Env	Variety	TPA	NIC	NOR	ANAB	ANAT
2018_SL	Y100.1	3.18	2.845864	380.04	155.48	372.77
2018_SL	Y101.1	4.36	4.129559	470.55	231.6	516.16
2018_SL	Y10.1	3.56	3.347635	355.99	235.7	515.02
2018_SL	Y103.1	2.56	2.200302	295.81	147.52	373.52
2018_SL	Y106.1	2.41	1.524572	307.98	160.37	433.42
2018_SL	Y107.1	2.75	2.094731	325.76	185.12	471.24
2018_SL	Y110.1	4.31	3.888104	474.25	288.41	673.71
2018_SL	Y111.1	3.64	3.279587	420.91	239.43	564.96
2018_SL	Y112.1	3.34	3.147955	346.32	226.23	534.52
2018_SL	Y113.1	3.46	3.149453	356.87	225.2	503.2
2018_SL	Y115.1	2.49	2.21365	275.76	149.99	334.39
2018_SL	Y118.1	3.43	3.014583	342.14	208.09	466.19
2018_SL	Y119.1	2.97	2.629913	327.52	169.5	391.29
2018_SL	Y1.1	2.01	1.813974	241.38	134.88	351.7
2018_SL	Y121.1	4.28	3.773791	451.71	258.88	578.95
2018_SL	Y12.1	3.89	3.582023	423.25	253.38	569.27
2018_SL	Y123.1	1.09	0.771753	113.16	71.62	182.01
2018_SL	Y124.1	1.24	0.904438	181.1	73.38	194.46
2018_SL	Y125.1	2.48	2.161787	285.08	154.88	357.71
2018_SL	Y127.1	2.07	1.796688	227.15	135.65	322.13
2018_SL	Y128.1	2.47	2.0302	301.38	148.72	349.84
2018_SL	Y129.1	2.69	2.408321	319.56	151.19	339.88
2018_SL	Y13.1	2.75	2.418358	327.89	161.9	399.43
2018_SL	Y132.1	4.31	4.093568	436.55	264.96	614.21
2018_SL	Y133.1	4.65	4.330002	497.87	273.86	618.75
2018_SL	Y138.1	5.09	4.73458	551.22	326.75	758.28
2018_SL	Y14.1	3.72	3.360225	397.14	233.89	541.49
2018_SL	Y142.1	3.92	3.572802	422.53	243.41	540.99
2018_SL	Y143.1	4.19	3.958073	428.98	210.06	460.28
2018_SL	Y145.1	2.1	1.787248	250.19	137.33	328.97
2018_SL	Y146.1	2.89	2.598172	312.53	192.77	465.05
2018_SL	Y147.1	2.65	2.441079	303.55	171.26	379.72
2018_SL	Y149.1	2.76	2.535371	318.77	188.2	429.92
2018_SL	Y150.1	3.27	3.118322	351.99	227.23	540.89
2018_SL	Y151.1	2.39	2.130158	301.41	164.63	387.19
2018_SL	Y153.1	2.83	2.51307	307.95	191.35	444.58
2018_SL	Y159.1	3.09	2.79024	307.73	200.76	465.16
2018_SL	Y161.1	3.73	3.434123	436.93	232.18	539.36
2018_SL	Y16.1	4.68	4.347292	458.8	304.51	679.99
2018_SL	Y17.1	3.28	2.946994	389.22	194.19	442.62
2018_SL	Y18.1	2.99	2.727814	362.99	180.72	460.36
2018_SL	Y19.1	4.43	4.212188	476.04	270	611.03
2018_SL	Y194.5	3.43	3.185624	427.02	159.54	365.81
2018_SL	Y195.1	3.8	3.6084	450.04	212.01	475.11
2018_SL	Y196.1	4.22	4.088687	468.01	237.95	501.82
2018_SL	Y197.1	4.59	4.395138	495.16	254.9	546.58
2018_SL	Y198.1	5.13	4.846666	586.11	320.56	701.63

2018_SL	Y199.1	2.1	1.853554	306.55	130.45	284.96
2018_SL	Y200.1	3.25	3.060568	369.24	213.51	499.95
2018_SL	Y204.1	3.18	2.914101	331.74	207.5	440.22
2018_SL	Y205.1	4.27	4.126492	421.13	276.06	610.78
2018_SL	Y206.1	3.03	2.822674	342.79	181.8	389.05
2018_SL	Y207.1	3.91	3.77627	435.98	235.24	534.1
2018_SL	Y208.1	2.11	1.739454	199.26	121.68	303.19
2018_SL	Y210.1	1.6	1.263063	157.4	106.47	296.32
2018_SL	Y211.1	1.52	1.179349	175.35	90.74	212.17
2018_SL	Y212.1	2.77	2.45275	293.01	168.97	382.55
2018_SL	Y213.1	3.51	3.301395	360.26	222.68	479.42
2018_SL	Y214.1	3.9	3.620634	390.02	249.73	559.74
2018_SL	Y215.1	1.66	1.33322	180.45	108.91	279.51
2018_SL	Y217.1	1.79	1.521993	202.9	118.55	315.66
2018_SL	Y218.1	2.82	2.598489	333.52	189.66	465.93
2018_SL	Y219.1	3.17	2.9724	342.57	205.17	457.46
2018_SL	Y2.1	1.62	1.307122	171.12	104.29	322.57
2018_SL	Y221.1	3.62	3.443273	387.98	235.56	541.69
2018_SL	Y22.1	3.99	3.766043	476.87	258.95	592.31
2018_SL	Y222.1	3.03	2.906852	320.53	192.58	437.64
2018_SL	Y223.1	1.74	0.808638	237.3	143.62	384.21
2018_SL	Y224.1	2.48	2.285852	307.1	155.9	398.02
2018_SL	Y226.1	2.62	2.274454	305.15	132.59	298.94
2018_SL	Y227.1	3.67	3.424104	378.46	233.39	554.42
2018_SL	Y230.1	3.58	3.284126	395.42	221.87	538.63
2018_SL	Y23.1	5.62	5.261352	581.97	378.56	845.4
2018_SL	Y232.1	2.7	2.242834	296.45	147.38	351.12
2018_SL	Y233.1	2.85	2.643899	312.79	200.64	503.22
2018_SL	Y234.1	2.91	2.749943	310.27	193.54	429.01
2018_SL	Y235.1	3.46	3.277421	389.67	228.47	532.07
2018_SL	Y236.1	1.66	1.425268	230.75	111.14	220.39
2018_SL	Y237.1	2.24	2.033347	248.34	151.86	394.96
2018_SL	Y238.1	1.68	1.487956	214.76	123.72	321.05
2018_SL	Y239.1	2.64	2.446227	260.73	164.43	372.13
2018_SL	Y240.1	2.61	2.3166	265.79	165.51	416.66
2018_SL	Y241.1	2.22	1.875393	262.98	154.87	399.97
2018_SL	Y24.1	5.02	4.798005	524.86	305.96	672.77
2018_SL	Y242.1	2.58	2.251577	293.91	173.44	431.51
2018_SL	Y244.1	3.84	3.62958	407.2	264.02	605.31
2018_SL	Y245.1	2.02	1.76388	247.06	138.57	347.95
2018_SL	Y246.1	2.2	1.843411	227.84	155.81	386.1
2018_SL	Y247.1	3	2.793231	315.35	206.27	452.4
2018_SL	Y248.1	3.31	3.02608	390.48	234.4	546.53
2018_SL	Y250.1	4	3.6681	401.61	264.86	592.64
2018_SL	Y251.1	3.88	3.609832	397.26	275.08	573.68
2018_SL	Y25.1	3.99	3.768076	455.18	253.75	548.26
2018_SL	Y252.2	3	2.761997	348.1	214.63	471.49
2018_SL	Y253.1	3.07	2.703968	343.93	216.46	483.17

2018_SL	Y254.1	3.02	2.755895	362.2	205.58	442.03
2018_SL	Y255.1	3.19	2.87734	332.77	192.96	473.36
2018_SL	Y257.1	2.7	2.312218	316.17	179.83	440.21
2018_SL	Y260.1	2.68	2.284085	285.77	177.29	436.43
2018_SL	Y26.1	2.65	2.380027	300.03	163.6	357.28
2018_SL	Y262.1	4.28	3.946734	438.34	264.16	618.61
2018_SL	Y263.1	3.23	2.78163	399.33	232.06	542.04
2018_SL	Y264.1	3.96	3.651989	404.58	237.63	515.06
2018_SL	Y265.1	2.01	1.600633	257.77	104.41	238.93
2018_SL	Y266.1	2.85	2.427129	358.68	170.16	423.01
2018_SL	Y267.2	2.31	1.980462	281.38	149.72	398.04
2018_SL	Y268.1	3.39	3.210579	390.94	188.04	442.96
2018_SL	Y269.1	1.72	1.677079	261.78	92.98	225.83
2018_SL	Y271.1	2.34	2.146812	275.48	157.25	376.04
2018_SL	Y272.1	3.52	3.203633	345.02	241.82	565.96
2018_SL	Y273.1	2.97	2.790073	289.8	199.99	459.8
2018_SL	Y274.1	2.81	2.580781	275.73	173.35	382.12
2018_SL	Y275.1	2.07	1.889737	217.89	132.66	306.61
2018_SL	Y276.1	1.52	1.243336	184.07	94.36	293.54
2018_SL	Y277.1	2.15	1.903733	228.21	162.21	407.83
2018_SL	Y278.1	1.51	1.19226	183.33	102.79	234.85
2018_SL	Y279.1	3.7	3.430675	371.54	241.75	534.3
2018_SL	Y281.1	1.78	1.436928	200.05	106.15	233.86
2018_SL	Y284.1	3.05	2.773802	322.15	190.36	409.38
2018_SL	Y285.1	3.22	2.899027	353.74	209.05	477.45
2018_SL	Y287.1	1.87	1.530472	221.78	122.71	265.93
2018_SL	Y288.1	3.77	3.544533	385.91	234.08	485.5
2018_SL	Y289.1	3.41	3.155748	346.18	222.74	458.58
2018_SL	Y290.1	3.44	3.194103	345.61	237.95	503.91
2018_SL	Y291.1	3.42	3.048775	387.06	229.27	514.84
2018_SL	Y29.1	3.24	3.072975	350.59	222.6	519.02
2018_SL	Y292.1	3.9	3.566143	446.6	259.61	587.45
2018_SL	Y293.1	1.81	1.589183	216.04	125.5	278.34
2018_SL	Y294.1	1.53	1.243785	180.52	102.67	270.66
2018_SL	Y296.1	3.77	3.636357	381.71	248.52	542.9
2018_SL	Y299.1	1.63	1.474205	180.21	116.74	254.26
2018_SL	Y300.1	2.35	2.171579	244.08	162.51	341.49
2018_SL	Y30.1	2.99	2.799855	341.11	209.58	500.85
2018_SL	Y303.1	1.99	1.843794	226.51	143.4	345.47
2018_SL	Y305.1	3.6	3.578635	420.23	260.27	567.7
2018_SL	Y306.1	1.35	1.037742	158.16	94.91	261.91
2018_SL	Y307.1	3.59	3.32295	386.6	228.37	513.39
2018_SL	Y308.1	3.17	2.929463	352.43	188.56	427.41
2018_SL	Y309.1	3.16	2.918613	318.07	205.98	445.77
2018_SL	Y310.1	2.47	2.132693	294.13	152.12	369.21
2018_SL	Y311.1	1.77	1.428393	174.84	92.71	152.32
2018_SL	Y31.1	3.08	2.838788	361.78	217.65	519.17
2018_SL	Y315.1	2.41	2.123977	232.76	145.84	292.59

2018_SL	Y316.1	2.74	2.431804	286.35	193.06	437.9
2018_SL	Y317.1	2.29	2.264491	221.32	128.77	279.65
2018_SL	Y318.1	1.63	1.56972	179.18	111.5	239.79
2018_SL	Y319.1	2.01	1.913059	197.43	136.4	326.58
2018_SL	Y3.1	4.1	3.839311	409.56	269.19	630.36
2018_SL	Y320.1	3.45	3.234686	356.31	220.24	454.76
2018_SL	Y321.1	1.58	1.478644	186.84	108.74	263.86
2018_SL	Y32.1	2.27	2.049519	219.81	145.26	317.32
2018_SL	Y322.1	1.75	1.551272	207.88	100.36	202.79
2018_SL	Y326.1	2.97	2.710798	286.72	195.99	441.67
2018_SL	Y327.1	2.67	2.532963	292.34	168.17	356.29
2018_SL	Y328.1	2.13	1.999163	222.23	136.54	322.68
2018_SL	Y329.1	2.09	1.862405	238.48	117.53	250.62
2018_SL	Y330.1	2.01	1.796225	250.08	116.62	250.09
2018_SL	Y331.1	2.76	2.707616	285.72	190.3	417.58
2018_SL	Y33.1	2.2	2.037231	218.47	154.14	360.4
2018_SL	Y333.1	1.61	1.483418	165.38	108.05	215.25
2018_SL	Y335.1	2.64	2.41081	262.49	178.35	382.99
2018_SL	Y338.1	1.97	1.741561	200.52	130.48	314.67
2018_SL	Y339.1	2.02	1.736615	189.5	113.42	210.33
2018_SL	Y340.1	2.04	1.805789	229.72	123.63	240.14
2018_SL	Y341.1	3.25	3.064863	348.56	206.27	442.73
2018_SL	Y34.1	1.94	1.8758	240.14	138.39	315.27
2018_SL	Y343.1	1.84	1.604302	234.92	109.63	266.22
2018_SL	Y344.1	1.71	1.50076	192.63	96.59	206.44
2018_SL	Y345.1	3.65	3.27549	360.61	199.65	430.22
2018_SL	Y346.1	2.1	1.801489	226.03	140.31	329.13
2018_SL	Y349.1	1.82	1.496367	208.27	92.62	197.12
2018_SL	Y35.1	2.32	2.230339	259.24	172.63	403.27
2018_SL	Y355.1	2.29	2.005728	257.83	138.78	310.75
2018_SL	Y356.1	1.54	1.369651	188.76	88.27	218.28
2018_SL	Y357.1	2	1.889694	220.66	134.43	320.39
2018_SL	Y358.1	1.79	1.543474	182.9	119.85	298.45
2018_SL	Y359.2	3.7	3.611113	428.34	252.12	595.17
2018_SL	Y360.1	2	1.881153	243.05	141.16	344.01
2018_SL	Y361.1	1.37	1.254656	140.32	85.78	231.19
2018_SL	Y36.1	2.5	2.472051	264.04	173.52	386.7
2018_SL	Y363.1	1.34	1.28532	169.31	102.09	238.82
2018_SL	Y367.1	2.36	2.181751	251.32	141.97	289
2018_SL	Y370.1	1.67	1.565864	185.15	95.95	209.72
2018_SL	Y37.1	3.37	3.229062	347.5	236.23	541.18
2018_SL	Y373.2	2.64	2.41233	249.45	162.47	334.28
2018_SL	Y374.1	2.58	2.255527	310.79	148.83	313.77
2018_SL	Y376.1	3.92	3.69418	422.46	245.99	534.8
2018_SL	Y378.1	3.41	3.05698	384.73	209.44	498.11
2018_SL	Y380.1	3.47	2.992002	402.58	206.3	475.29
2018_SL	Y38.1	3.4	3.22344	339.73	221.28	486.48
2018_SL	Y382.1	3.38	3.216993	428.81	212.43	500.88

