813 151384.3 151384.3 307 471 1 392.0813 153727.8 153727.8 308 478 1 399.0813 159265.9 159265.9 309 482 1 403.0813 162474.5 162474.5 310 484 1 405.0813 164090.9 164090.9 311 486 1 407.0813 165715.2 165715.2 312 487 2 408.0813 166530.4 333060.7	304	461	1	382.0813	145986.1	145986.1
307 471 1 392.0813 153727.8 153727.8 308 478 1 399.0813 159265.9 159265.9 309 482 1 403.0813 162474.5 162474.5 310 484 1 405.0813 164090.9 164090.9 311 486 1 407.0813 165715.2 165715.2 312 487 2 408.0813 166530.4 333060.7	305	467	1	388.0813	150607.1	150607.1
308 478 1 399.0813 159265.9 159265.9 309 482 1 403.0813 162474.5 162474.5 310 484 1 405.0813 164090.9 164090.9 311 486 1 407.0813 165715.2 165715.2 312 487 2 408.0813 166530.4 333060.7	306	468	1	389.0813	151384.3	151384.3
309 482 1 403.0813 162474.5 162474.5 310 484 1 405.0813 164090.9 164090.9 311 486 1 407.0813 165715.2 165715.2 312 487 2 408.0813 166530.4 333060.7	307	471	1	392.0813	153727.8	153727.8
310 484 1 405.0813 164090.9 164090.9 311 486 1 407.0813 165715.2 165715.2 312 487 2 408.0813 166530.4 333060.7	308	478	1	399.0813	159265.9	159265.9
311 486 1 407.0813 165715.2 165715.2 312 487 2 408.0813 166530.4 333060.7	309	482	1	403.0813	162474.5	162474.5
312 487 2 408.0813 166530.4 333060.7	310	484	1	405.0813	164090.9	164090.9
	311	486	1	407.0813	165715.2	165715.2
313 488 1 409.0813 167347.5 167347.5	312	487	2	408.0813	166530.4	333060.7
	313	488	1	409.0813	167347.5	167347.5
314 495 1 416.0813 173123.7 173123.7	314	495	1	416.0813	173123.7	173123.7

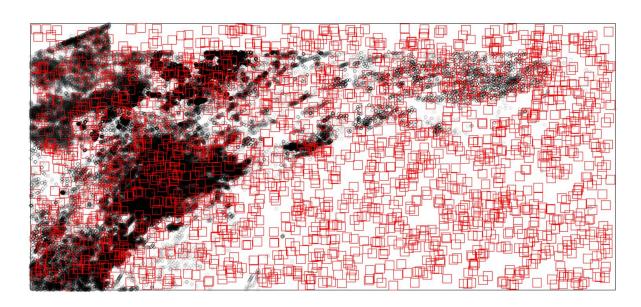
316 498 1 419.0813 175629.1 175629.1 317 500 1 421.0813 177309.5 177309.5 318 509 1 430.0813 184969.9 184969.9 319 510 1 431.0813 185831.1 185831.1 320 514 1 435.0813 189295.7 189295.7 321 516 1 437.0813 191040.1 191040.1 322 517 1 438.0813 191915.2 191915.2 323 521 2 442.0813 195435.9 390871.8 324 522 1 443.0813 196321.1 196321.1 325 523 1 444.0813 197208.2 197208.2 326 524 2 445.0813 198985.5 198988.5 328 532 1 445.0813 198985.5 198988.5 328 532 1 454.0813 206189.8 206189.8				ı	T	
317 500 1 421.0813 177309.5 177309.5 318 509 1 430.0813 184969.9 184969.9 319 510 1 431.0813 185831.1 185831.1 320 514 1 435.0813 189295.7 189295.7 321 516 1 437.0813 191040.1 191040.1 322 517 1 438.0813 191915.2 191915.2 323 521 2 442.0813 195435.9 390871.8 324 522 1 443.0813 196321.1 196321.1 325 523 1 444.0813 19708.2 197208.2 326 524 2 445.0813 198097.4 396194.8 327 525 1 446.0813 198988.5 198988.5 328 532 1 453.0813 205282.7 205282.7 329 533 1 454.0813 228165 218165 <	315	496	1	417.0813	173956.8	173956.8
318 509 1 430.0813 184969.9 184969.9 319 510 1 431.0813 185831.1 185831.1 320 514 1 435.0813 189295.7 189295.7 321 516 1 437.0813 191040.1 191040.1 322 517 1 438.0813 191915.2 191915.2 323 521 2 442.0813 195435.9 390871.8 324 522 1 443.0813 196321.1 196321.1 325 523 1 444.0813 197208.2 197208.2 326 524 2 445.0813 19898.5 198988.5 326 524 2 445.0813 198988.5 198988.5 328 532 1 453.0813 205282.7 205282.7 329 533 1 454.0813 206189.8 206189.8 330 546 1 467.0813 218165 218165 <	316	498	1	419.0813	175629.1	175629.1
319 510 1 431.0813 185831.1 185831.1 320 514 1 435.0813 189295.7 189295.7 321 516 1 437.0813 191040.1 191040.1 322 517 1 438.0813 191915.2 191915.2 323 521 2 442.0813 195435.9 390871.8 324 522 1 443.0813 196321.1 196321.1 325 523 1 444.0813 197208.2 197208.2 326 524 2 445.0813 198988.5 198988.5 327 525 1 446.0813 198988.5 198988.5 328 532 1 453.0813 205282.7 205282.7 329 533 1 454.0813 206189.8 206189.8 330 546 1 467.0813 218165 221917.6 221917.6 331 550 1 471.0813 221917.6	317	500	1	421.0813	177309.5	177309.5
320 514 1 435.0813 189295.7 189295.7 321 516 1 437.0813 191040.1 191040.1 322 517 1 438.0813 191915.2 191915.2 323 521 2 442.0813 195435.9 390871.8 324 522 1 443.0813 196321.1 196321.1 325 523 1 444.0813 197208.2 197208.2 326 524 2 445.0813 198097.4 396194.8 327 525 1 446.0813 198988.5 198988.5 328 532 1 453.0813 205282.7 205282.7 329 533 1 454.0813 206189.8 206189.8 330 546 1 467.0813 218165 218165 331 550 1 471.0813 221917.6 221917.6 332 552 1 473.0813 238434.9 231439.2	318	509	1	430.0813	184969.9	184969.9
321 516 1 437.0813 191040.1 191040.1 322 517 1 438.0813 191915.2 191915.2 323 521 2 442.0813 195435.9 390871.8 324 522 1 443.0813 196321.1 196321.1 325 523 1 444.0813 197208.2 197208.2 326 524 2 445.0813 198097.4 396194.8 327 525 1 446.0813 198988.5 198988.5 328 532 1 453.0813 205282.7 205282.7 329 533 1 454.0813 206189.8 206189.8 330 546 1 467.0813 218165 218165 331 550 1 471.0813 221917.6 221917.6 332 552 1 473.0813 223805.9 223805.9 333 560 1 481.0813 231439.2 231439.2	319	510	1	431.0813	185831.1	185831.1
322 517 1 438.0813 191915.2 191915.2 323 521 2 442.0813 195435.9 390871.8 324 522 1 443.0813 196321.1 196321.1 325 523 1 444.0813 197208.2 197208.2 326 524 2 445.0813 198097.4 396194.8 327 525 1 446.0813 198988.5 198988.5 328 532 1 453.0813 205282.7 205282.7 329 533 1 454.0813 206189.8 206189.8 330 546 1 467.0813 218165 218165 331 550 1 471.0813 221917.6 221917.6 332 552 1 473.0813 223805.9 223805.9 333 560 1 481.0813 231439.2 231439.2 334 561 1 482.0813 23434.7 468669.4 <	320	514	1	435.0813	189295.7	189295.7
323 521 2 442.0813 195435.9 390871.8 324 522 1 443.0813 196321.1 196321.1 325 523 1 444.0813 197208.2 197208.2 326 524 2 445.0813 198097.4 396194.8 327 525 1 446.0813 198988.5 198988.5 328 532 1 453.0813 205282.7 205282.7 329 533 1 454.0813 206189.8 206189.8 330 546 1 467.0813 218165 218165 331 550 1 471.0813 221917.6 221917.6 332 552 1 473.0813 233805.9 223805.9 333 560 1 481.0813 231439.2 231439.2 334 561 1 482.0813 23402.4 232402.4 335 563 2 484.0813 234334.7 468669.4 <	321	516	1	437.0813	191040.1	191040.1
324 522 1 443.0813 196321.1 196321.1 325 523 1 444.0813 197208.2 197208.2 326 524 2 445.0813 198097.4 396194.8 327 525 1 446.0813 198988.5 198988.5 328 532 1 453.0813 205282.7 205282.7 329 533 1 454.0813 206189.8 206189.8 330 546 1 467.0813 218165 218165 331 550 1 471.0813 221917.6 221917.6 332 552 1 473.0813 223805.9 223805.9 333 560 1 481.0813 231439.2 231439.2 334 561 1 482.0813 232402.4 232402.4 335 563 2 484.0813 234334.7 468669.4 336 564 1 485.0813 235303.9 235303.9	322	517	1	438.0813	191915.2	191915.2
325 523 1 444.0813 197208.2 197208.2 326 524 2 445.0813 198097.4 396194.8 327 525 1 446.0813 198988.5 198988.5 328 532 1 453.0813 205282.7 205282.7 329 533 1 454.0813 206189.8 206189.8 330 546 1 467.0813 218165 218165 331 550 1 471.0813 221917.6 221917.6 332 552 1 473.0813 23805.9 223805.9 333 560 1 481.0813 231439.2 231439.2 334 561 1 482.0813 232402.4 232402.4 335 563 2 484.0813 234334.7 468669.4 336 564 1 485.0813 235303.9 235303.9 337 566 1 487.0813 239200.5 239200.5 <	323	521	2	442.0813	195435.9	390871.8
326 524 2 445.0813 198097.4 396194.8 327 525 1 446.0813 198988.5 198988.5 328 532 1 453.0813 205282.7 205282.7 329 533 1 454.0813 206189.8 206189.8 330 546 1 467.0813 218165 218165 331 550 1 471.0813 221917.6 221917.6 332 552 1 473.0813 223805.9 223805.9 333 560 1 481.0813 231439.2 231439.2 334 561 1 482.0813 232402.4 232402.4 335 563 2 484.0813 234334.7 468669.4 336 564 1 485.0813 235303.9 235303.9 337 566 1 487.0813 237248.2 237248.2 338 568 1 489.0813 239200.5 239200.5	324	522	1	443.0813	196321.1	196321.1
327 525 1 446.0813 198988.5 198988.5 328 532 1 453.0813 205282.7 205282.7 329 533 1 454.0813 206189.8 206189.8 330 546 1 467.0813 218165 218165 331 550 1 471.0813 221917.6 221917.6 332 552 1 473.0813 223805.9 223805.9 333 560 1 481.0813 231439.2 231439.2 334 561 1 482.0813 232402.4 232402.4 335 563 2 484.0813 234334.7 468669.4 336 564 1 485.0813 235303.9 235303.9 337 566 1 487.0813 237248.2 237248.2 338 568 1 489.0813 239200.5 239200.5 339 569 1 490.0813 240179.7 240179.7	325	523	1	444.0813	197208.2	197208.2