2018_SL	Y383.1	2.28	1.904708	325.97	104.02	243.93
2018_SL	Y386.1	3.99	3.767154	455.67	239.29	527.81
2018_SL	Y387.1	2.81	2.422122	326.4	147.75	324.29
2018_SL	Y389.1	3.77	3.411452	412.52	216.62	514.13
2018_SL	Y39.1	2.88	2.774627	331	182.35	400.69
2018_SL	Y40.1	3.77	3.481757	401.02	253.07	565
2018_SL	Y42.1	2.87	2.712148	348.91	193.21	465.25
2018_SL	Y43.1	2.24	1.988048	283.4	127.37	274.03
2018_SL	Y44.1	2.92	2.690264	342.25	179.11	420.09
2018_SL	Y46.1	2.85	2.596418	304.87	196.7	432.21
2018_SL	Y48.1	2.81	2.58077	289.62	193.83	432.64
2018_SL	Y49.1	2.29	2.119667	261.69	154.27	345.39
2018_SL	Y51.1	2.25	1.912432	272.31	139.07	319.8
2018_SL	Y5.1	4.09	3.806534	432.51	257.43	579.06
2018_SL	Y53.1	2.53	2.179254	262.25	141.72	302.86
2018_SL	Y55.1	2.03	1.885614	208.89	124.71	303.3
2018_SL	Y56.1	1.79	1.521265	178.74	122.85	292.52
2018_SL	Y57.1	3.72	3.347456	393.28	254.57	600.43
2018_SL	Y58.1	4.07	3.916623	414.77	259.43	579.11
2018_SL	Y59.1	2.66	2.552573	304.68	180.56	437.79
2018_SL	Y60.1	2.97	2.861314	329.63	182.04	408.15
2018_SL	Y61.1	3.47	3.308988	395.86	230.06	518.54
2018_SL	Y63.1	3.64	3.543046	388.63	233.24	529.82
2018_SL	Y64.1	3.87	3.652577	454.28	219.13	484.94
2018_SL	Y65.1	3.32	3.160084	405.48	195.94	466.1
2018_SL	Y66.1	3.46	3.259138	430.44	222.86	497.65
2018_SL	Y67.2	3.69	3.571183	450.73	190.62	420.59
2018_SL	Y68.1	4.09	3.794058	483.89	237.53	534.09
2018_SL	Y71.1	3.74	3.318928	440.81	229.1	548.88
2018_SL	Y72.1	3.86	3.359977	451.43	209.26	522.53
2018_SL	Y75.2	3.5	3.294205	385.26	239.61	506.32
2018_SL	Y78.1	3.27	3.023595	367.42	224.52	512.15
2018_SL	Y81.1	2.73	2.548104	332.02	188.53	429.84
2018_SL	Y83.1	1.34	1.132653	194.53	84.69	173.66
2018_SL	Y86.1	2.07	1.706484	251.25	121.83	240.8
2018_SL	Y88.1	2.97	2.774862	343.02	201.01	423.58
2018_SL	Y89.1	3.61	3.323982	374.07	244.89	548.45
2018_SL	Y91.1	2.65	2.311851	272.06	173.39	383.47
2018_SL	Y92.1	3.92	3.623545	438.59	244.08	544.55
2018_SL	Y93.1	2.68	2.368007	362.89	175.11	408.78
2018_SL	Y94.1	3.09	2.854074	394.48	176.06	434.74
2018_SL	Y96.1	3.45	3.17575	416.63	220.78	519.8
2018_SL	Y97.1	5.14	4.911471	518.97	310.59	684.28
2018_SL	Y98.1	3.49	3.092743	428.02	218.79	514.54
2018_SL	Y99.1	3.27	3.091807	398.55	181.32	403.05
2018_YH	Y100.1	1.88	1.721864	237.47	100.14	226.46
2018_YH	Y101.1	1.59	1.458277	153.07	101.36	219.02
2018_YH	Y10.1	2.31	2.013818	212.65	140.37	305.51

2018_YH	Y103.1	1.36	1.305587	153.55	87.04	172.79
2018_YH	Y106.1	1.2	0.523215	141.79	119.33	296.24
2018_YH	Y107.1	1.59	1.57602	152.87	113.12	226.21
2018_YH	Y110.1	2.19	2.023703	223.97	139.56	302.16
2018_YH	Y111.1	1.65	1.678768	189.59	99.94	217.26
2018_YH	Y112.1	2.55	2.563805	257.14	148.52	360.15
2018_YH	Y113.1	2.25	2.089845	201.92	156.13	357.87
2018_YH	Y115.1	1.46	1.251046	151.91	103.65	219
2018_YH	Y118.1	1.82	1.51368	180.47	127.76	284.44
2018_YH	Y119.1	1.63	1.443976	168.61	107.97	217.78
2018_YH	Y1.1	2.54	2.295788	263.01	171.64	352.93
2018_YH	Y121.1	1.57	1.408124	153.45	94.78	173.93
2018_YH	Y12.1	1.62	1.45196	188.49	121.55	255.69
2018_YH	Y123.1	1.23	1.073581	141.89	89.2	183.65
2018_YH	Y124.1	1.5	1.349426	189.51	107.51	230.76
2018_YH	Y125.1	1.6	1.365707	170.75	111.34	204.68
2018_YH	Y127.1	2.18	2.045134	251.1	141.68	306.3
2018_YH	Y128.1	1.74	1.22719	226.32	133.88	312.99
2018_YH	Y129.1	1.53	1.424329	165.77	113.6	216.52
2018_YH	Y13.1	1.25	1.09025	114.2	88.07	186.84
2018_YH	Y132.1	2.4	2.138077	227.36	157.45	359.79
2018_YH	Y133.1	2.76	2.564845	281.72	176.97	395.18
2018_YH	Y138.1	2	1.382031	204.13	160.48	396.74
2018_YH	Y14.1	0.95	0.791098	92.39	67.73	110.45
2018_YH	Y142.1	2.26	1.818536	202.27	154.21	338.02
2018_YH	Y143.1	2.32	2.198799	280.85	143.39	294.41
2018_YH	Y145.1	2.31	2.049873	255.34	143.04	362.24
2018_YH	Y146.1	2.7	2.348632	271.33	172.64	405.69
2018_YH	Y147.1	2.27	2.080153	265.69	144.23	319.84
2018_YH	Y149.1	2	1.759996	218.78	132.1	296.73
2018_YH	Y150.1	2.3	2.340317	241.43	140.34	336.76
2018_YH	Y151.1	2.1	2.097197	237.68	154.62	347.67
2018_YH	Y153.1	2.65	2.42766	254.7	176.48	397.24
2018_YH	Y159.1	2.75	2.539785	255.67	171.5	400.09
2018_YH	Y161.1	2.01	1.960398	220.05	126.02	312.77
2018_YH	Y16.1	1.93	1.844352	185.24	138.8	295.58
2018_YH	Y17.1	2.21	2.038186	197.57	157.57	311.5
2018_YH	Y18.1	1.33	1.231543	133.63	92.28	165.69
2018_YH	Y19.1	2.46	2.285086	236.8	153.64	327.38
2018_YH	Y194.5	1.9	1.880049	235.92	115.44	258.54
2018_YH	Y195.1	2.02	1.90731	210.12	131.68	310.06
2018_YH	Y196.1	2.81	2.698215	301.05	197.92	460.61
2018_YH	Y197.1	2.3	2.112858	240.77	158.74	358.8
2018_YH	Y198.1	2.6	2.427258	246.03	187.33	424.9
2018_YH	Y199.1	1.45	1.181958	174.91	83.01	211.63
2018_YH	Y200.1	2.27	2.169806	257.71	146.07	316.76
2018_YH	Y204.1	1.72	1.56215	163.21	117.44	248.72
2018_YH	Y205.1	2.06	1.825713	200.95	147.49	349.78

2018_YH	Y206.1	1.73	1.511173	171.59	124.23	275.21
2018_YH	Y207.1	1.84	1.702196	205.02	118.46	280.75
2018_YH	Y208.1	2.29	2.032893	220.45	134.06	277.29
2018_YH	Y210.1	1.31	1.103212	142.12	79.39	141.4
2018_YH	Y211.1	1.48	1.283335	170.87	89.21	166.26
2018_YH	Y212.1	2.36	2.122398	268.85	153.61	342.82
2018_YH	Y213.1	1.99	1.856822	225.82	111.56	245.89
2018_YH	Y214.1	3	2.505978	301.07	189.83	446.56
2018_YH	Y215.1	1.7	1.489679	182.9	110.88	257.82
2018_YH	Y217.1	1.69	1.702554	175.12	110.4	243.7
2018_YH	Y218.1	1.6	1.507776	166.6	102.6	220.25
2018_YH	Y219.1	2.34	2.015816	204.95	160.98	361.23
2018_YH	Y2.1	0.97	0.858252	93.46	66.45	179.75
2018_YH	Y221.1	1.82	1.764828	186.81	117.65	236.67
2018_YH	Y22.1	2.5	2.267377	221.94	153.88	335.94
2018_YH	Y222.1	1.68	1.577052	165.98	107.51	220.13
2018_YH	Y223.1	1.19	0.728523	151.7	94.68	230.6
2018_YH	Y224.1	1.52	1.445683	199.12	113.28	224.48
2018_YH	Y226.1	1.74	1.666653	219.31	114.24	225.15
2018_YH	Y227.1	2.41	2.280292	282.89	165.92	394.21
2018_YH	Y230.1	2.51	2.420402	243.19	152.45	348.46
2018_YH	Y23.1	1.09	0.952112	119.6	81.61	159.03
2018_YH	Y232.1	2.09	2.0276	224.87	130.5	277.46
2018_YH	Y233.1	1.79	1.651247	196.89	125.38	288.37
2018_YH	Y234.1	1.76	1.686453	182.83	129.98	305.77
2018_YH	Y235.1	1.95	1.885463	206.69	138.35	325.71
2018_YH	Y236.1	1.61	1.438415	150.94	113.21	232.42
2018_YH	Y237.1	2.32	2.16187	216.74	161.91	363.4
2018_YH	Y238.1	1.43	1.114646	142.33	120.1	259.64
2018_YH	Y239.1	2.13	2.066975	195.37	158.76	306.26
2018_YH	Y240.1	1.91	1.792943	172.1	134.28	271.47
2018_YH	Y241.1	1.22	1.171348	117.58	84.75	169.62
2018_YH	Y24.1	1.74	1.528101	163.33	119.12	237.46
2018_YH	Y242.1	1.5	1.382268	143.46	105.34	223.18
2018_YH	Y244.1	1.9	1.853088	182.73	137.27	290.23
2018_YH	Y245.1	1.27	1.111551	117.77	85.35	154.61
2018_YH	Y246.1	1.72	1.467093	143.83	112.19	245.23
2018_YH	Y247.1	0.97	0.938895	74.67	72.05	117.76
2018_YH	Y248.1	1.97	1.902815	178.86	138.74	248.58
2018_YH	Y250.1	3.52	3.447818	336.39	248.4	559.47
2018_YH	Y251.1	2.62	2.624057	227.12	177.37	331.76
2018_YH	Y25.1	1.47	1.328968	155.42	95.58	196.42
2018_YH	Y252.2	1.93	1.826522	184.27	137.79	321.34
2018_YH	Y253.1	1.93	1.752752	173.03	137.36	272.93
2018_YH	Y254.1	1.56	1.586196	155.59	104.44	195.64
2018_YH	Y255.1	2.69	2.634663	252.76	182.19	379.94
2018_YH	Y257.1	1.87	1.79554	186.88	130.41	245.1
2018_YH	Y260.1	2.08	2.076847	200.92	133.25	261.32

2018_YH	Y26.1	1.23	0.996326	127.39	81.16	160.73
2018_YH	Y262.1	2.52	2.437053	232.22	165.16	349.12
2018_YH	Y263.1	1.54	1.51239	154.68	115.26	209.87
2018_YH	Y264.1	2.58	2.561352	245.05	183.28	374.92
2018_YH	Y265.1	1.92	1.712863	208.78	140.43	300.35
2018_YH	Y266.1	1.35	1.31917	142.14	77.48	129.26
2018_YH	Y267.2	1.41	1.426676	150.44	82.49	125.14
2018_YH	Y268.1	2.32	2.269784	241.11	164.08	363.67
2018_YH	Y269.1	1.48	1.44498	156.73	107.28	168.36
2018_YH	Y271.1	1.47	1.422239	152.64	103.03	204.39
2018_YH	Y272.1	2.06	1.876894	195.6	150.59	339.88
2018_YH	Y273.1	1.95	1.883899	169.17	139.29	261.83
2018_YH	Y274.1	2.98	2.888477	273.03	195.55	406.23
2018_YH	Y275.1	1.87	1.738097	165.81	135.51	270.67
2018_YH	Y276.1	1.91	1.826671	207.18	120.68	219.29
2018_YH	Y277.1	1.94	1.828142	194.69	126.23	230.75
2018_YH	Y278.1	1.91	1.620919	169.19	142.09	294.32
2018_YH	Y279.1	1.96	1.888268	176.68	146.09	281.93
2018_YH	Y281.1	1.65	1.485065	173.38	120.57	232.01
2018_YH	Y284.1	1.68	1.645814	165.43	117.24	224.86
2018_YH	Y285.1	1.91	1.768827	201.83	132.2	265.02
2018_YH	Y287.1	1.15	1.121028	104.16	78.17	131.94
2018_YH	Y288.1	2.08	2.10419	193.09	151.39	324.93
2018_YH	Y289.1	2.14	2.107565	189.31	151.73	293.43
2018_YH	Y290.1	1.71	1.550366	143.69	131.84	271.35
2018_YH	Y291.1	1.88	1.681178	205.23	118	246.9
2018_YH	Y29.1	1.5	1.428356	178.04	116.83	264.76
2018_YH	Y292.1	2.62	2.393558	255.13	190.97	441.07
2018_YH	Y293.1	1.87	1.814361	180.06	125.33	225.08
2018_YH	Y294.1	1.81	1.497273	179.55	131.19	331.89
2018_YH	Y296.1	2.71	2.611968	224.46	184.67	375.96
2018_YH	Y299.1	1.6	1.465862	154.75	125.83	250.97
2018_YH	Y300.1	1.71	1.552504	128.9	129.97	224.06
2018_YH	Y30.1	2.09	1.85273	221.85	143.15	327.67
2018_YH	Y303.1	1.61	1.438987	158.94	124.83	292.19
2018_YH	Y305.1	1.38	1.331491	133.74	121.48	211.8
2018_YH	Y306.1	2.09	1.853422	167.36	154.67	333.41
2018_YH	Y307.1	2.31	2.237476	201.54	154.59	322.02
2018_YH	Y308.1	1.86	1.681978	187.69	114.24	238.32
2018_YH	Y309.1	2.07	2.003262	195.9	151.69	306.26
2018_YH	Y310.1	1.68	1.591475	185.51	112.84	220.69
2018_YH	Y311.1	1.79	1.737019	193.75	115.38	229.96
2018_YH	Y31.1	1.35	1.11376	157.63	71.06	137.65
2018_YH	Y315.1	2.9	2.730707	272.72	184.94	383.94
2018_YH	Y316.1	3.44	2.913429	325.5	231.37	570.15
2018_YH	Y317.1	2.46	2.422267	256.07	147.95	340.71
2018_YH	Y318.1	2.02	1.991516	202.65	142.11	293.24
2018_YH	Y319.1	1.8	1.627736	169.68	116.01	243.07

2018_YH	Y3.1	2.05	1.882654	208.72	124.4	280.98
2018_YH	Y320.1	2	1.910056	179.01	129.32	250.01
2018_YH	Y321.1	1.37	1.187388	133.28	92.76	190.46
2018_YH	Y32.1	3.46	3.107185	339.76	210.2	498.3
2018_YH	Y322.1	1.68	1.564017	206.41	114.62	222.45
2018_YH	Y326.1	1.08	1.069206	92.22	94.14	140.21
2018_YH	Y327.1	1.67	1.365647	195.16	118.85	277.14
2018_YH	Y328.1	3.53	3.284908	336.29	228.34	490.57
2018_YH	Y329.1	1.61	1.425907	155.33	111.79	244.36
2018_YH	Y330.1	1.11	1.027801	119.82	72.62	119.41
2018_YH	Y331.1	2.78	2.622893	261.36	185.44	401.09
2018_YH	Y33.1	1.79	1.748411	168.82	102.46	220.43
2018_YH	Y333.1	1.41	1.318967	134.81	99.64	178.86
2018_YH	Y335.1	2.03	1.723542	166.94	130.42	315.79
2018_YH	Y338.1	2.84	2.740472	259.08	203.62	412.02
2018_YH	Y339.1	2.31	2.142119	211.07	160.3	327.48
2018_YH	Y340.1	1.36	1.32667	147.4	91.99	145.07
2018_YH	Y341.1	2.07	1.960686	194.15	130.91	233.97
2018_YH	Y34.1	1.51	1.484182	179.88	85.02	156
2018_YH	Y343.1	1.06	1.003908	113.37	68.32	115.01
2018_YH	Y344.1	1.37	1.326333	162.68	93.81	171.28
2018_YH	Y345.1	1.22	1.067682	109.4	97.6	207.87
2018_YH	Y346.1	1.51	1.305418	132.13	124.91	261.69
2018_YH	Y349.1	1.6	1.520534	152.83	112.19	226.65
2018_YH	Y35.1	2.14	1.776285	260.96	131.08	306.78
2018_YH	Y355.1	1.62	1.653515	176.39	101.24	180.92
2018_YH	Y356.1	1.97	1.900995	177.46	135.94	263.98
2018_YH	Y357.1	2.75	2.689393	251.67	191.18	410.51
2018_YH	Y358.1	2.32	2.087372	236.23	154.55	364.79
2018_YH	Y359.2	2.08	2.107511	214.76	145.01	326.26
2018_YH	Y360.1	2.24	2.132296	209.6	165.84	364.2
2018_YH	Y361.1	1.98	1.824546	198.7	129.24	297.9
2018_YH	Y36.1	1.73	1.664705	178.67	113.78	216.01
2018_YH	Y363.1	1.56	1.396595	171.79	98.23	202.45
2018_YH	Y367.1	2.55	2.403752	245.38	155.26	319.78
2018_YH	Y370.1	1.95	1.988739	194.97	121.76	242.02
2018_YH	Y37.1	1.97	1.895806	191.25	137.15	303.93
2018_YH	Y373.2	2.2	2.008243	210.05	142.84	322.69
2018_YH	Y374.1	1.63	1.50285	161.69	115.26	248.21
2018_YH	Y376.1	1.93	1.918836	190.47	131.3	280.61
2018_YH	Y378.1	1.68	1.538038	191.43	99.43	203.24
2018_YH	Y380.1	2.92	2.606145	276.61	190.51	422.31
2018_YH	Y38.1	2.19	2.059533	191.6	136.89	275.73
2018_YH	Y382.1	1.32	1.393603	120.59	91.51	167.58
2018_YH	Y383.1	2.17	1.972173	234.99	131.32	283.98
2018_YH	Y386.1	2.4	2.251926	205.85	155.55	348.45
2018_YH	Y387.1	1.74	1.592306	165.79	111.88	222.91
2018_YH	Y389.1	1.52	1.389953	149.46	100.11	214.65

2018_YH	Y39.1	2.38	1.913754	275.42	137.2	348.96
2018_YH	Y40.1	2.87	2.320595	311.66	180.35	445.15
2018_YH	Y42.1	1.63	1.548782	176.62	106.85	236.11
2018_YH	Y43.1	2.38	2.259453	233.11	157.39	336.63
2018_YH	Y44.1	2.13	1.911787	239.71	128.73	280.26
2018_YH	Y46.1	2.28	2.136053	218.3	151.01	321.15
2018_YH	Y48.1	1.67	1.576279	169.55	99.22	224.77
2018_YH	Y49.1	2.56	2.031248	270.43	177.18	427.2
2018_YH	Y51.1	1.41	1.182558	157.79	90.34	154.14
2018_YH	Y5.1	2.64	2.475925	260.95	173.79	377.92
2018_YH	Y53.1	2.22	1.989119	201.62	142.97	289.99
2018_YH	Y55.1	1.69	1.598052	185.67	114.17	245.05
2018_YH	Y56.1	2.76	2.355685	284.07	184.83	421.9
2018_YH	Y57.1	2.37	2.182939	234.61	152.8	336.54
2018_YH	Y58.1	1.96	1.703952	191.31	127.74	294.12
2018_YH	Y59.1	1.37	1.25361	154.95	90.93	164.18
2018_YH	Y60.1	1.51	1.37729	162.14	89.93	150.48
2018_YH	Y61.1	2.2	1.941483	224.93	153.8	334.85
2018_YH	Y63.1	2.02	1.854867	202.51	137.12	290.26
2018_YH	Y64.1	1.75	1.658616	166.99	112.49	234.39
2018_YH	Y65.1	2.14	1.97991	226.68	144.41	298.41
2018_YH	Y66.1	2.38	2.221045	317.07	156.38	360.13
2018_YH	Y67.2	1.25	1.074308	153.01	82.76	157.54
2018_YH	Y68.1	3.49	3.361324	356.27	211.54	456.44
2018_YH	Y71.1	2.44	2.230421	225.47	145.53	342.93
2018_YH	Y72.1	3.02	2.709452	291.3	192.05	426.68
2018_YH	Y75.2	1.91	1.774175	197.78	111.04	241.97
2018_YH	Y78.1	1.98	1.854391	217.04	134.61	320.04
2018_YH	Y81.1	1.61	1.477268	165.56	101.02	206.24
2018_YH	Y83.1	1.34	1.236972	164.59	85.27	144.09
2018_YH	Y86.1	1.23	0.891935	168.02	78.88	135.31
2018_YH	Y88.1	1.92	1.713698	191.81	137.38	261.48
2018_YH	Y89.1	3.17	2.907309	325.63	209.97	489.78
2018_YH	Y91.1	2.19	2.078663	207.24	137.92	279.42
2018_YH	Y92.1	2.19	2.1849	203.65	137.1	292.97
2018_YH	Y93.1	1.57	1.465048	164.1	114.25	231.79
2018_YH	Y94.1	1.65	1.565311	182.84	115.39	270.01
2018_YH	Y96.1	1.64	1.585138	160.09	99.97	217.23
2018_YH	Y97.1	2.6	2.670183	249.09	168.83	363.17
2018_YH	Y98.1	1.75	1.55992	199.23	115.68	279.69
2018_YH	Y99.1	1.33	1.22389	143.29	86.97	189.11
2019_SL	Y1.1	2.41	2.213164	299.44	157.52	318.73
2019_SL	Y2.1	3.21	3.028697	391.29	215	432.39
2019_SL	Y3.1	3.9	3.633894	452.19	263.9	544.99
2019_SL	Y5.1	3.25	2.837608	378.75	201.91	471.56
2019_SL	Y6.1	2.77	2.439468	337.26	189.42	416.82
2019_SL	Y7.1	2.35	2.025569	339.03	136.11	327.56
2019_SL	Y8.1	2.41	2.238713	303.68	142.39	318.52

2019_SL	Y9.1	2.34	2.295574	350.94	153.25	309.9
2019_SL	Y10.1	4.19	3.959229	459.2	279.39	575.11
2019_SL	Y12.1	3.95	3.657257	462.19	248.35	552.48
2019_SL	Y13.1	3.02	2.89282	370.15	206.8	417.52
2019_SL	Y14.1	2.75	2.718729	442.98	181.03	411.88
2019_SL	Y16.1	3.89	3.648518	469.69	252.77	520.69
2019_SL	Y17.1	3.78	3.558176	435.92	250.63	498.31
2019_SL	Y18.1	3.39	3.253831	462.35	219.02	475.82
2019_SL	Y19.1	4.58	4.601778	533.33	284.62	608.8
2019_SL	Y22.1	4.29	4.00991	500.83	281.6	594.92
2019_SL	Y23.1	2.79	2.647947	398.47	193.88	411.91
2019_SL	Y24.1	3.29	3.28295	424.72	217.68	431.55
2019_SL	Y25.1	3.02	2.834821	387.6	210.21	422.53
2019_SL	Y26.1	3.01	2.855109	398.72	203.88	404.78
2019_SL	Y29.1	3.81	3.683092	458.49	245.92	530.32
2019_SL	Y30.1	2.77	2.46599	348.08	180.29	383.56
2019_SL	Y31.1	3.42	3.153051	460.99	189.56	460.32
2019_SL	Y32.1	4.31	4.031957	458.18	266.36	585.32
2019_SL	Y33.1	3.36	3.192705	372.17	206.41	428.99
2019_SL	Y34.1	2.42	2.365383	328.53	154.22	322.55
2019_SL	Y35.1	3.02	2.728248	436.1	192.48	450.46
2019_SL	Y36.1	2.8	2.817273	378.17	178.99	393.58
2019_SL	Y37.1	3.72	3.443823	438.4	263.96	560.18
2019_SL	Y38.1	2.74	2.596675	313.25	177	349.11
2019_SL	Y39.3	2.47	2.368136	282.42	166.9	366.13
2019_SL	Y40.1	4.83	4.588394	583.53	284.78	630.16
2019_SL	Y41.1	1.85	1.690582	304.31	122.94	319.78
2019_SL	Y42.1	2.67	2.692215	372.77	178.64	392.36
2019_SL	Y43.1	2.67	2.494978	358.57	192.03	400.07
2019_SL	Y44.1	3.5	3.225344	451.77	218.36	486.56
2019_SL	Y46.1	3.76	3.69523	448.63	252.1	474.92
2019_SL	Y48.1	2.46	2.186308	314.41	162.03	400.69
2019_SL	Y49.2	3.19	2.950715	460.26	228.76	517.84
2019_SL	Y51.1	2.97	2.826961	397.19	194.73	397.6
2019_SL	Y53.1	3.46	3.415274	446.3	210.61	441.54
2019_SL	Y55.1	2.53	2.481722	308.87	162.08	356.02
2019_SL	Y56.1	3.43	3.218788	427.29	206.3	423.9
2019_SL	Y57.1	3.78	3.504937	454.3	249.3	536.33
2019_SL	Y58.1	5.28	5.096966	604.51	358.79	740.76
2019_SL	Y59.1	3.24	3.101433	418.67	213.99	472.97
2019_SL	Y60.1	3.51	3.336903	440.1	198.4	408.33
2019_SL	Y61.1	3.89	3.677152	438.68	237.39	500.02
2019_SL	Y63.1	4.22	4.105539	495.27	273.62	583.94
2019_SL	Y64.1	3.71	3.52129	426.88	234.02	494.09
2019_SL	Y65.1	2.59	2.485274	375.19	159.29	395.65
2019_SL	Y65.5	2.32	2.236615	369	152.06	392.81
2019_SL	Y66.1	2.33	2.302271	385.54	161.99	373.49
2019_SL	Y67.1	2.41	2.288546	343.81	139.6	308.13