328 532 1 453.0813 205282.7 205282.7 329 533 1 454.0813 206189.8 206189.8 330 546 1 467.0813 218165 218165 331 550 1 471.0813 221917.6 221917.6 332 552 1 473.0813 223805.9 223805.9 333 560 1 481.0813 231439.2 231439.2 334 561 1 482.0813 232402.4 232402.4 335 563 2 484.0813 234334.7 468669.4 336 564 1 485.0813 235303.9 235303.9 337 566 1 487.0813 237248.2 237248.2 338 568 1 489.0813 239200.5 239200.5 339 569 1 490.0813 240179.7 240179.7 340 578 1 499.0813 249082.2 249082.2	326	524	2	445.0813	198097.4	396194.8
329 533 1 454.0813 206189.8 206189.8 330 546 1 467.0813 218165 218165 331 550 1 471.0813 221917.6 221917.6 332 552 1 473.0813 223805.9 223805.9 333 560 1 481.0813 231439.2 231439.2 334 561 1 482.0813 232402.4 232402.4 335 563 2 484.0813 234334.7 468669.4 336 564 1 485.0813 235303.9 235303.9 337 566 1 487.0813 237248.2 237248.2 338 568 1 489.0813 239200.5 239200.5 339 569 1 490.0813 240179.7 240179.7 340 578 1 499.0813 249082.2 249082.2 341 579 1 500.0813 250981.3 250081.3	327	525	1	446.0813	198988.5	198988.5
330 546 1 467.0813 218165 218165 331 550 1 471.0813 221917.6 221917.6 332 552 1 473.0813 223805.9 223805.9 333 560 1 481.0813 231439.2 231439.2 334 561 1 482.0813 232402.4 232402.4 335 563 2 484.0813 234334.7 468669.4 336 564 1 485.0813 235303.9 235303.9 337 566 1 487.0813 237248.2 237248.2 338 568 1 489.0813 239200.5 239200.5 339 569 1 490.0813 240179.7 240179.7 340 578 1 499.0813 249082.2 249082.2 341 579 1 500.0813 250081.3 250081.3 342 598 1 519.0813 280945.4 269445.4	328	532	1	453.0813	205282.7	205282.7
331 550 1 471.0813 221917.6 221917.6 332 552 1 473.0813 223805.9 223805.9 333 560 1 481.0813 231439.2 231439.2 334 561 1 482.0813 232402.4 232402.4 335 563 2 484.0813 234334.7 468669.4 336 564 1 485.0813 235303.9 235303.9 337 566 1 487.0813 237248.2 237248.2 338 568 1 489.0813 239200.5 239200.5 339 569 1 490.0813 240179.7 240179.7 340 578 1 499.0813 250081.3 250081.3 341 579 1 500.0813 250081.3 250081.3 342 598 1 519.0813 269445.4 269445.4 343 609 1 530.0813 282047.4 564094.7	329	533	1	454.0813	206189.8	206189.8
332 552 1 473.0813 223805.9 223805.9 333 560 1 481.0813 231439.2 231439.2 334 561 1 482.0813 232402.4 232402.4 335 563 2 484.0813 234334.7 468669.4 336 564 1 485.0813 235303.9 235303.9 337 566 1 487.0813 237248.2 237248.2 338 568 1 489.0813 239200.5 239200.5 339 569 1 490.0813 240179.7 240179.7 340 578 1 499.0813 249082.2 249082.2 341 579 1 500.0813 250081.3 250081.3 342 598 1 519.0813 269445.4 269445.4 343 609 1 530.0813 282047.4 564094.7 345 626 2 547.0813 299298 598595.9	330	546	1	467.0813	218165	218165
333 560 1 481.0813 231439.2 231439.2 334 561 1 482.0813 232402.4 232402.4 335 563 2 484.0813 234334.7 468669.4 336 564 1 485.0813 235303.9 235303.9 337 566 1 487.0813 237248.2 237248.2 338 568 1 489.0813 239200.5 239200.5 339 569 1 490.0813 240179.7 240179.7 340 578 1 499.0813 249082.2 249082.2 341 579 1 500.0813 250081.3 250081.3 342 598 1 519.0813 269445.4 269445.4 343 609 1 530.0813 282047.4 564094.7 345 626 2 547.0813 299298 598595.9 346 633 1 554.0813 315935.4 315935.4	331	550	1	471.0813	221917.6	221917.6
334 561 1 482.0813 232402.4 232402.4 232402.4 335 563 2 484.0813 234334.7 468669.4 336 564 1 485.0813 235303.9 235303.9 337 566 1 487.0813 237248.2 237248.2 338 568 1 489.0813 239200.5 239200.5 339 569 1 490.0813 240179.7 240179.7 340 578 1 499.0813 249082.2 249082.2 341 579 1 500.0813 250081.3 250081.3 342 598 1 519.0813 269445.4 269445.4 343 609 1 530.0813 282047.4 564094.7 344 610 2 531.0813 282047.4 564094.7 345 626 2 547.0813 307006.1 307006.1 347 641 1 562.0813 315935.4	332	552	1	473.0813	223805.9	223805.9
335 563 2 484.0813 234334.7 468669.4 336 564 1 485.0813 235303.9 235303.9 337 566 1 487.0813 237248.2 237248.2 338 568 1 489.0813 239200.5 239200.5 339 569 1 490.0813 240179.7 240179.7 340 578 1 499.0813 249082.2 249082.2 341 579 1 500.0813 250081.3 250081.3 342 598 1 519.0813 269445.4 269445.4 343 609 1 530.0813 280986.2 280986.2 344 610 2 531.0813 282047.4 564094.7 345 626 2 547.0813 299298 598595.9 346 633 1 554.0813 315935.4 315935.4 348 651 1 582.0813 327277 327277 </td <td>333</td> <td>560</td> <td>1</td> <td>481.0813</td> <td>231439.2</td> <td>231439.2</td>	333	560	1	481.0813	231439.2	231439.2
336 564 1 485.0813 235303.9 235303.9 337 566 1 487.0813 237248.2 237248.2 338 568 1 489.0813 239200.5 239200.5 339 569 1 490.0813 240179.7 240179.7 340 578 1 499.0813 249082.2 249082.2 341 579 1 500.0813 250081.3 250081.3 342 598 1 519.0813 269445.4 269445.4 343 609 1 530.0813 280986.2 280986.2 344 610 2 531.0813 282047.4 564094.7 345 626 2 547.0813 307006.1 307006.1 347 641 1 562.0813 315935.4 315935.4 348 651 1 572.0813 327277 327277 349 661 1 582.0813 343491.3 343491.3	334	561	1	482.0813	232402.4	232402.4
337 566 1 487.0813 237248.2 237248.2 338 568 1 489.0813 239200.5 239200.5 339 569 1 490.0813 240179.7 240179.7 340 578 1 499.0813 249082.2 249082.2 341 579 1 500.0813 250081.3 250081.3 342 598 1 519.0813 269445.4 269445.4 343 609 1 530.0813 280986.2 280986.2 344 610 2 531.0813 282047.4 564094.7 345 626 2 547.0813 299298 598595.9 346 633 1 554.0813 307006.1 307006.1 347 641 1 562.0813 315935.4 315935.4 348 651 1 572.0813 327277 327277 349 661 1 582.0813 348196.3 345839.6 </td <td>335</td> <td>563</td> <td>2</td> <td>484.0813</td> <td>234334.7</td> <td>468669.4</td>	335	563	2	484.0813	234334.7	468669.4
338 568 1 489.0813 239200.5 239200.5 339 569 1 490.0813 240179.7 240179.7 340 578 1 499.0813 249082.2 249082.2 341 579 1 500.0813 250081.3 250081.3 342 598 1 519.0813 269445.4 269445.4 343 609 1 530.0813 280986.2 280986.2 344 610 2 531.0813 282047.4 564094.7 345 626 2 547.0813 299298 598595.9 346 633 1 554.0813 307006.1 307006.1 347 641 1 562.0813 315935.4 315935.4 348 651 1 572.0813 327277 327277 349 661 1 582.0813 343491.3 343491.3 351 667 1 588.0813 345839.6 345839.6 </td <td>336</td> <td>564</td> <td>1</td> <td>485.0813</td> <td>235303.9</td> <td>235303.9</td>	336	564	1	485.0813	235303.9	235303.9
339 569 1 490.0813 240179.7 240179.7 340 578 1 499.0813 249082.2 249082.2 341 579 1 500.0813 250081.3 250081.3 342 598 1 519.0813 269445.4 269445.4 343 609 1 530.0813 280986.2 280986.2 344 610 2 531.0813 282047.4 564094.7 345 626 2 547.0813 299298 598595.9 346 633 1 554.0813 307006.1 307006.1 347 641 1 562.0813 315935.4 315935.4 348 651 1 572.0813 327277 327277 349 661 1 582.0813 338818.7 338818.7 350 665 1 586.0813 343491.3 343491.3 351 667 1 588.0813 345839.6 345839.6 </td <td>337</td> <td>566</td> <td>1</td> <td>487.0813</td> <td>237248.2</td> <td>237248.2</td>	337	566	1	487.0813	237248.2	237248.2