2019_SL	Y68.1	4.26	4.203279	527.29	266.8	571.36
2019_SL	Y70.1	4.33	4.176027	555.44	279.97	611.34
2019_SL	Y70.5	4.09	3.597123	544.92	267.17	644.51
2019_SL	Y71.1	3.64	3.557235	534.98	229.62	556.47
2019_SL	Y72.1	5.37	4.372252	673.68	345.09	813.67
2019_SL	Y73.1	5.16	4.789759	590.83	312.29	662.42
2019_SL	Y73.5	5.29	4.911718	599.06	305.99	676.8
2019_SL	Y74.1	4.19	4.071052	552.85	254.78	557.94
2019_SL	Y74.5	3.47	3.191694	440.89	208.52	490.61
2019_SL	Y75.1	4.56	4.355877	532.02	286.23	604.97
2019_SL	Y78.1	3.07	2.755345	424.22	191.18	453.89
2019_SL	Y81.1	3.57	3.545703	450.53	236.2	502.75
2019_SL	Y83.1	2.62	2.630686	328.41	148.53	317.56
2019_SL	Y86.1	2.53	2.490518	378.77	154.15	348.99
2019_SL	Y88.1	3.6	3.872504	462.44	251.92	432.89
2019_SL	Y89.1	4.15	3.863527	513.39	265.68	586.79
2019_SL	Y91.1	3.08	3.004629	366.71	195.92	412.07
2019_SL	Y92.1	3.49	3.415559	376.67	215.97	444.21
2019_SL	Y93.1	1.41	1.412579	210	95.53	160.6
2019_SL	Y94.1	2.55	2.429393	353.26	169.27	377.79
2019_SL	Y96.1	2.77	2.801553	355.12	174.9	392
2019_SL	Y97.1	4.03	3.977411	472.17	265.68	587.17
2019_SL	Y98.1	2.43	2.449586	392.67	152.97	380.42
2019_SL	Y99.1	2.53	2.480817	366.72	143.13	295.43
2019_SL	Y101.1	4.67	4.691464	542.73	280.28	543.66
2019_SL	Y103.1	3.77	3.596153	475.74	242.97	544.89
2019_SL	Y106.1	2.84	2.925625	352.69	187.35	408.71
2019_SL	Y107.1	1.39	0.783973	318.37	169.95	472.71
2019_SL	Y110.1	2.67	2.721765	325.17	178.36	405.05
2019_SL	Y111.1	3.02	2.943208	406.03	218.35	452.22
2019_SL	Y112.1	2.6	2.710085	383.3	172.66	398.03
2019_SL	Y113.1	3.86	3.772891	516.96	296.84	640.84
2019_SL	Y115.1	3.57	3.831176	479.75	197.62	383.99
2019_SL	Y118.1	3.76	3.615836	452.29	231.39	489.78
2019_SL	Y119.1	3.38	3.46018	438.77	195.7	416.16
2019_SL	Y121.1	4.19	3.959066	487.47	284.87	640.51
2019_SL	Y123.1	3.68	3.727008	475.01	247.06	489.47
2019_SL	Y124.1	3.32	3.407	477.73	202.96	421.97
2019_SL	Y125.1	3.45	3.521553	433.08	241.75	503.52
2019_SL	Y127.1	3.42	3.303511	427.52	211.74	418.59
2019_SL	Y128.1	2.98	2.744991	431.55	204.51	465.68
2019_SL	Y129.1	3.32	3.394118	484.95	199.56	408.29
2019_SL	Y132.1	2.53	1.601583	457.61	299.31	840.55
2019_SL	Y133.1	2.2	1.006665	466.45	322.1	896.84
2019_SL	Y134.1	2.25	2.310539	322.41	175.99	356.2
2019_SL	Y136.1	3.05	2.960864	349.54	192.89	410.92
2019_SL	Y138.3	3.08	3.035657	390.18	224.9	447.1
2019_SL	Y142.2	3.47	3.34883	448.52	236.19	413.79

2019_SL	Y143.1	3.73	3.504797	432.42	233.05	484.43
2019_SL	Y144.1	3.83	3.675529	447.75	250.44	530.48
2019_SL	Y144.5	3.42	3.173032	380.9	227.27	495.44
2019_SL	Y145.1	3.74	3.468355	426.92	245.76	549.26
2019_SL	Y146.1	2.93	2.651006	339.47	190.28	425.51
2019_SL	Y147.2	1.85	1.929245	287.77	127.09	300.4
2019_SL	Y149.1	2.23	2.255017	306.57	145.04	287.46
2019_SL	Y150.1	3.31	3.157789	419.3	215.08	494.81
2019_SL	Y151.1	3.07	2.925025	382.05	229.94	460.97
2019_SL	Y153.1	3.62	3.527801	404.48	221.71	433.36
2019_SL	Y159.2	5.05	4.83507	535.84	335.05	684.76
2019_SL	Y161.1	2.8	2.607767	361.16	163.08	358.4
2019_SL	Y162.1	2.26	2.165415	281.79	158.34	380.95
2019_SL	Y163.1	2.51	2.499451	336.51	169.34	333.79
2019_SL	Y164.1	3.99	3.776712	506.74	268.79	526.04
2019_SL	Y194.1	2.66	2.550456	351.15	157.14	327.83
2019_SL	Y194.5	2.31	2.254052	326.48	137.62	300.13
2019_SL	Y195.1	2.87	2.752146	357.13	176.2	381.37
2019_SL	Y196.1	2.98	2.853051	440.95	193.78	427.52
2019_SL	Y197.1	3.33	3.181136	436.14	220.94	476.63
2019_SL	Y198.1	3.15	3.125744	420.78	222.26	494.57
2019_SL	Y199.1	2.64	2.437686	400.12	192.69	434.67
2019_SL	Y200.1	4.04	4.035328	502.14	286.64	563.07
2019_SL	Y202.1	3.41	3.242264	432.53	212.39	466.92
2019_SL	Y202.5	2.26	2.363554	340.31	145.71	310.8
2019_SL	Y204.1	5.67	5.408395	597.59	364.08	760.73
2019_SL	Y205.1	2.13	2.059681	311.22	147.85	254.71
2019_SL	Y206.1	2.58	2.569037	354.68	180.43	388.78
2019_SL	Y207.1	4.54	4.42387	525.66	296.88	654.75
2019_SL	Y208.1	2.43	2.47842	318.74	153.83	315.31
2019_SL	Y208.5	3.69	3.700097	427.42	223.4	479.61
2019_SL	Y209.5	2.76	2.642991	385.68	165.11	418.34
2019_SL	Y210.1	2.18	2.075587	359.92	130.07	305.72
2019_SL	Y211.1	3.12	2.970094	395.24	202.48	470.73
2019_SL	Y212.1	3.56	3.5249	440.85	241.48	517.59
2019_SL	Y213.1	2.43	2.475887	304.73	160.79	336.39
2019_SL	Y214.1	3.07	2.916366	392.64	198.84	438.56
2019_SL	Y215.1	2.61	2.231982	418.44	204.56	522.05
2019_SL	Y217.1	2.97	2.913354	424.95	202.03	450.64
2019_SL	Y218.1	2.34	2.15316	429.04	171.52	402.01
2019_SL	Y219.1	2.41	2.284226	347.3	156.73	260.71
2019_SL	Y221.1	3.23	3.218047	400.12	198.1	406.6
2019_SL	Y222.1	2.49	2.372406	361.75	154.28	355.75
2019_SL	Y223.1	2.38	2.277033	425.37	185.48	378.04
2019_SL	Y224.1	2.9	2.859845	448.48	185.2	388.2
2019_SL	Y226.3	1.92	2.071771	331.82	123.69	280.45
2019_SL	Y227.1	3.1	3.098885	405.27	201.26	440.2
2019_SL	Y228.5	3.95	4.216393	558.08	256.03	501.29

2019_SL	Y230.1	3.22	3.525741	405.78	213.14	440.86
2019_SL	Y232.1	2.11	2.408711	324.7	127.13	249.9
2019_SL	Y233.1	3.31	3.525595	458.68	215.65	462.47
2019_SL	Y234.1	2.9	3.050658	459.27	195.53	412.17
2019_SL	Y235.1	4.44	4.53942	576.94	285.53	602.3
2019_SL	Y236.1	3.04	3.056745	421.66	197.71	403.08
2019_SL	Y237.1	3.06	3.118815	435.75	187.68	449.67
2019_SL	Y238.1	2.32	2.477881	401.86	163.43	334.14
2019_SL	Y239.1	3.64	3.942572	462.63	258.9	456.4
2019_SL	Y240.1	2.22	2.451116	307.02	156.69	333.5
2019_SL	Y241.1	2.58	2.530689	382.35	166.9	385.42
2019_SL	Y242.1	2.72	2.801549	424.53	195.77	408.44
2019_SL	Y244.1	4.27	4.028278	494.58	284.3	617.39
2019_SL	Y245.1	2.66	2.609392	426.17	179.89	398.05
2019_SL	Y246.1	3.63	3.561731	485	233.39	497.54
2019_SL	Y247.1	4.11	4.035313	493.42	275.35	590.81
2019_SL	Y248.1	2.56	2.457172	409.37	147.88	400.78
2019_SL	Y250.1	4.46	4.480487	501.43	293.32	620.2
2019_SL	Y251.1	4.21	4.269349	528.12	287.06	558.68
2019_SL	Y252.1	2.92	3.066218	416.45	197.28	405.16
2019_SL	Y253.1	3.61	3.614991	456.56	244.43	531.63
2019_SL	Y254.1	3.13	3.078131	449.03	204.89	498.64
2019_SL	Y255.1	3.46	3.638789	407.84	217.98	453.39
2019_SL	Y257.1	3.06	3.251547	390.23	209.84	433.81
2019_SL	Y260.1	3	3.224482	460.38	188.97	441.93
2019_SL	Y262.1	4.06	4.167868	481.97	264.18	574.68
2019_SL	Y263.1	2.41	2.506161	364.85	177.98	400.94
2019_SL	Y264.1	3.66	3.799898	465.09	250.05	534.25
2019_SL	Y265.1	2.76	3.000476	343.37	180.2	319.46
2019_SL	Y266.1	2.69	2.728773	449.34	160.8	410.78
2019_SL	Y267.1	2.72	3.09042	452.08	183.01	373.69
2019_SL	Y268.1	2.39	2.735653	379.43	184.27	391.06
2019_SL	Y269.1	2.43	2.481812	392.11	189.59	419.05
2019_SL	Y271.1	2.48	2.734531	387.3	164.23	328.59
2019_SL	Y272.1	4.37	4.538708	517.23	286.62	607.34
2019_SL	Y273.1	3.19	3.28079	401.07	190.55	394.68
2019_SL	Y274.1	4	4.055227	507.13	249.47	554.09
2019_SL	Y275.1	3.35	3.47772	470.29	222.74	489.19
2019_SL	Y276.1	2.5	2.68547	283.28	151.24	296.85
2019_SL	Y277.1	3.65	3.477302	466.57	236.24	503.32
2019_SL	Y278.1	2.31	2.117857	307.92	149.62	322.64
2019_SL	Y279.1	2.98	2.947379	382.4	200.44	370.51
2019_SL	Y281.1	1.55	1.566618	267.72	115.62	197.35
2019_SL	Y284.1	4.76	4.587409	514.74	313.5	694.11
2019_SL	Y285.1	2.01	2.10542	239.08	150.66	295.54
2019_SL	Y287.1	2.19	2.213399	292.86	137	265.4
2019_SL	Y288.1	4.66	4.483993	502.64	315.56	693.89
2019_SL	Y289.1	3.48	3.416504	412.14	237.19	500.1

2019_SL	Y290.1	2.4	2.271468	308.56	167.35	358.61
2019_SL	Y291.1	3.66	3.48388	412.47	245.23	538.13
2019_SL	Y292.1	2.99	2.977746	381.02	199.42	458.25
2019_SL	Y293.1	2.78	2.661046	302.04	182.72	405.2
2019_SL	Y294.1	2	1.852204	246.92	131.47	297.58
2019_SL	Y296.1	3.4	3.233544	322.94	212.31	468.49
2019_SL	Y299.1	2.7	2.598087	284.05	186.3	432.03
2019_SL	Y300.1	1.52	1.551483	180.57	117.19	214.09
2019_SL	Y303.1	2.47	2.28815	282.69	168.65	398.99
2019_SL	Y305.1	2.18	2.198222	264.81	163.71	345.12
2019_SL	Y306.1	1.64	1.587408	185.16	120.08	235.56
2019_SL	Y307.1	3.19	3.123736	328.83	217.43	512.91
2019_SL	Y308.1	1.51	1.631483	193.98	105.88	261.21
2019_SL	Y309.1	4.73	4.45326	534.42	360.38	794.33
2019_SL	Y310.1	1.49	1.611437	194.53	109.58	212.26
2019_SL	Y311.1	1.3	1.364825	162.78	89.23	202.35
2019_SL	Y313.1	3.42	3.311476	340.11	234.14	510.16
2019_SL	Y313.5	2.3	2.256802	277.11	158.73	352.86
2019_SL	Y315.1	2.44	2.557695	290.12	178.36	384.61
2019_SL	Y316.1	1.79	1.49057	225.65	164.39	403.74
2019_SL	Y317.1	2.76	2.769038	323.18	189.02	417.95
2019_SL	Y318.1	2.4	2.45075	313.67	174.73	373.46
2019_SL	Y319.1	1.91	1.672468	196.64	121.96	327.66
2019_SL	Y320.3	1.78	1.574245	261.17	115.42	257.18
2019_SL	Y321.1	2.62	2.549562	310.87	183.26	393.84
2019_SL	Y322.3	3.39	3.204549	402.02	235.38	526.14
2019_SL	Y326.1	3.69	3.407781	394.26	247.87	547.16
2019_SL	Y327.1	2.39	2.025395	311.94	158.53	391.37
2019_SL	Y328.1	2.19	1.920072	291.84	143.23	348.26
2019_SL	Y329.1	1.93	1.776821	213.44	122.88	288.46
2019_SL	Y330.1	1.75	1.611219	258.27	125.54	304.03
2019_SL	Y331.1	4.62	4.418929	457.36	304.99	693.68
2019_SL	Y333.1	3.1	3.026658	355.51	205.56	439.85
2019_SL	Y335.1	2.09	1.890458	267.3	133.45	274.1
2019_SL	Y338.1	3.56	3.217581	386.06	218.65	493.17
2019_SL	Y339.1	3.71	3.567186	402.07	243.54	524.15
2019_SL	Y340.1	3.84	3.596534	469.47	261.83	597.46
2019_SL	Y341.1	2.65	2.175317	315.47	135.73	366.4
2019_SL	Y343.1	3.31	3.195395	391.63	215.3	481.95
2019_SL	Y344.1	1.72	1.65542	210.42	100.98	236.93
2019_SL	Y345.1	2.6	2.375547	265.91	165.37	421.58
2019_SL	Y346.1	2.77	2.601233	310.48	204.24	432.78
2019_SL	Y349.1	2.43	2.254142	284.43	149.21	354.65
2019_SL	Y355.1	1.58	1.459609	251.2	101.86	227.33
2019_SL	Y356.1	2.11	2.063769	293.14	131.77	263.37
2019_SL	Y357.1	2.89	2.796346	308.63	184.52	363.31
2019_SL	Y358.1	2.05	1.834225	227.89	124.82	335.74
2019_SL	Y359.1	1.97	1.859113	224.07	138.57	397.21