340 578 1 499.0813 249082.2 249082.2 341 579 1 500.0813 250081.3 250081.3 342 598 1 519.0813 269445.4 269445.4 343 609 1 530.0813 280986.2 280986.2 344 610 2 531.0813 282047.4 564094.7 345 626 2 547.0813 299298 598595.9 346 633 1 554.0813 307006.1 307006.1 347 641 1 562.0813 315935.4 315935.4 348 651 1 572.0813 327277 327277 349 661 1 582.0813 338818.7 338818.7 350 665 1 586.0813 343491.3 343491.3 351 667 1 588.0813 345839.6 345839.6 352 669 1 590.0813 348196 348196	338	568	1	489.0813	239200.5	239200.5
341 579 1 500.0813 250081.3 250081.3 342 598 1 519.0813 269445.4 269445.4 343 609 1 530.0813 280986.2 280986.2 344 610 2 531.0813 282047.4 564094.7 345 626 2 547.0813 299298 598595.9 346 633 1 554.0813 307006.1 307006.1 347 641 1 562.0813 315935.4 315935.4 348 651 1 572.0813 327277 327277 349 661 1 582.0813 338818.7 338818.7 350 665 1 586.0813 343491.3 343491.3 351 667 1 588.0813 345839.6 345839.6 352 669 1 590.0813 348196 348196 353 684 1 605.0813 373420.4 746840.7	339	569	1	490.0813	240179.7	240179.7
342 598 1 519.0813 269445.4 269445.4 343 609 1 530.0813 280986.2 280986.2 344 610 2 531.0813 282047.4 564094.7 345 626 2 547.0813 299298 598595.9 346 633 1 554.0813 307006.1 307006.1 347 641 1 562.0813 315935.4 315935.4 348 651 1 572.0813 327277 327277 349 661 1 582.0813 338818.7 338818.7 350 665 1 586.0813 343491.3 343491.3 351 667 1 588.0813 345839.6 345839.6 352 669 1 590.0813 348196 348196 353 684 1 605.0813 366123.4 366123.4 354 690 2 611.0813 373420.4 746840.7	340	578	1	499.0813	249082.2	249082.2
343 609 1 530.0813 280986.2 280986.2 344 610 2 531.0813 282047.4 564094.7 345 626 2 547.0813 299298 598595.9 346 633 1 554.0813 307006.1 307006.1 347 641 1 562.0813 315935.4 315935.4 348 651 1 572.0813 327277 327277 349 661 1 582.0813 338818.7 338818.7 350 665 1 586.0813 343491.3 343491.3 351 667 1 588.0813 345839.6 345839.6 352 669 1 590.0813 348196 348196 353 684 1 605.0813 366123.4 366123.4 354 690 2 611.0813 373420.4 746840.7 355 694 1 615.0813 383261.7 383261.7	341	579	1	500.0813	250081.3	250081.3
344 610 2 531.0813 282047.4 564094.7 345 626 2 547.0813 299298 598595.9 346 633 1 554.0813 307006.1 307006.1 347 641 1 562.0813 315935.4 315935.4 348 651 1 572.0813 327277 327277 349 661 1 582.0813 338818.7 338818.7 350 665 1 586.0813 343491.3 343491.3 351 667 1 588.0813 345839.6 345839.6 352 669 1 590.0813 348196 348196 353 684 1 605.0813 366123.4 366123.4 354 690 2 611.0813 373420.4 746840.7 355 694 1 615.0813 378325 378325 356 698 1 619.0813 383261.7 383261.7 <td>342</td> <td>598</td> <td>1</td> <td>519.0813</td> <td>269445.4</td> <td>269445.4</td>	342	598	1	519.0813	269445.4	269445.4
345 626 2 547.0813 299298 598595.9 346 633 1 554.0813 307006.1 307006.1 347 641 1 562.0813 315935.4 315935.4 348 651 1 572.0813 327277 327277 349 661 1 582.0813 338818.7 338818.7 350 665 1 586.0813 343491.3 343491.3 351 667 1 588.0813 345839.6 345839.6 352 669 1 590.0813 348196 348196 353 684 1 605.0813 366123.4 366123.4 354 690 2 611.0813 373420.4 746840.7 355 694 1 615.0813 383261.7 383261.7 356 698 1 619.0813 383261.7 383261.7	343	609	1	530.0813	280986.2	280986.2
346 633 1 554.0813 307006.1 307006.1 347 641 1 562.0813 315935.4 315935.4 348 651 1 572.0813 327277 327277 349 661 1 582.0813 338818.7 338818.7 350 665 1 586.0813 343491.3 343491.3 351 667 1 588.0813 345839.6 345839.6 352 669 1 590.0813 348196 348196 353 684 1 605.0813 366123.4 366123.4 354 690 2 611.0813 373420.4 746840.7 355 694 1 615.0813 378325 378325 356 698 1 619.0813 383261.7 383261.7	344	610	2	531.0813	282047.4	564094.7
347 641 1 562.0813 315935.4 315935.4 348 651 1 572.0813 327277 327277 349 661 1 582.0813 338818.7 338818.7 350 665 1 586.0813 343491.3 343491.3 351 667 1 588.0813 345839.6 345839.6 352 669 1 590.0813 348196 348196 353 684 1 605.0813 366123.4 366123.4 354 690 2 611.0813 373420.4 746840.7 355 694 1 615.0813 378325 378325 356 698 1 619.0813 383261.7 383261.7	345	626	2	547.0813	299298	598595.9
348 651 1 572.0813 327277 327277 349 661 1 582.0813 338818.7 338818.7 350 665 1 586.0813 343491.3 343491.3 351 667 1 588.0813 345839.6 345839.6 352 669 1 590.0813 348196 348196 353 684 1 605.0813 366123.4 366123.4 354 690 2 611.0813 373420.4 746840.7 355 694 1 615.0813 378325 378325 356 698 1 619.0813 383261.7 383261.7	346	633	1	554.0813	307006.1	307006.1
349 661 1 582.0813 338818.7 338818.7 350 665 1 586.0813 343491.3 343491.3 351 667 1 588.0813 345839.6 345839.6 352 669 1 590.0813 348196 348196 353 684 1 605.0813 366123.4 366123.4 354 690 2 611.0813 373420.4 746840.7 355 694 1 615.0813 378325 378325 356 698 1 619.0813 383261.7 383261.7	347	641	1	562.0813	315935.4	315935.4
350 665 1 586.0813 343491.3 343491.3 351 667 1 588.0813 345839.6 345839.6 352 669 1 590.0813 348196 348196 353 684 1 605.0813 366123.4 366123.4 354 690 2 611.0813 373420.4 746840.7 355 694 1 615.0813 378325 378325 356 698 1 619.0813 383261.7 383261.7	348	651	1	572.0813	327277	327277
351 667 1 588.0813 345839.6 345839.6 352 669 1 590.0813 348196 348196 353 684 1 605.0813 366123.4 366123.4 354 690 2 611.0813 373420.4 746840.7 355 694 1 615.0813 378325 378325 356 698 1 619.0813 383261.7 383261.7	349	661	1	582.0813	338818.7	338818.7
352 669 1 590.0813 348196 348196 353 684 1 605.0813 366123.4 366123.4 354 690 2 611.0813 373420.4 746840.7 355 694 1 615.0813 378325 378325 356 698 1 619.0813 383261.7 383261.7	350	665	1	586.0813	343491.3	343491.3
353 684 1 605.0813 366123.4 366123.4 354 690 2 611.0813 373420.4 746840.7 355 694 1 615.0813 378325 378325 356 698 1 619.0813 383261.7 383261.7	351	667	1	588.0813	345839.6	345839.6
354 690 2 611.0813 373420.4 746840.7 355 694 1 615.0813 378325 378325 356 698 1 619.0813 383261.7 383261.7	352	669	1	590.0813	348196	348196
355 694 1 615.0813 378325 378325 356 698 1 619.0813 383261.7 383261.7	353	684	1	605.0813	366123.4	366123.4
356 698 1 619.0813 383261.7 383261.7	354	690	2	611.0813	373420.4	746840.7
	355	694	1	615.0813	378325	378325
357 706 1 627.0813 393231 393231	356	698	1	619.0813	383261.7	383261.7
	357	706	1	627.0813	393231	393231

358	712	1	633.0813	400791.9	400791.9
359	733	1	654.0813	427822.4	427822.4
360	742	1	663.0813	439676.8	439676.8
361	762	1	683.0813	466600.1	466600.1
362	786	1	707.0813	499964	499964
363	811	1	732.0813	535943	535943
364	816	1	737.0813	543288.9	543288.9
365	833	1	754.0813	568638.6	568638.6
366	869	1	790.0813	624228.5	624228.5
367	877	1	798.0813	636933.8	636933.8
368	898	1	819.0813	670894.2	670894.2
369	960	1	881.0813	776304.3	776304.3
370	985	1	906.0813	820983.3	820983.3
371	1008	1	929.0813	863192.1	863192.1
372	1010	1	931.0813	866912.4	866912.4
373	1015	1	936.0813	876248.2	876248.2
374	1042	1	963.0813	927525.6	927525.6
375	1095	1	1016.081	1032421	1032421
376	1106	1	1027.081	1054896	1054896
377	1235	1	1156.081	1336524	1336524
378	1242	1	1163.081	1352758	1352758
379	1553	1	1474.081	2172916	2172916
380	1651	1	1572.081	2471440	2471440
381	1666	1	1587.081	2518827	2518827
382	1790	1	1711.081	2927799	2927799
383	1841	1	1762.081	3104931	3104931
384	2110	1	2031.081	4125291	4125291
Totals		1980			64421548