2019_SL	Y360.1	2.92	2.740904	354.59	203.1	431.54
2019_SL	Y361.1	1.77	1.714981	200.92	127.28	332.74
2019_SL	Y363.1	1.09	1.006151	137.16	60.71	171.09
2019_SL	Y366.5	1.63	1.708689	215.74	99.87	235.17
2019_SL	Y367.1	2.82	2.569347	315.53	152.26	321.6
2019_SL	Y370.1	2.29	2.377126	309.33	146.69	337.82
2019_SL	Y372.1	1.64	1.752219	273.17	113.12	289.4
2019_SL	Y372.5	2.04	1.9533	311.74	163.28	380.66
2019_SL	Y373.1	4.71	4.559929	535.51	351.61	723.73
2019_SL	Y374.1	1.61	1.659833	230.96	105.93	178.93
2019_SL	Y376.1	2.66	2.689213	322.36	187.7	417.79
2019_SL	Y378.2	2.81	3.033215	378.61	196.22	405.93
2019_SL	Y380.1	2.33	2.216948	285.53	149.45	296.88
2019_SL	Y382.1	2.97	2.901009	362.08	197.64	455.85
2019_SL	Y383.1	2.37	2.320062	296.51	150.3	314.32
2019_SL	Y384.1	2.39	2.410501	295.47	149.75	331.79
2019_SL	Y384.5	2.38	2.326928	284.03	167.53	391.44
2019_SL	Y386.1	5.43	5.379305	543.85	358.46	781.97
2019_SL	Y387.1	3.14	3.216796	409.84	209.4	430.32
2019_SL	Y388.5	3.88	3.851931	386.6	261.93	561.83
2019_SL	Y389.1	2.93	2.803132	346.95	200.46	456.81
2020_SL	Y2.1	2.75	-	306.09	189.05	371.47
2020_SL	Y3.1	2.46	-	269.34	167.21	374.32
2020_SL	Y5.1	3.13	-	326.51	184.67	335.43
2020_SL	Y7.1	2.12	-	261.66	133.88	251.84
2020_SL	Y8.1	2.6	-	300.36	173.4	341.39
2020_SL	Y9.1	1.94	-	251.44	146.69	290.58
2020_SL	Y10.1	3	-	315.89	201	425.58
2020_SL	Y12.1	2.25	-	270.59	158.96	331.2
2020_SL	Y13.1	1.99	-	230.77	130.07	237.31
2020_SL	Y14.1	1.81	-	237.76	111.67	211.84
2020_SL	Y16.1	2.62	-	314.41	167.37	352.1
2020_SL	Y18.1	2.37	-	281.74	147.64	264.07
2020_SL	Y25.1	2.34	-	284.22	169	302.21
2020_SL	Y26.1	3.15	-	361.11	190.58	442.23
2020_SL	Y29.1	2.99	-	326.14	216.01	426.08
2020_SL	Y30.1	2.54	-	290.44	161.19	307.16
2020_SL	Y31.1	2.68	-	304.38	175.2	314.05
2020_SL	Y34.1	2.28	-	245.99	140.16	201.28
2020_SL	Y35.1	2.34	-	269.41	152.27	263.18
2020_SL	Y36.1	3.82	-	420.53	270.64	505.51
2020_SL	Y37.1	3.36	-	342.51	225.3	379.2
2020_SL	Y38.1	3.77	-	357.7	268.98	460.29
2020_SL	Y40.1	3.88	-	396.41	261.75	503.8
2020_SL	Y41.1	2.29	-	291.25	157.84	317.46
2020_SL	Y42.1	2.59	-	290.86	156.4	278.23
2020_SL	Y46.1	3.77	-	381.63	240.92	409.57
2020_SL	Y48.1	3.79	-	398.67	258.33	504.54

2020_SL	Y55.1	2.48	-	309.44	140.14	235.43
2020_SL	Y57.1	3.47	-	374.9	226.74	414.54
2020_SL	Y59.1	3.13	-	349.33	211.75	388.85
2020_SL	Y64.1	3.28	-	365.82	228.52	434.65
2020_SL	Y65.1	2.09	-	311.98	133.5	273.49
2020_SL	Y67.1	2.65	-	320.76	163.74	249.34
2020_SL	Y73.1	3.04	-	323.9	196.07	385.17
2020_SL	Y73.5	4.02	-	434.63	259.32	497.33
2020_SL	Y74.1	2.21	-	264.01	137.58	305.34
2020_SL	Y74.5	2.82	-	321.34	190.23	345.96
2020_SL	Y78.1	3.84	-	414.44	267.47	527.46
2020_SL	Y81.1	2.82	-	334.25	212.4	381.77
2020_SL	Y93.1	1.77	-	232.13	142.31	260.54
2020_SL	Y94.1	2.78	-	303.43	181.31	357.97
2020_SL	Y96.1	2.95	-	307.29	202.98	388.91
2020_SL	Y97.1	3.56	-	358.27	236.26	427.75
2020_SL	Y98.1	2.84	-	316.18	202.19	403.35
2020_SL	Y99.1	3.25	-	371.11	223.02	408.03
2020_SL	Y103.1	2.24	-	273.62	162.74	308.81
2020_SL	Y107.1	1.29	-	200.1	150.58	305.83
2020_SL	Y110.1	3.28	-	364.41	241.7	491.66
2020_SL	Y111.1	2.16	-	258.76	138.8	243.37
2020_SL	Y112.1	3.97	-	392.45	251.41	462.56
2020_SL	Y115.1	3.29	-	362.04	233.9	428.5
2020_SL	Y118.1	4.8	-	467.82	307.93	604.16
2020_SL	Y123.1	2.22	-	243.51	164.07	287.01
2020_SL	Y128.1	1.55	-	194.47	134.77	237.34
2020_SL	Y129.1	2.83	-	328.45	191.77	341.54
2020_SL	Y149.1	1.32	-	154.84	103.42	186.95
2020_SL	Y150.1	2.75	-	298.29	193.31	385.88
2020_SL	Y151.1	2.6	-	359.51	203.2	438.53
2020_SL	Y159.2	2.69	-	263	185.95	339.39
2020_SL	Y163.1	2.72	-	283.99	179.8	329.64
2020_SL	Y194.1	1.57	-	184.13	119.86	209.58
2020_SL	Y195.1	2.48	-	243.14	171.05	330.32
2020_SL	Y196.1	2.59	-	271.03	170.19	303.99
2020_SL	Y197.1	2.7	-	251.51	176.75	319.18
2020_SL	Y198.1	3.04	-	292.49	217.09	410.31
2020_SL	Y200.1	2.33	-	254.47	139.05	289.03
2020_SL	Y207.1	2.28	-	298.44	146.53	266.09
2020_SL	Y217.1	2.36	-	307.53	158.18	288.06
2020_SL	Y224.1	3.89	-	439.64	249.11	506.37
2020_SL	Y226.3	2.86	-	389.99	194.09	370.05
2020_SL	Y232.1	3.91	-	454.18	247.58	481.63
2020_SL	Y245.1	3.41	-	400.88	224.52	438.79
2020_SL	Y250.1	3.47	-	382.38	247.91	511.56
2020_SL	Y255.1	3.78	-	418.44	249.93	489.67
2020_SL	Y257.1	2.55	-	294.99	166.17	311.99

2020_SL	Y260.1	1.85	-	227.14	98.78	139.84
2020_SL	Y262.1	3.15	-	326.47	215.34	414.91
2020_SL	Y263.1	2.74	-	357.58	217.48	457.72
2020_SL	Y264.1	3.12	-	370.74	214.28	413.19
2020_SL	Y265.1	2.55	-	302.47	176	326.97
2020_SL	Y267.1	2.52	-	291.15	183.1	335.36
2020_SL	Y271.1	3.12	-	363.81	199.2	397.73
2020_SL	Y272.1	3.88	-	401.15	268.77	562.13
2020_SL	Y275.1	3.81	-	403.19	279.06	566.57
2020_SL	Y276.1	2.59	-	313.66	173.84	295.29
2020_SL	Y278.1	2.73	-	293.84	187.47	341.63
2020_SL	Y287.1	2.03	-	264.71	148.82	318.82
2020_SL	Y288.1	3.74	-	378.37	229.06	454.73
2020_SL	Y293.1	1.96	-	265.6	111.87	255.36
2020_SL	Y299.1	1.92	-	257.83	127.08	261.57
2020_SL	Y300.1	2.34	-	260.99	147.2	305.75
2020_SL	Y308.1	2.5	-	298.26	139.19	306.82
2020_SL	Y309.1	2.96	-	327.24	229.34	490.74
2020_SL	Y310.1	2.89	-	317.73	180.17	366.91
2020_SL	Y315.1	2.2	-	246.85	145.1	291.87
2020_SL	Y316.1	1.9	-	255.39	176.09	476.96
2020_SL	Y322.3	1.52	-	218.5	108.35	219.46
2020_SL	Y326.1	2.23	-	200.85	152.05	303.57
2020_SL	Y333.1	3.49	-	429.72	255.77	480.54
2020_SL	Y340.1	2.82	-	276.78	186	360.8
2020_SL	Y349.1	3.19	-	398.1	223.91	450.33
2020_SL	Y355.1	2.04	-	210.13	140.94	247.81
2020_SL	Y359.1	3.57	-	354.01	233.79	456.41
2020_SL	Y363.1	2.44	-	291.81	156.1	290.47
2020_SL	Y378.2	1.96	-	194.04	136.2	267.92
2020_SL	Y382.1	2.96	-	325.41	212.1	433.14
2020_SL	Y383.1	2.1	-	310.81	101.54	221.47
2020_SL	Y384.5	2.07	-	311.95	95.35	240.74

TN	POT	TS	RS	GLU	FRU	SUC
2.66	1.27	14.72	10.2	4.465	2.796	2.979
2.81	1	12.28	8.33	3.363	2.236	1.747
1.98	1.21	28.67	20.35	11.513	8.168	6.774
1.99	1.62	26.9	18.77	10.244	7.42	6.155
2.26	1.93	18.29	11.78	5.132	3.552	4.357
2.16	1.61	26.15	17.18	8.604	6.458	7.329
2.65	1.35	25.13	18.04	7.74	7.78	6.164
2.58	1.31	24.77	18.46	8.859	7.38	5.361
1.86	1.36	33.55	24.71	14.222	10.61	7.074
2.16	1.85	24.47	16.83	8.157	6.701	5.667
1.99	1.78	24.11	15.89	8.31	5.772	6.146
1.94	1.87	26.95	18.01	9.021	6.852	6.584
2.2	1.76	24.52	16.25	8.236	6.279	6.267
1.69	1.76	31.86	25.19	15.015	10.546	5.203
2.48	1.43	22.13	14.57	6.553	5.806	5.275
2.51	1.32	23.13	17.6	7.918	7.123	4.002
1.19	2.27	28.98	23.03	13.706	8.914	3.688
1.69	2.22	28.21	20.91	10.787	8.869	5.516
1.92	1.93	26.75	18.69	9.466	7.76	6.329
1.58	1.67	29.82	22.17	11.977	9.207	6.068
2.15	1.62	22.98	16.69	7.86	6.568	4.265
2.22	1.58	21.48	16.49	7.675	6.611	3.011
2.2	1.36	25.75	18.41	9.044	7.386	5.629
2.35	1.28	25.46	19.59	9.926	8.206	4.232
2.69	1.18	16.25	11.69	4.892	4.544	2.852
2.84	1.06	19.39	15.93	6.453	6.642	1.965
2.17	1.38	26.29	18.38	9.53	7.871	6.172
2.39	1.35	21.38	15.76	7.587	6.488	3.344
2.53	1.34	16.32	12.98	5.1	4.935	1.476
1.86	1.83	29.23	23.44	12.221	9.941	3.926
1.97	1.35	31.06	26.86	15.407	11.726	2.216
1.97	2.04	27.36	21.11	10.526	8.952	4.271
2.13	1.25	30.08	23.76	12.961	10.047	4.562
1.95	1.29	31.19	22.62	13.586	9.027	6.501
2.24	1.39	27.13	20.91	10.561	8.587	5.001
1.95	1.66	29.04	20.35	10.59	8.555	6.617
1.86	1.43	32.04	22.41	13.117	8.983	7.368
2.58	1.39	23	17.11	7.393	7.288	5.521
2.23	1.09	26.77	17.99	9.663	7.19	7.015
2.56	1.75	20.29	13.25	5.955	5.081	5.549
2.43	1.38	24.02	17.77	9.069	7.388	4.526
2.55	1.08	23.25	15.05	6.778	5.694	6.939
2.84	1.03	12.42	7.91	2.834	2.066	2.503
2.8	1.03	18.73	14.49	5.799	5.537	3.223
2.78	1.04	16.72	11.79	4.858	4.364	3.608
2.86	1.09	12.82	7.97	3.096	2.227	3.3
3.22	1	14.8	10.89	3.693	4.024	3.587

2.38	1.69	24.45	18.82	8.483	8.082	4.333
2.14	1.5	29.01	20.42	10.328	8.328	6.534
1.83	1.52	28.79	18.54	10.182	7.201	8.386
2.11	1.35	31.02	20.17	11.406	8.375	8.884
2.11	1.28	25.8	17.73	8.827	6.891	5.988
2.62	1.14	23.22	17.99	8.717	7.145	3.782
1.32	1.54	33.77	24.36	14.304	9.765	7.964
1.29	1.33	40.9	30.44	21.041	12.492	8.995
1.59	1.67	28.53	23.52	14.007	9.765	3.868
1.79	1.84	29.3	21.36	12.15	8.939	6.109
2.06	1.26	26.28	19.44	11.052	7.664	5.22
2	1.24	30.04	20.39	12.407	8.058	7.616
1.4	1.41	32.58	24.07	14.819	9.499	6.822
1.49	1.22	36.61	25.88	17.353	10.129	9.144
2.11	1.15	30.2	21.63	12.297	9.14	7.505
1.9	1.09	32.24	20.82	12.711	7.859	9.252
1.29	1.36	39.61	29.32	19.378	11.748	8.541
2.07	1.23	29.01	19.26	10.669	7.683	8.8
2.77	1.36	21.17	14.93	6.388	6.149	4.74
1.84	1.26	31.49	21.84	13.016	8.523	8.013
1.65	1.56	28.74	17.44	9.098	5.864	9.988
2.08	1.27	30.55	20.9	12.098	8.605	8.071
2.22	1.34	22.73	16.24	7.96	5.936	5.072
2.04	1.48	29.51	21.86	13.123	8.432	6.425
2.34	1.34	26.75	18.62	10.086	7.416	6.461
2.87	1.03	21.54	16.03	6.99	6.09	4.097
1.98	1.52	28.49	18.79	10.206	7.348	7.341
1.95	1.18	34.63	25.22	16.036	9.576	7.297
1.94	1.2	28.92	21.78	11.723	8.395	5.327
2.26	1.33	26.4	16.55	8.684	6.286	8.003
1.83	1.92	24.71	18.8	8.613	7.803	3.453
1.84	1.54	34.45	25.42	15.22	10.248	7.331
1.65	1.49	36.09	26.68	16.876	10.675	8.045
1.56	1.36	32.02	24.51	14.701	9.942	5.476
1.66	1.52	35.04	24.46	15.927	9.705	8.758
1.86	1.55	34.44	24.55	15.323	9.865	8.418
2.75	1.03	18.14	12.48	5.422	4.623	3.741
1.98	1.59	31.15	22.31	12.8	9.048	6.909
2.07	1.46	31.36	22.15	12.179	9.131	7.356
1.78	1.11	34.51	25.64	15.792	10.025	7.16
1.52	1.61	36.45	24.7	16.488	9.544	10.194
1.88	1.5	31.45	22.33	13.15	9.155	7.389
2.53	1.82	26.54	20.04	10.515	8.098	5.133
2.18	1.33	28.28	19.91	10.485	8.118	6.041
2.04	1.45	27.63	19.47	10.915	7.494	5.968
2.6	1.4	21.82	15.12	6.634	5.877	4.572
2.03	1.21	29.12	19.95	11.762	7.543	7.033
2.05	1.47	29.76	22.18	11.531	9.146	5.442