II. Random quadrant sample approach

a. Map

Random Quadrant Sample Approach



b. Table

	K	Х	Κ — μ	$(K - \mu)^2$	$X(K - \mu)^2$
1	0	919	-78.9187	6228.159	5723678
2	74	5	-4.91869	24.19348	120.9674
3	689	2	610.0813	372199.2	744398.4
4	154	2	75.08131	5637.204	11274.41
5	32	4	-46.9187	2201.363	8805.453
6	491	1	412.0813	169811	169811
7	1	58	-77.9187	6071.322	352136.7
8	269	1	190.0813	36130.91	36130.91
9	99	4	20.08131	403.2591	1613.037
10	31	4	-47.9187	2296.201	9184.802
11	552	1	473.0813	223805.9	223805.9
12	86	4	7.081313	50.145	200.58
13	49	4	-29.9187	895.1278	3580.511
14	103	4	24.08131	579.9096	2319.639
15	71	7	-7.91869	62.7056	438.9392
16	78	3	-0.91869	0.843986	2.531957
17	14	8	-64.9187	4214.436	33715.49
18	92	2	13.08131	171.1208	342.2415

19	151	3	72.08131	5195.716	15587.15
20	230	2	151.0813	22825.56	45651.13
21	137	2	58.08131	3373.439	6746.878
22	39	9	-39.9187	1593.502	14341.51
23	181	2	102.0813	10420.59	20841.19
24	482	2	403.0813	162474.5	324949.1
25	152	1	73.08131	5340.878	5340.878
26	111	3	32.08131	1029.211	3087.632
27	60	4	-18.9187	357.9167	1431.667
28	5	19	-73.9187	5463.972	103815.5
29	48	2	-30.9187	955.9652	1911.93
30	45	6	-33.9187	1150.477	6902.864
31	497	1	418.0813	174792	174792
32	16	11	-62.9187	3958.761	43546.37
33	95	2	16.08131	258.6086	517.2173
34	911	1	832.0813	692359.3	692359.3
35	42	5	-36.9187	1362.989	6814.947
36	94	4	15.08131	227.446	909.784
37	696	1	617.0813	380789.3	380789.3
38	64	7	-14.9187	222.5672	1557.971
39	9	16	-69.9187	4888.623	78217.96
40	10	8	-68.9187	4749.785	37998.28
41	53	5	-25.9187	671.7783	3358.892
42	81	5	2.081313	4.331864	21.65932
43	455	2	376.0813	141437.2	282874.3
44	244	3	165.0813	27251.84	81755.52
45	346	2	267.0813	71332.43	142664.9
46	217	5	138.0813	19066.45	95332.25
47	30	5	-48.9187	2393.038	11965.19
48	12	12	-66.9187	4478.111	53737.33
49	171	1	92.08131	8478.968	8478.968
50	224	3	145.0813	21048.59	63145.76
51	75	3	-3.91869	15.35611	46.06832
52	59	6	-19.9187	396.7541	2380.525
53	8	8	-70.9187	5029.46	40235.68
54	107	3	28.08131	788.5601	2365.68
55	29	11	-49.9187	2491.875	27410.63
56	647	1	568.0813	322716.4	322716.4
57	361	1	282.0813	79569.87	79569.87
58	66	5	-12.9187	166.8925	834.4624
59	352	1	273.0813	74573.4	74573.4
60	25	4	-53.9187	2907.225	11628.9
61	444	1	365.0813	133284.4	133284.4

	I		1	1	
62	36	4	-42.9187	1842.014	7368.055
63	162	2	83.08131	6902.505	13805.01
64	314	1	235.0813	55263.22	55263.22
65	56	6	-22.9187	525.2662	3151.597
66	54	2	-24.9187	620.941	1241.882
67	422	1	343.0813	117704.8	117704.8
68	163	1	84.08131	7069.667	7069.667
69	500	1	421.0813	177309.5	177309.5
70	1151	1	1072.081	1149358	1149358
71	574	2	495.0813	245105.5	490211
72	112	4	33.08131	1094.373	4377.493
73	519	1	440.0813	193671.6	193671.6
74	6	12	-72.9187	5317.135	63805.62
75	401	1	322.0813	103736.4	103736.4
76	89	3	10.08131	101.6329	304.8986
77	447	1	368.0813	135483.9	135483.9
78	170	2	91.08131	8295.806	16591.61
79	329	1	250.0813	62540.66	62540.66
80	69	7	-9.91869	98.38035	688.6624
81	1073	1	994.0813	988197.7	988197.7
82	15	9	-63.9187	4085.599	36770.39
83	3	22	-75.9187	5763.647	126800.2
84	592	1	513.0813	263252.4	263252.4
85	20	4	-58.9187	3471.412	13885.65
86	80	4	1.081313	1.169238	4.676952
87	238	3	159.0813	25306.86	75920.59
88	481	1	402.0813	161669.4	161669.4
89	4	16	-74.9187	5612.81	89804.95
90	13	9	-65.9187	4345.273	39107.46
91	50	5	-28.9187	836.2905	4181.452
92	322	1	243.0813	59088.52	59088.52
93	172	3	93.08131	8664.131	25992.39
94	225	1	146.0813	21339.75	21339.75
95	155	4	76.08131	5788.366	23153.46
96	67	3	-11.9187	142.0551	426.1653
97	38	5	-40.9187	1674.339	8371.695
98	93	3	14.08131	198.2834	594.8501
99	34	2	-44.9187	2017.688	4035.377
100	290	1	211.0813	44555.32	44555.32
101	797	1	718.0813	515640.8	515640.8
102	310	1	231.0813	53398.57	53398.57
103	409	1	330.0813	108953.7	108953.7
104	37	4	-41.9187	1757.176	7028.705

_	1			1	
105	2	41	-76.9187	5916.484	242575.9
106	228	2	149.0813	22225.24	44450.48
107	63	4	-15.9187	253.4046	1013.618
108	538	1	459.0813	210755.7	210755.7
109	261	4	182.0813	33153.6	132614.4
110	150	4	71.08131	5052.553	20210.21
111	109	2	30.08131	904.8854	1809.771
112	24	4	-54.9187	3016.062	12064.25
113	17	5	-61.9187	3833.924	19169.62
114	341	1	262.0813	68686.61	68686.61
115	197	3	118.0813	13943.2	41829.59
116	301	2	222.0813	49320.11	98640.22
117	134	3	55.08131	3033.951	9101.853
118	354	1	275.0813	75669.73	75669.73
119	11	8	-67.9187	4612.948	36903.58
120	102	3	23.08131	532.747	1598.241
121	26	6	-52.9187	2800.387	16802.32
122	510	1	431.0813	185831.1	185831.1
123	242	2	163.0813	26595.51	53191.03
124	159	3	80.08131	6413.017	19239.05
125	27	8	-51.9187	2695.55	21564.4
126	180	1	101.0813	10217.43	10217.43
127	120	2	41.08131	1687.674	3375.349
128	276	2	197.0813	38841.04	77682.09
129	227	2	148.0813	21928.08	43856.15
130	548	1	469.0813	220037.3	220037.3
131	406	1	327.0813	106982.2	106982.2
132	44	5	-34.9187	1219.315	6096.573
133	448	2	369.0813	136221	272442
134	73	4	-5.91869	35.03085	140.1234
135	72	2	-6.91869	47.86823	95.73646
136	921	1	842.0813	709100.9	709100.9
137	194	2	115.0813	13243.71	26487.42
138	19	6	-59.9187	3590.249	21541.49
139	58	3	-20.9187	437.5915	1312.774
140	168	2	89.08131	7935.48	15870.96
141	125	1	46.08131	2123.487	2123.487
142	293	3	214.0813	45830.81	137492.4
143	116	3	37.08131	1375.024	4125.071
144	946	1	867.0813	751830	751830
145	76	6	-2.91869	8.518733	51.1124
146	131	1	52.08131	2712.463	2712.463
147	226	4	147.0813	21632.91	86531.65

	ı	1	1	1	
148	435	1	356.0813	126793.9	126793.9
149	442	1	363.0813	131828	131828
150	83	2	4.081313	16.65712	33.31423
151	342	1	263.0813	69211.78	69211.78
152	274	2	195.0813	38056.72	76113.44
153	123	1	44.08131	1943.162	1943.162
154	7	14	-71.9187	5172.298	72412.17
155	23	10	-55.9187	3126.9	31269
156	40	4	-38.9187	1514.664	6058.657
157	608	1	529.0813	279927	279927
158	438	1	359.0813	128939.4	128939.4
159	663	1	584.0813	341151	341151
160	62	4	-16.9187	286.242	1144.968
161	308	1	229.0813	52478.25	52478.25
162	332	1	253.0813	64050.15	64050.15
163	333	2	254.0813	64557.31	129114.6
164	930	1	851.0813	724339.4	724339.4
165	115	2	36.08131	1301.861	2603.722
166	41	7	-37.9187	1437.827	10064.79
167	204	1	125.0813	15645.33	15645.33
168	136	1	57.08131	3258.276	3258.276
169	298	3	219.0813	47996.62	143989.9
170	215	1	136.0813	18518.12	18518.12
171	279	2	200.0813	40032.53	80065.06
172	33	9	-45.9187	2108.526	18976.73
173	35	2	-43.9187	1928.851	3857.702
174	268	1	189.0813	35751.74	35751.74
175	113	5	34.08131	1161.536	5807.68
176	612	2	533.0813	284175.7	568351.4
177	404	1	325.0813	105677.9	105677.9
178	255	2	176.0813	31004.63	62009.26
179	258	1	179.0813	32070.12	32070.12
180	439	2	360.0813	129658.6	259317.1
181	87	2	8.081313	65.30762	130.6152
182	698	1	619.0813	383261.7	383261.7
183	218	2	139.0813	19343.61	38687.22
184	55	4	-23.9187	572.1036	2288.414
185	121	1	42.08131	1770.837	1770.837
186	488	1	409.0813	167347.5	167347.5
187	140	3	61.08131	3730.927	11192.78
188	190	2	111.0813	12339.06	24678.12
189	1504	1	1425.081	2030857	2030857
190	207	2	128.0813	16404.82	32809.65

_	•		1	•	7
191	193	3	114.0813	13014.55	39043.64
192	47	4	-31.9187	1018.803	4075.21
193	398	1	319.0813	101812.9	101812.9
194	568	2	489.0813	239200.5	478401.1
195	98	1	19.08131	364.0965	364.0965
196	77	3	-1.91869	3.681359	11.04408
197	61	6	-17.9187	321.0793	1926.476
198	22	4	-56.9187	3239.737	12958.95
199	350	2	271.0813	73485.08	146970.2
200	1107	1	1028.081	1056951	1056951
201	211	2	132.0813	17445.47	34890.95
202	272	3	193.0813	37280.39	111841.2
203	85	1	6.081313	36.98237	36.98237
204	132	2	53.08131	2817.626	5635.252
205	118	6	39.08131	1527.349	9164.094
206	203	1	124.0813	15396.17	15396.17
207	68	4	-10.9187	119.2177	476.8709
208	306	2	227.0813	51565.92	103131.8
209	303	1	224.0813	50212.43	50212.43
210	515	1	436.0813	190166.9	190166.9
211	356	2	277.0813	76774.05	153548.1
212	487	1	408.0813	166530.4	166530.4
213	384	2	305.0813	93074.61	186149.2
214	687	1	608.0813	369762.9	369762.9
215	104	2	25.08131	629.0723	1258.145
216	57	3	-21.9187	480.4288	1441.287
217	251	1	172.0813	29611.98	29611.98
218	189	3	110.0813	12117.9	36353.69
219	144	3	65.08131	4235.577	12706.73
220	51	6	-27.9187	779.4531	4676.718
221	330	1	251.0813	63041.83	63041.83
222	499	2	420.0813	176468.3	352936.6
223	105	3	26.08131	680.2349	2040.705
224	96	1	17.08131	291.7713	291.7713
225	259	4	180.0813	32429.28	129717.1
226	250	1	171.0813	29268.82	29268.82
227	199	1	120.0813	14419.52	14419.52
228	1844	1	1765.081	3115512	3115512
229	65	2	-13.9187	193.7298	387.4597
230	232	2	153.0813	23433.89	46867.78
231	791	1	712.0813	507059.8	507059.8
232	129	2	50.08131	2508.138	5016.276
233	267	3	188.0813	35374.58	106123.7

234	165	2	86.08131	7409.992	14819.98
235	239	1	160.0813	25626.03	25626.03
236	166	1	87.08131	7583.155	7583.155
237	278	2	199.0813	39633.37	79266.74
238	79	7	0.081313	0.006612	0.046283
239	596	1	517.0813	267373.1	267373.1
240	347	1	268.0813	71867.59	71867.59
241	292	1	213.0813	45403.65	45403.65
242	101	3	22.08131	487.5844	1462.753
243	468	1	389.0813	151384.3	151384.3
244	174	1	95.08131	9040.456	9040.456
245	626	1	547.0813	299298	299298
246	359	1	280.0813	78445.54	78445.54
247	43	5	-35.9187	1290.152	6450.76
248	177	2	98.08131	9619.944	19239.89
249	128	5	49.08131	2408.975	12044.88
250	185	3	106.0813	11253.24	33759.73
251	148	1	69.08131	4772.228	4772.228
252	443	1	364.0813	132555.2	132555.2
253	21	4	-57.9187	3354.574	13418.3
254	183	1	104.0813	10832.92	10832.92
255	257	1	178.0813	31712.95	31712.95
256	130	1	51.08131	2609.301	2609.301
257	222	2	143.0813	20472.26	40944.52
258	82	1	3.081313	9.494491	9.494491
259	145	2	66.08131	4366.74	8733.48
260	471	1	392.0813	153727.8	153727.8
261	553	2	474.0813	224753.1	449506.2
262	127	2	48.08131	2311.813	4623.625
263	271	1	192.0813	36895.23	36895.23
264	153	2	74.08131	5488.041	10976.08
265	100	2	21.08131	444.4218	888.8435
266	106	1	27.08131	733.3975	733.3975
267	494	1	415.0813	172292.5	172292.5
268	1255	1	1176.081	1383167	1383167
269	560	1	481.0813	231439.2	231439.2
270	157	1	78.08131	6096.691	6096.691
271	323	1	244.0813	59575.69	59575.69
272	169	4	90.08131	8114.643	32458.57
273	46	1	-32.9187	1083.64	1083.64
274	210	2	131.0813	17182.31	34364.62
275	521	1	442.0813	195435.9	195435.9
276	243	2	164.0813	26922.68	53845.35