2.37	1.63	24.25	20.56	9.495	8.455	2.444
1.95	1.58	29.93	22.13	12.474	9.514	5.557
2.17	1.46	26.8	18.84	10.204	7.385	6.325
1.84	1.23	31.2	23.61	14.294	9.439	5.281
2.13	1.7	24.75	16.63	7.963	6.412	6.321
2.36	1.24	25.15	17.37	8.637	7.109	6.004
2.35	1.2	26.72	19.2	10.247	7.021	6.266
2.29	1.26	22.35	16.33	8.189	5.973	4.329
2.01	1.46	23.23	15.79	7.958	5.889	5.476
2.52	1.45	22.55	17.04	7.673	6.992	3.956
2.01	1.2	33.53	23.44	14.152	9.304	8.263
2.49	1.32	23.13	15.37	7.88	5.919	6.338
2.12	2.07	24.76	20.52	9.973	8.666	3.175
1.93	1.05	32.68	24.93	14.173	10.124	6.338
1.87	1.24	33.67	22.28	12.762	8.403	9.788
1.82	1.49	32.63	24.64	14.594	9.872	6.319
1.75	1.37	31.88	24.2	13.528	10.155	5.374
1.47	1.28	31.34	24.88	15.026	9.797	4.42
1.57	1.17	36.77	30.23	18.877	12.679	5.17
1.6	1.39	37.36	30.1	19.211	12.217	6.433
1.45	1.4	30.13	23.35	14.433	9.514	4.706
2.01	1.34	29.83	23.36	12.618	9.67	4.849
1.5	1.45	29.92	21.92	11.862	8.935	5.676
1.88	1.62	27.79	18.93	10.156	7.355	7.082
2.23	1.51	22.17	18.24	9.141	7.65	1.829
1.65	1.52	30.31	22.61	12.645	9.096	6.041
2.11	1.46	24.86	17.93	8.483	6.833	5.092
1.9	1.48	27.23	20.21	10.118	8.096	4.347
1.72	1.69	29.03	18.87	10.754	7.248	7.875
2.27	1.32	27.29	20.34	10.167	8.213	5.13
2.08	1.45	28.19	20.5	11.362	8.565	6.199
2.63	1.29	22.58	19.16	8.722	7.738	2.279
1.65	1.36	31.69	25.06	14.514	10.181	5.097
1.51	1.87	30.98	24.41	14.562	10.502	5.619
1.96	1.36	28.25	21.47	11.833	9.269	5.699
1.49	1.68	29.97	23.81	14.042	10.183	4.768
1.75	1.87	26.32	21.24	11.633	9.05	3.836
2.09	1.53	29.14	20.83	10.916	8.979	7.498
1.66	1.58	33.41	26.29	16.821	10.93	6.243
2.13	1.06	28.03	22.93	11.516	9.201	3.394
1.35	1.67	35.82	27.18	17.237	11.392	7.122
2.25	1.48	26.51	21.76	10.808	9.345	3.671
2.2	1.21	26.73	20.38	10.289	8.287	4.796
1.83	1.17	28.26	22.24	12.199	8.577	4.405
1.94	1.12	30.05	22.37	12.309	9.033	5.615
1.44	1.52	23.72	18.39	8.918	6.538	3.117
2.21	1.52	27.44	21.3	11.235	9.261	4.4
1.4	1.55	28.72	20.57	10.667	7.963	5.879

1.56	1.3	33.18	24.12	14.426	9.425	7.392
1.55	1.51	28.71	23.66	13.472	10.076	2.958
1.43	1.4	33.24	25.45	14.798	9.772	6.435
1.3	1.48	34.8	26.04	16.199	10.434	7.152
1.94	1.31	29.94	20.33	12.595	7.939	7.607
2.07	1.25	24.15	18.36	9.219	7.115	3.771
1.45	1.13	32.33	25.74	15.867	10.078	4.93
1.5	1.79	28.17	20.12	10.712	8.257	5.88
1.74	1.56	25.34	21.3	10.658	8.373	2.397
1.71	1.36	32.25	24.92	15.174	9.674	5.906
1.95	1.7	27.64	20.02	11.067	7.81	5.842
1.46	1.47	30.11	22.19	12.589	8.721	6.442
1.75	1.88	24.46	18.56	10.028	7.477	3.859
1.9	1.78	24.6	17.82	8.853	7.345	5.195
1.55	1.14	32.69	24.76	14.61	9.364	6.323
1.34	1.85	33.96	23.98	14.5	10.341	8.824
1.25	1.45	29.89	24.07	14.088	9.554	4.714
1.33	1.35	31.1	21.3	12.471	8.029	8.218
1.47	1.34	34.19	28.08	16.698	11.886	4.643
1.31	1.88	26.17	18.95	8.983	7.216	5.154
1.75	1.75	24.27	18.15	9.08	7.03	3.905
2.02	1.26	26.44	20.7	10.726	8.14	3.906
1.9	2.04	28.88	22.32	11.843	9.747	5.183
1.89	1.57	28.4	20.47	11.05	8.266	6.183
1.57	1.47	27.84	21.16	11.238	8.547	4.867
2.01	1.28	25.19	18.38	9.26	7.488	4.325
1.4	1.33	32.24	23.15	14.415	8.937	7.117
1.71	1.76	27.03	19.82	10.342	7.853	5.318
1.79	1.41	34.23	26.68	16.793	11.331	6.406
1.86	1.52	28.08	21.9	11.969	8.427	4.259
1.55	1.71	26.26	20.9	11.791	7.932	4.061
1.5	1.74	31.54	23.95	13.47	9.379	6.339
1.35	1.76	33.33	26.03	15.337	10.771	5.931
2.36	1.2	29.52	23.15	13.074	9.327	5.424
1.76	1.41	31.51	24.19	14.028	9.602	6.942
1.28	1.2	32.85	28.41	19.516	11.085	2.983
1.81	1.66	32.29	22.84	13.793	9.49	8.418
1.24	1.18	34.71	25.52	15.955	9.307	9.021
1.73	1.55	26.12	22.39	10.883	9.477	2.171
1.55	1.79	26.43	20.26	10.47	8.083	4.672
1.96	1.42	31.41	22.3	13.387	9.344	7.61
1.6	1.8	27.74	19.77	10.492	8.104	6.466
2.25	1.42	19.45	14.73	6.513	5.56	2.455
2.56	1.53	17.54	14	6.198	5.479	1.774
2.29	1.19	21.75	16.53	7.858	7.269	3.331
2.43	1.58	15.16	12.12	5.102	4.536	0.915
1.95	1.48	31.06	22.53	13.023	9.096	6.905
2.88	1.57	18.32	15.01	6.068	6.044	1.587

2.45	1.62	10.92	7.92	2.732	1.489	0.375
2.61	0.96	17.32	14.09	5.513	5.164	2.378
2.1	1.28	19.67	15.14	6.716	5.479	1.491
2.41	1.15	20.65	17.61	8.342	7.166	1.525
2.18	1.72	24.44	18.35	9.291	7.907	4.878
2.21	1.64	26.06	19.44	9.805	8.255	5.3
2.24	1.65	26.98	20.03	10.524	8.319	6.365
2.13	1.36	23.25	16.68	7.764	6.653	4.385
2.36	1.6	23.1	17.89	8.029	7.964	3.664
1.83	1.51	28.91	19.97	10.874	8.387	7.11
1.75	1.62	29.82	21.26	12.226	8.837	7.157
1.86	1.44	28.94	20.58	11.298	8.657	6.823
2.06	1.81	27.24	19.97	10.413	8.361	5.86
2.43	1.65	24.08	18.52	8.882	7.708	4.04
1.72	2.21	25.23	17.89	8.691	7.514	5.271
1.63	1.81	31.06	24.31	14.747	10.043	5.395
1.38	2.16	32.51	24.89	15.492	10.028	6.33
2.07	1.74	30.21	20.23	10.607	8.333	8.703
2.2	1.32	27.28	16.76	8.46	6.347	9.248
2.11	1.52	29.75	21.19	11.351	8.74	7.093
2.16	1.35	26.2	18.25	8.949	7.027	6.535
2.39	1.45	24.29	17.11	8.234	6.755	5.918
2.27	1.23	27.58	18.14	8.59	7.136	7.808
2.86	1.31	15.74	9.98	4.319	3.353	4.417
2.62	1.42	20.55	14.43	6.902	5.806	5.032
2.81	1.5	17.76	11.44	4.189	4.068	4.862
3	0.88	11.57	7.42	3.256	1.913	2.555
3	1.07	12.89	8.82	3.433	2.59	2.381
2.69	1.39	20.32	15.44	6.75	6.573	3.734
3.21	1.83	8.16	6.14	2.769	1.514	0.063
2.26	1.46	25.93	16.74	8.58	6.905	7.037
2.31	1.58	27.06	19.04	9.49	7.918	6.697
2.32	1.58	23.67	17.48	8.411	7.242	4.87
1.76	2.43	23.18	18.17	7.569	7.871	3.756
1.99	1.78	22.57	16.14	7.575	6.859	4.688
2.18	1.72	23.91	17.41	8.13	6.865	4.355
2.15	1.36	29.75	23.02	12.207	9.672	4.849
1.66	1.75	30.74	21.68	11.702	8.922	7.171
2.59	1.49	19.69	14.18	5.766	5.993	4.218
2.62	2.13	16.4	10.79	3.536	3.588	3.888
2.78	1.52	15.62	10.78	4.117	3.848	3.149
2.69	1.38	19.66	15.35	6.179	6.14	2.724
2.74	1.04	19.56	14.81	7.014	5.575	3.096
2.74	1.47	18.35	13.79	5.501	5.169	3.115
2.66	1.42	16.34	11.13	4.52	3.953	2.843
1.98	2.04	20.89	16.98	7.88576069	7.317	2.298
1.29	1.68	32.75	29.49	14.8600492	13.406	1.575
1.5	2.05	28.93	23.17	11.0675882	10.721	3.115

1.42	2.35	28.52	25.73	12.7721429	11.601	1.787
1.54	2.8	30.54	25.62	12.4372746	11.292	4.514
1.29	2.12	32.88	28.61	15.2417188	12.168	3.877
1.74	2.31	26.73	23.96	10.9258998	11.04	1.761
1.76	2.32	24.56	22.23	10.6004291	10.172	1.395
1.88	1.81	30.02	25.73	12.2120591	12.08	2.443
1.35	1.99	33.09	28.49	15.0892188	12.755	3.55
1.47	2.52	31.35	26.76	13.9702304	11.711	3.514
1.57	2.73	28.51	24.26	11.8581618	10.955	2.808
1.53	2.95	29.18	25.42	12.2424415	11.925	2.492
1.7	2.12	24.57	22.17	9.97119731	9.9	0.82
1.54	2.95	25.18	20.47	9.45665395	8.938	2.893
1.67	2.04	27.42	23.96	12.4524915	10.585	1.939
1.32	2.35	29.13	25.55	12.7734371	11.357	1.802
1.82	2.32	27.17	24.47	11.5561852	11.112	1.847
1.62	2.52	21.85	18.38	8.90153423	8.213	1.575
1.92	1.99	21.94	18.98	8.94416727	8.368	1.351
2.06	2.77	19.68	15.58	5.92381121	6.533	2.707
1.57	2.72	27.73	25.22	12.5668527	11.388	1.477
1.3	2.22	34.12	31.74	15.8707544	14.476	1.89
1.59	2.04	27.73	24.82	12.1205334	11.762	0.496
1.8	1.93	25.5	22.3	10.2028437	10.427	0.856
1.46	2.06	31.24	28.21	13.3686021	12.25	1.777
1.36	2.84	27.69	25.46	11.9891835	11.513	1.164
1.48	3	27.46	24.16	11.6970808	10.911	2.105
2.18	2.33	19.18	16.47	6.64759339	7.946	0.764
1.82	2.1	26.32	23.58	11.1460767	10.925	0.483
1.91	2.63	23.01	20.92	9.11299401	9.784	0.031
2.09	2.2	23.11	18.52	8.36325505	8.316	2.645
1.84	2.43	26.9	23.8	11.1644545	10.886	1.948
1.73	2.12	26.38	22.48	10.506762	10.306	1.604
1.85	1.59	31.96	27.41	14.350638	11.79	3.057
1.7	2.43	27.35	23.98	11.1509431	10.812	1.891
1.74	2.22	27.66	22.85	10.6447191	10.443	3.338
1.79	2.07	28.91	24.54	12.8273686	11.496	2.459
1.35	1.97	31.78	26.1	14.4471935	11.174	3.625
1.52	1.83	29.97	26.62	13.0061723	11.575	1.923
1.37	2.5	28.97	25.37	12.9034855	11.544	2.18
1.68	1.61	29.79	26.42	13.0369235	11.658	0.925
2.01	2.52	20.32	16.39	7.5178377	7.551	3.686
1.76	2.38	28.7	26.02	12.7280941	11.956	2.104
2.01	1.65	28.14	24.28	12.484913	11.005	2.576
1.87	2.39	27.96	24.58	11.5096359	11.466	1.893
1.7	2.14	31.58	26.44	13.3804496	11.886	2.912
1.86	2.87	20.71	18.48	7.96723192	8.639	0.446
1.92	2.25	20.51	17.87	6.85573047	7.918	0.621
1.54	2.58	29.89	27.19	12.9092856	12.58	1.684
1.66	2.22	30.41	27.47	13.7752755	12.174	1.996