	1		T	,	T
277	681	1	602.0813	362501.9	362501.9
278	90	3	11.08131	122.7955	368.3865
279	492	1	413.0813	170636.2	170636.2
280	377	1	298.0813	88852.47	88852.47
281	514	1	435.0813	189295.7	189295.7
282	652	1	573.0813	328422.2	328422.2
283	167	2	88.08131	7758.318	15516.64
284	400	1	321.0813	103093.2	103093.2
285	277	1	198.0813	39236.21	39236.21
286	117	2	38.08131	1450.186	2900.373
287	206	4	127.0813	16149.66	64598.64
288	351	1	272.0813	74028.24	74028.24
289	559	2	480.0813	230478.1	460956.1
290	70	2	-8.91869	79.54298	159.086
291	1085	1	1006.081	1012200	1012200
292	270	1	191.0813	36512.07	36512.07
293	382	1	303.0813	91858.28	91858.28
294	637	1	558.0813	311454.8	311454.8
295	372	1	293.0813	85896.66	85896.66
296	601	1	522.0813	272568.9	272568.9
297	558	1	479.0813	229518.9	229518.9
298	1488	1	1409.081	1985510	1985510
299	363	2	284.0813	80702.19	161404.4
300	88	3	9.081313	82.47025	247.4107
301	408	1	329.0813	108294.5	108294.5
302	534	1	455.0813	207099	207099
303	149	1	70.08131	4911.39	4911.39
304	433	1	354.0813	125373.6	125373.6
305	801	1	722.0813	521401.4	521401.4
306	28	3	-50.9187	2592.713	7778.138
307	690	1	611.0813	373420.4	373420.4
308	178	1	99.08131	9817.107	9817.107
309	358	1	279.0813	77886.38	77886.38
310	198	1	119.0813	14180.36	14180.36
311	97	3	18.08131	326.9339	980.8017
312	184	2	105.0813	11042.08	22084.16
313	364	1	285.0813	81271.36	81271.36
314	2030	1	1951.081	3806718	3806718
315	135	1	56.08131	3145.114	3145.114
316	436	1	357.0813	127507.1	127507.1
317	264	1	185.0813	34255.09	34255.09
318	1089	1	1010.081	1020264	1020264
319	546	1	467.0813	218165	218165

	,	1	,	•	7
320	302	1	223.0813	49765.27	49765.27
321	1142	1	1063.081	1130142	1130142
322	550	1	471.0813	221917.6	221917.6
323	411	2	332.0813	110278	220556
324	164	1	85.08131	7238.83	7238.83
325	334	1	255.0813	65066.48	65066.48
326	691	1	612.0813	374643.5	374643.5
327	381	1	302.0813	91253.12	91253.12
328	473	1	394.0813	155300.1	155300.1
329	317	1	238.0813	56682.71	56682.71
330	390	1	311.0813	96771.58	96771.58
331	528	1	449.0813	201674	201674
332	192	2	113.0813	12787.38	25574.77
333	1874	1	1795.081	3222317	3222317
334	221	2	142.0813	20187.1	40374.2
335	114	2	35.08131	1230.699	2461.397
336	319	1	240.0813	57639.04	57639.04
337	423	1	344.0813	118392	118392
338	524	1	445.0813	198097.4	198097.4
339	280	1	201.0813	40433.69	40433.69
340	309	1	230.0813	52937.41	52937.41
341	563	1	484.0813	234334.7	234334.7
342	283	1	204.0813	41649.18	41649.18
343	275	1	196.0813	38447.88	38447.88
344	122	2	43.08131	1856	3711.999
345	216	2	137.0813	18791.29	37582.57
346	316	1	237.0813	56207.55	56207.55
347	458	1	379.0813	143702.6	143702.6
348	18	3	-60.9187	3711.086	11133.26
349	366	1	287.0813	82415.68	82415.68
350	1116	1	1037.081	1075538	1075538
351	1333	1	1254.081	1572720	1572720
352	253	2	174.0813	30304.3	60608.61
353	368	1	289.0813	83568.01	83568.01
354	108	1	29.08131	845.7228	845.7228
355	629	1	550.0813	302589.5	302589.5
356	517	1	438.0813	191915.2	191915.2
357	288	1	209.0813	43715	43715
358	823	1	744.0813	553657	553657
359	355	1	276.0813	76220.89	76220.89
360	967	1	888.0813	788688.4	788688.4
361	223	1	144.0813	20759.42	20759.42
362	650	1	571.0813	326133.9	326133.9

363 622 1 543.0813 294937.3 364 719 1 640.0813 409704.1 365 594 1 515.0813 265308.8 366 249 1 170.0813 28927.65 367 142 2 63.08131 3979.252 368 484 1 405.0813 164090.9	294937.3 409704.1 265308.8 28927.65 7958.504 164090.9 111610.3 724.6157
365 594 1 515.0813 265308.8 366 249 1 170.0813 28927.65 367 142 2 63.08131 3979.252	265308.8 28927.65 7958.504 164090.9 111610.3
366 249 1 170.0813 28927.65 367 142 2 63.08131 3979.252	28927.65 7958.504 164090.9 111610.3
367 142 2 63.08131 3979.252	7958.504 164090.9 111610.3
	164090.9 111610.3
368 484 1 405 0813 164090 9	111610.3
300 484 1 403.0813 104030.3	
369 413 1 334.0813 111610.3	724 6157
370 52 1 -26.9187 724.6157	, 24.013,
371 744 1 665.0813 442333.2	442333.2
372 138 1 59.08131 3490.602	3490.602
373 196 1 117.0813 13708.03	13708.03
374 233 1 154.0813 23741.05	23741.05
375 837 1 758.0813 574687.3	574687.3
376 266 1 187.0813 34999.42	34999.42
377 91 1 12.08131 145.9581	145.9581
378 320 1 241.0813 58120.2	58120.2
379 158 2 79.08131 6253.854	12507.71
380 212 1 133.0813 17710.64	17710.64
381 1043 1 964.0813 929452.8	929452.8
382 756 1 677.0813 458439.1	458439.1
383 321 1 242.0813 58603.36	58603.36
384 459 1 380.0813 144461.8	144461.8
385 543 1 464.0813 215371.5	215371.5
386 147 1 68.08131 4635.065	4635.065
387 175 1 96.08131 9231.619	9231.619
388 605 1 526.0813 276761.5	276761.5
389 126 1 47.08131 2216.65	2216.65
390 173 1 94.08131 8851.293	8851.293
391 777 1 698.0813 487317.5	487317.5
Totals 1980	68095208

III. Summary

a. Regular quadrant sample approach

$$VMR = 64421548 / (1980-1) / 78.91869 = 412.4825$$

VMR > 1, indicating the data set is clustered.

b. Random quadrant sample approach

$$VMR = 68095208 / (1980-1) / 78.91869 = 436.0044$$

VMR > 1, indicating the data set is clustered.