1.62	2.44	29.28	26.77	13.33571	12.152	1.127
2.02	2.19	24.01	21.38	9.63941811	9.472	1.02
1.75	2.1	20.68	17.8	7.44453276	7.926	0.896
1.47	2.41	29.43	27.22	13.1875326	12.661	0.921
1.72	2.3	25.64	23.38	10.5124215	10.672	0.87
2	2.55	23.3	20.7	9.34506399	9.671	1.11
1.94	1.9	24.2	21.24	9.51254831	9.807	0.659
2.04	2.18	21.45	18.2	8.16754441	8.639	0.566
1.68	1.95	27.27	23.56	10.5730647	10.758	2.721
1.61	1.7	30.97	28.15	13.4674448	12.632	1.44
1.58	2.44	26.6	24.14	11.4305033	11.341	1.292
1.53	2.02	30.68	27.71	14.3508377	12.101	1.52
0.99	1.5	37.88	32.45	18.1258122	13.997	3.957
1.59	2.62	27.25	24.91	11.4846077	11.723	1.162
1.47	1.53	31.64	28.74	13.7876354	13.044	0.041
1.55	2.06	30.07	27.28	13.3569983	12.567	0.88
1.6	2.57	25.03	21.09	9.63738479	9.215	2.59
1.95	2.73	18.81	15.72	7.48669892	6.685	2.152
2.08	2	22.29	20.04	9.69629784	8.97	0.903
2.1	2.15	23.95	22.1	11.4251811	9.917	0.224
1.78	1.83	29.89	26.12	12.9846427	11.823	1.45
1.39	2.07	29.12	26.31	13.8846804	11.448	1.265
1.86	2.5	22.86	20.56	10.6113202	9.179	1.483
1.76	2.26	29.71	27.18	13.3282892	12.264	1.176
1.57	1.44	36.23	34.5	17.9740467	14.831	0.645
1.58	1.6	33.86	30.37	16.7342935	13.322	2.253
1.38	2.24	30.87	27.81	14.3747631	12.476	1.954
1.68	1.89	33.73	30.15	15.8145515	13.425	2.042
1.51	2.08	31.35	28.65	15.2886884	12.527	0.7
1.23	1.79	33.75	29.34	15.9484577	12.535	1.959
1.44	2.34	30.48	26.23	13.9567528	11.572	3.491
1.3	2.12	33.19	29.65	15.4273338	12.929	2.545
1.45	2.44	27.33	22.7	10.7748485	9.994	3.06
1.34	1.99	34.33	28.46	15.5629482	12.472	5.056
1.26	1.77	34.38	29.83	16.529427	13.037	3.071
1.37	2	30.13	27.06	13.5018889	11.802	1.741
1.15	2.16	34.49	28.3	14.9838015	12.618	4.661
1.14	2.45	33.61	29.12	15.2048373	12.874	3.872
1.64	2.49	26.8	24.08	11.1175024	10.695	1.726
1.88	1.11	34.82	29.73	15.9914879	13.096	2.928
1.45	2.02	27.86	22.97	12.1517852	10.059	2.933
1.64	2.2	28.78	25.79	13.1344517	11.335	1.481
1.41	1.37	37.33	30.94	17.6869467	13.537	5.038
1.27	2.24	30.75	24.8	13.0173805	10.764	4.129
1.52	2.08	30.16	26.98	13.2544243	12.305	2.271
1.69	1.77	32.57	28.29	14.6988752	12.795	3.307
1.69	2.22	25.05	21.47	10.2775347	8.887	1.539
1.62	2.01	27.61	23.89	12.356565	10.19	1.991

1.41	2.3	30.07	25.47	12.8757803	11.048	3.385
1.69	1.91	29.03	25.33	13.5816862	11.166	2.15
1.43	1.73	35.18	31.76	18.3049576	13.783	2.49
1.76	1.53	33.02	30.21	16.4476851	13.004	1.448
1.85	2.27	27.17	23.79	12.0102199	10.519	2.009
1.67	2.47	23.92	21.14	10.2298424	9.504	1.632
1.63	2.05	25.01	20.46	10.9239069	8.42	3.094
1.96	1.46	31.69	28.75	15.7288595	12.333	1.975
1.59	2.82	21.83	17.8	8.64897482	7.384	2.898
1.53	2.25	30.89	27.67	15.7525329	12.556	2.882
1.59	2.24	34.86	30.08	15.8710753	13.653	3.444
1.38	2.92	31.31	25.57	13.2590726	11.086	4.692
1.67	1.62	31.79	25.35	13.5444477	11.264	4.836
1.42	2.6	29.63	25	14.074588	10.69	3.095
1.73	2.41	20.07	15.73	7.00583416	6.136	2.739
1.56	2.58	25.06	21.85	10.5215659	9.789	1.881
1.47	2.52	31.73	27.34	14.7162686	12.247	3.264
1.39	1.74	33.29	29.86	16.825369	13.174	1.842
1.63	2.35	30.23	26.45	14.4069856	11.469	3.011
1.51	2.91	25.52	20.89	9.95308752	9.09	3.876
1.77	2.28	24.94	22.21	10.460192	9.493	1.393
1.3	2.85	30.84	26.67	13.1109881	11.702	3.367
1.5	2.06	35.5	31.74	16.2602509	13.963	3.04
1.47	2.19	30.47	26.61	13.541959	11.928	2.488
1.13	2.41	32.63	26.07	14.6356256	10.997	5.087
1.81	1.85	24.56	22.09	10.0603153	9.519	0.953
1.32	1.29	32.77	29.54	15.8830415	12.796	1.21
1.82	1.48	31.79	28.7	15.5684842	12.733	0.547
1.65	2.02	26.12	23.04	11.4982319	9.639	1.662
1.62	1.74	36.15	32.19	16.979977	14.381	2.454
1.45	2.19	30.64	25.21	13.0269999	10.83	4.194
1.56	1.68	34.39	30.8	16.2650025	13.4	2.047
1.24	2.13	34.21	31.03	15.5102951	13.701	1.996
1.68	1.92	29.26	26.17	13.6470824	12.2	1.247
1.56	1.65	37.7	32.38	17.4508225	14.238	4.207
1.26	1.74	37.35	31.29	21.5086653	13.137	4.069
1.43	2.15	35.05	31.09	21.0060899	13.442	2.388
1.52	2.22	30.26	27.21	16.909749	12.703	1.641
1.61	2.14	25.66	21.25	12.9631152	9.156	3.252
1.52	2.02	32.13	28.11	18.2311913	12.086	2.126
1.72	2.31	26.6	22.52	13.2045482	9.881	1.83
1.76	1.55	32.02	29.25	19.1201179	12.675	1.362
1.68	2.46	22.02	18.82	8.13809666	8.489	1.094
1.71	2.26	23.98	19.61	11.4398354	8.512	2.621
1.81	1.71	30.97	25.49	16.6181574	10.749	3.628
1.73	1.22	33.46	28.8	17.8376671	13.123	3.312
1.66	1.89	29.35	26.54	16.8296584	11.255	1.536
1.38	2.07	31.23	26.49	16.9517832	11.688	2.471

1.46	2.19	27.18	23.07	11.7163986	10.576	1.949
1.49	2.92	24.55	22.04	13.0812295	9.631	0.897
1.34	2.53	31.42	26.75	17.1811041	12.018	3.869
2.05	1.49	24.37	20.53	9.46623401	9.208	1.235
1.9	2.22	24.63	22	12.9039898	9.715	1.268
1.09	2.4	32.27	28.37	19.0624148	11.991	2.687
1.78	2.4	30.09	26.27	16.1764513	11.972	2.624
1.9	1.96	27.37	23.95	13.5448956	10.998	2.271
1.38	2.48	31.12	27.65	16.5601817	11.974	3.033
1.39	2.86	24.36	19.28	11.8990319	7.842	3.348
1.71	1.98	29.98	26.53	13.0916068	11.66	1.695
1.26	2.02	31.11	26.16	13.2718261	12.191	3.626
1.32	2.35	29.26	25.64	15.4581274	11.113	2.258
1.2	2.02	36.64	30.63	21.1988828	13.425	4.597
1.58	1.91	30.43	27.11	17.0685778	11.811	1.51
1.43	2.04	30.53	25.36	16.0716315	10.907	3.636
1.56	2.61	24.33	20.79	12.1125124	9.134	2.074
1.51	2.54	25.45	22.14	12.2511857	9.912	1.776
1.83	2.39	25.12	21.59	10.0406395	9.745	1.982
1.41	2.28	30.2	26.06	16.0558897	11.555	2.793
1.78	2.84	22.04	18.14	10.7026991	7.343	2.57
1.15	2.33	33.62	29.21	19.4109633	12.894	3.228
1.3	2.75	32.27	28.02	11.2150774	12.521	2.384
1.41	2.33	29.89	25.24	18.5939646	11.2	2.933
2.11	2.03	20.91	18	7.75412823	8.181	1.085
1.6	2.43	22.49	18.73	12.9016383	7.701	2.25
1.41	2.56	27.14	22.77	15.5642663	9.641	3.076
1.67	2.33	28.84	23.82	17.3253051	10.102	3.68
1.61	1.6	32.03	27.46	19.5288492	12.206	2.938
1.54	1.32	34.07	29.12	22.0850967	12.424	2.995
1.38	1.71	34.36	29.34	22.4594093	12.631	2.857
1.61	2.2	24.68	22	15.1832311	9.58	0.864
1.64	2.57	26.17	23.52	10.5198207	10.433	1.717
1.59	2.19	24.12	20.46	15.4062521	8.638	2.129
1.78	2.16	22.3	20.01	11.7792501	9.188	0.671
1.75	2.14	24.45	21.21	14.7024178	9.013	2.12
1.41	1.95	31.38	28.87	14.8138559	12.826	1.577
1.48	1.74	31.3	27.06	19.9359661	11.992	2.294
1.54	1.79	29.58	27.5	20.6567919	11.911	0.642
1.61	2.47	25.36	22.4	16.1550942	9.552	1.723
1.71	2.16	20.61	16.79	10.7983284	6.745	2.674
1.77	2.33	25.37	23.08	13.3910581	10.404	0.691
1.52	2	31.95	28.04	13.9808759	12.831	2.214
1.29	1.43	33.6	31.23	22.0950438	13.84	0.906
1.88	2.16	19.14	16.64	10.6446137	6.632	0.588
1.31	1.71	31.64	27.87	20.4958621	12.212	1.307
1.45	2.17	26.14	21.48	13.1680593	9.159	2.263
1.42	1.82	31.39	28.79	16.2082035	12.966	1.114

2.26	1.93	24.58	22.11	9.11577901	10.606	0
2.24	1.65	22.77	20.36	9.71972901	9.505	0
1.6	2.32	31.38	28.17	13.9329851	12.91	2.229
1.63	1.97	30.78	26.69	13.4665117	11.934	2.562
1.97	2.38	25.14	22.98	9.76438299	10.683	0.547
1.48	1.8	31.78	27.18	14.1467699	12.101	2.897
1.43	2.24	28.57	25.39	12.7067858	11.436	1.449
1.89	1.79	25.49	22.22	10.3561355	9.923	0.78
1.73	2.59	23.44	20.06	8.97998327	8.992	2.067
1.73	1.6	32.1	29.03	14.1961697	13.03	1.204
1.46	2.63	29.49	25.36	11.7596007	11.526	3.19
1.77	2.23	29.03	25.97	12.6802165	11.774	1.607
1.93	1.92	23.27	21.02	11.9166979	9.667	0.185
1.56	1.64	29.65	24.91	12.8477309	10.994	2.135
1.34	1.72	34.79	28.57	14.7366714	12.978	4.529
1.62	2.52	28.51	24.87	11.6173101	11.169	1.831
1.54	2.51	23.71	21.07	9.67093152	9.213	1.312
1.69	2.13	30.36	26.83	13.1756717	12.26	1.567
1.49	1.84	32.28	28.63	14.6240037	13.127	1.761
1.44	2.55	29.24	25.29	12.5047834	11.664	2.78
1.7	2.22	24.91	20.94	9.9224474	9.087	2.35
2.41	2.07	18.72	16.89	7.49130317	7.674	0.679
1.64	2.99	22.67	19.44	8.74648316	8.665	2.086
2.29	2	19.44	16.63	6.67845196	7.507	0.93
1.43	1.94	32.75	27.32	13.8471834	12.654	3.448
1.93	2.43	23.23	20.61	8.88773671	9.612	1.111
1.45	2.04	31.94	28.34	13.7778685	13.187	1.505
1.53	1.76	32.2	29.17	15.6978048	13.261	1.014
1.49	2.54	27.08	23.75	11.5309841	10.614	2.026
1.65	2.7	26.17	24.05	10.4677798	11.327	1.115
1.78	2.84	21.9	19.83	9.10105763	9.079	2.05
1.63	2.85	25.32	23.19	10.4894437	10.622	0.704
2.08	1.56	27.63	25.29	11.4409117	11.674	0.347
1.48	2	30.6	26.19	12.9660472	11.874	2.294
1.46	1.65	30.72	28.13	13.8237792	12.432	1.41
1.52	2.37	28.75	26.53	13.7473999	11.779	1.405
1.6	1.84	32.55	30.42	15.4827446	13.784	1.577
1.58	2.34	28.78	26.41	12.872996	12.079	1.108
1.56	1.55	31.34	27.84	14.5147199	12.136	2.549
1.63	1.66	28.72	25.64	13.0684482	11.292	1.082
1.42	2.2	33.29	30.09	15.5216913	13.82	2.017
2.2	1.69	22.22	16.97	-	-	-
2.54	1.63	19.19	15.3	-	-	-
2.58	1.63	19.39	14.83	-	-	-
2.4	1.44	24.99	19.99	-	-	-
2.18	1.59	26.46	21.19	-	-	-
2.38	1.94	18.29	14.85	-	-	-
2.21	1.44	24.41	18.01	-	-	-

2.6	1.96	15.47	10.94	-	-	-
2.61	1.42	22.28	17.84	-	-	-
2.75	1.34	17.72	14.29	-	-	-
2.41	1.55	23.22	18.46	-	-	-
3.09	1.7	16.02	12.71	-	-	-
2.76	1.51	17.58	13.67	-	-	-
2.52	1.11	19.22	14.57	-	-	-
2.9	1.47	16.47	12.69	-	-	-
3.05	1.45	15.26	12.12	-	-	-
2.88	1.34	17.03	13.15	-	-	-
2.63	1.24	18.67	12.68	-	-	-
2.67	1.47	17.54	12.29	-	-	-
2.6	1.77	21.52	15.49	-	-	-
2.72	1.95	21.21	14.34	-	-	-
2.61	1.22	19.56	14.62	-	-	-
2.28	1.99	20.96	15.21	-	-	-
2.81	1.73	10.26	8.43	-	-	-
2.42	1.24	19.91	14.44	-	-	-
2.1	1.6	24.37	17.41	-	-	-
2.36	1.51	21.35	16.19	-	-	-
2.89	1.62	18.07	14.01	-	-	-
2.61	1.38	18.98	13.25	-	-	-
2.45	1.57	18.47	13.84	-	-	-
2.12	1.31	25.4	19.51	-	-	-
1.88	1.4	28.96	24.11	-	-	-
3.13	1.4	11.62	9.86	-	-	-
2.35	1.34	28.96	20.7	-	-	-
2.55	1.41	22.57	16.78	-	-	-
2.45	1.69	23.95	16.77	-	-	-
2.81	1.68	16.41	12.71	-	-	-
2.71	1.5	18.92	13.42	-	-	-
2.1	1.32	30.55	21.96	-	-	-
2.92	1.44	16.01	12.77	-	-	-
2.58	1.8	20.66	15.87	-	-	-
2.76	1.14	16.82	12.86	-	-	-
2.1	1.3	26.29	20.32	-	-	-
2.57	1.44	19.03	15.95	-	-	-
2.49	1.13	23.5	17.62	-	-	-
3.05	1.09	16.68	11.47	-	-	-
2.64	1.63	20.17	16.08	-	-	-
2.6	0.82	18.46	14.57	-	-	-
2.39	1.15	22.26	17.35	-	-	-
2.8	1.14	20.87	17.63	-	-	-
2.48	1.62	22.88	16.58	-	-	-
2.67	1.41	20.78	18.46	-	-	-
2.68	1.34	21.23	18.3	-	-	-
2.81	1.64	17.79	13.2	-	-	-
2.57	1.55	15.3	13.41	-	-	-

3.23	1.52	12.51	10.78	-	-	-
3.33	1.54	8.89	8.27	-	-	-
3.41	2.09	7.48	6.84	-	-	-
3.33	1.93	8.77	6.81	-	-	-
4.35	2.27	0.7	0.67	-	-	-
3.25	1.44	7.21	6.8	-	-	-
3.23	1.58	5.08	5.95	-	-	-
3.25	1.83	9.57	9.19	-	-	-
2.68	1.59	14.32	13.07	-	-	-
2.91	1.4	10.68	10.09	-	-	-
2.74	1.77	16.49	13.84	-	-	-
2.68	1.2	16.81	14.11	-	-	-
2.31	1.34	22.25	19.78	-	-	-
2.66	1.74	15.98	14.59	-	-	-
2.95	1.5	13.03	10.86	-	-	-
2.94	1.25	13.4	11.65	-	-	-
2.32	1.33	23.19	18.51	-	-	-
2.22	1.13	25	21.07	-	-	-
2	1.97	24.95	20.57	-	-	-
2.44	1.37	19.18	16.82	-	-	-
2.33	1.16	22.96	18.58	-	-	-
2.58	1.18	19.21	14.09	-	-	-
2.8	1.19	18.27	14.99	-	-	-
2.64	1.62	14.95	11.97	-	-	-
3.02	1.47	8.27	7.58	-	-	-
2.95	1.59	15.51	13.45	-	-	-
2.28	0.97	24.67	19.82	-	-	-
2.35	1.5	19.77	13.7	-	-	-
2.13	1.12	26.52	20.87	-	-	-
2.72	1.7	20.21	16.89	-	-	-
2.54	1.18	17.94	14.35	-	-	-
3.13	1.61	12.78	10.15	-	-	-
3.06	0.9	9.81	7.84	-	-	-
2.83	1.16	15.51	13.12	-	-	-
2.85	1.29	14.88	12.76	-	-	-
2.9	1.44	23.07	18.39	-	-	-
2.88	1.25	17.32	13.09	-	-	-
3.26	1.42	8.87	6.44	-	-	-
2.78	1.61	20.34	14.67	-	-	-
2.8	1.17	15.47	12.56	-	-	-
3.02	1.47	11.85	9.07	-	-	-
3.22	1.45	8.14	5.75	-	-	-
2.73	1.7	14.15	10.61	-	-	-
2.81	1.47	18.41	11.37	-	-	-
2.49	1.9	24.75	19.87	-	-	-
2.51	1.19	24.09	22.9	-	-	-
2.25	1.3	22.01	18.09	-	-	-
2.88	2.03	11.44	10.28	-	-	-

2.77	1.85	15.79	15.15	-	-	-
2.66	1.32	20.48	18.16	-	-	-
2.21	1.04	25.76	22.41	-	-	-
2.39	1.01	20.76	18.14	-	-	-
2.25	1.18	25.67	24.31	-	-	-
2.32	1.23	26.77	22.35	-	-	-
2.25	1.27	24.71	20.49	-	-	-
2.65	1.09	20.1	17.78	-	-	-
2.5	1.66	22.24	18.04	-	-	-
2.29	0.9	20.31	17.99	-	-	-
2.76	0.98	22.29	18.24	-	-	-
2.43	1.81	17.13	15.29	-	-	-
2.11	1.24	29.66	25.78	-	-	-
2.61	1.39	23.14	21.08	-	-	-
3.07	1.6	15.06	13.98	-	-	-
2.54	1.65	19.26	17.35	-	-	-
2.43	1.68	19.52	17.3	-	-	-
2.4	1.66	21.59	19.3	-	-	-
2.96	1.8	14.49	13.91	-	-	-
2.71	1.55	17.55	15.73	-	-	-
2.74	1.99	18.33	16.71	-	-	-
2.82	1.84	17.07	16.06	-	-	-
2.86	1.78	12.91	12.07	-	-	-
2.71	1.19	17.48	16.99	-	-	-
2.68	1.45	19.59	17.16	-	-	-
3.06	1.22	16.52	16.02	-	-	-
2.31	1.43	18.02	16.25	-	-	-
2.56	1.05	23.25	20.94	-	-	-
3.01	1.45	17.32	16.54	-	-	-
2.16	1.34	23.19	20.46	-	-	-
2.39	0.79	23.74	20.86	-	-	-
2.63	1.26	20.7	19.34	-	-	-
2.84	1.72	18.03	16.03	-	-	-
2.55	1.07	23.91	21.38	-	-	-
2.67	1.11	22.36	20.52	-	-	-
2.17	1.04	26.32	23.8	-	-	-
2.69	1.69	18.14	17.12	-	-	-
2.67	1.5	19.27	16.06	-	-	-
2.58	1.27	20.45	17.96	-	-	-
3.03	2.03	12.11	11.26	-	-	-
2.37	1.32	17.71	14.79	-	-	-
2.27	1.1	21.64	18.69	-	-	-
2.48	1.25	22.52	20.52	-	-	-
2.83	1.75	14.49	12.46	-	-	-
2.95	1.59	14.69	13.29	-	-	-
2.61	1.62	20.26	17.66	-	-	-
2.61	1.87	22.79	20.7	-	-	-
3.31	1.87	8.99	7.88	-	-	-

2.66	1.52	17.88	16.1	-	-	-
2.5	1.55	17.43	15.43	-	-	-
2.88	1.03	16.81	15.25	-	-	-
3.15	1.44	10.2	10.01	-	-	-
3.42	1.27	9.93	9	-	-	-
2.77	1.3	15.6	13.69	-	-	-
3.08	1.76	15.05	13.75	-	-	-
3.04	1.59	16.99	14.92	-	-	-
2.72	1.18	18.26	16.32	-	-	-
2.14	1.64	26.11	22.83	-	-	-
2.56	1.44	21.12	19.41	-	-	-
2.78	1.32	17.76	15.69	-	-	-
2.72	1.5	20.9	19.68	-	-	-
2.94	1.41	15.9	15.15	-	-	-
3.08	1.24	19.23	17.34	-	-	-
2.81	1.12	21.51	19.99	-	-	-
3	1.62	15.16	13.87	-	-	-
2.83	1.45	21.42	18.31	-	-	-
3.1	1.61	13.23	11.48	-	-	-
2.77	1.42	14.99	12.86	-	-	-
2.79	1.84	16.47	13.32	-	-	-
2.79	1.43	13.61	12.11	-	-	-
2.42	1.64	21	17.16	-	-	-
2.7	1.86	20.68	17.9	-	-	-
2.97	1.63	12.55	10.48	-	-	-
2.69	1.27	16.92	14	-	-	-
2.59	1.44	23.22	19.57	-	-	-
2.82	1.36	17.72	14.8	-	-	-
2.4	1.78	20.44	16.54	-	-	-
3.34	1.81	10.77	9.9	-	-	-
3.2	1.76	14.76	10.18	-	-	-
2.73	1.46	21.5	17.48	-	-	-
2.81	1.79	15.22	12.65	-	-	-
2.8	1.51	18.91	14.78	-	-	-
3.05	1.52	14.97	12.81	-	-	-
2.54	1.65	16.73	13.31	-	-	-
3.18	1.32	13.07	11.24	-	-	-
3.13	1.5	8.23	6.95	-	-	-
1.97	1.35	24.12	19.85	-	-	-
3.22	1.95	9.15	8.48	-	-	-
2.51	1.82	19.06	17.16	-	-	-
2.68	1.8	12.48	11.14	-	-	-
2.6	1.58	17.18	15.31	-	-	-
2.93	1.3	16.85	15.33	-	-	-
1.98	2.21	24.21	21.48	-	-	-
2.43	1.42	18.49	15.41	-	-	-
2.9	1.44	17.87	15.9	-	-	-
2.84	1.6	16.18	15.06	-	-	-

2.34	1.86	18.33	15.38	-	-	-
2.62	1.29	18.34	15.79	-	-	-
2.79	1.6	19.95	17.01	-	-	-
2.21	1.17	25.85	22.18	-	-	-
2.1	1.48	26.33	21.55	-	-	-
2.09	1.31	28.37	22.86	-	-	-
2.13	1.23	30.56	24.81	-	-	-
1.83	1.88	24.63	20.81	-	-	-
2.25	1.54	25.59	22.74	-	-	-
2	1.69	25.91	22.7	-	-	-
1.88	2.25	23.51	20.44	-	-	-
2.12	1.54	27.3	22.67	-	-	-
2.02	1.71	29.67	24.59	-	-	-
3.04	1.75	19.61	17.39	-	-	-
2.13	2.21	24.2	21.26	-	-	-
1.76	1.89	29.6	23.73	-	-	-
2.12	1.78	25.61	21.48	-	-	-
2.23	1.81	24.53	19.41	-	-	-
2.13	1.19	26	21.2	-	-	-
1.97	1.85	27.53	21.95	-	-	-
2.46	1.53	22.26	19.54	-	-	-
2.32	1.1	19.51	16.27	-	-	-
1.77	1.57	30.81	25.93	-	-	-
2.37	1.94	17.44	14.41	-	-	-
2.36	1.49	21.86	18.4	-	-	-
2.81	1.26	19.95	16.31	-	-	-
2.65	1.59	21.77	17.81	-	-	-
2.5	1.48	20.58	17.43	-	-	-
2.51	1.85	21.55	18.79	-	-	-
1.88	1.48	29.43	24.59	-	-	-
2.44	1.84	20.36	16.82	-	-	-
2.56	1.12	21.18	18.99	-	-	-
2.61	1.25	19.04	16.02	-	-	-
2.29	1.63	20.19	16.78	-	-	-
2.66	1.64	17.2	16.6	-	-	-
2.39	1.45	18.72	15.53	-	-	-
3.07	1.59	14.31	12.74	-	-	-
2.64	1.94	15.47	15.11	-	-	-
2.7	1.71	17.79	15.26	-	-	-
2.16	1.48	25.71	22.68	-	-	-
2.1	1.39	26.8	21.71	-	-	-
2.28	1.58	21.05	18.33	-	-	-
2.26	1.75	22.13	18.77	-	-	-
2.4	1.99	19.34	16.3	-	-	-
2.36	1.55	15.26	11.86	-	-	-
2.25	1.81	18.79	15.86	-	-	-
2.01	1.53	28.62	24.36	-	-	-
1.98	1.08	31.84	28.04	-	-	-

2.5	1.65	19.99	17.13	-	-	-
1.91	1.48	30.81	25.83	-	-	-
1.64	1.54	30.38	25.66	-	-	-
2.32	1.84	26.04	23.21	-	-	-
2.52	2.27	15.77	14.23	-	-	-
2.39	1.67	19.91	16.02	-	-	-
2.76	1.78	21.62	18.4	-	-	-
2.67	2.42	13.65	10.72	-	-	-
3.07	1.72	15.62	14.36	-	-	-
2.24	2.25	18.04	14.16	-	-	-
2.3	1.85	22.23	16.85	-	-	-
2.76	1.8	18.98	14.33	-	-	-
2.4	1.85	17.35	15.51	-	-	-
2.73	1.39	20.13	17.14	-	-	-
2.33	1.52	17.8	15.04	-	-	-
2.48	1.73	21.62	19.39	-	-	-
2.32	1.23	26.83	24.92	-	-	-
2.78	1.77	16.07	14.86	-	-	-
2.86	1.79	13.3	11.39	-	-	-
2.48	1.53	22.95	19.59	-	-	-
2.41	1.27	21.63	17.89	-	-	-
2.02	1.66	27.38	24.01	-	-	-
1.77	2.03	29.43	26.6	-	-	-
2.09	2.2	20.54	19.31	-	-	-
2	2.07	26.67	24.08	-	-	-
2.07	1.76	29.63	27.52	-	-	-
1.82	1.66	26.82	24.73	-	-	-
2.01	1.71	30.95	25.96	-	-	-
2.02	1.21	32.18	29.64	-	-	-
1.85	2.18	26.75	25	-	-	-
2.01	2.26	26.36	23.55	-	-	-
2.11	1.49	29.15	25.44	-	-	-
2.01	2.11	26.17	23.76	-	-	-
2.22	1.72	29.36	27.72	-	-	-
2.33	1.48	23.93	21.05	-	-	-
2.12	1.18	30.42	28.17	-	-	-
2.12	1.93	25.66	23.33	-	-	-
2.03	1.63	24.37	22.6	-	-	-
1.9	1.95	22.23	19.29	-	-	-
2.01	1.76	24.28	22.15	-	-	-
2.61	1.85	18.41	14.89	-	-	-
2.07	1.43	22.85	19.95	-	-	-
2.24	1.47	25.47	21.88	-	-	-
2.28	2	26.48	23.47	-	-	-
2.2	1.77	24.58	21.48	-	-	-
2.03	1.66	24.16	21.82	-	-	-
2.2	1.4	21.69	16.44	-	-	-
2.25	1.52	25.12	21.9	-	-	-

2.15	1.47	19.27	17.17	-	-	-
2.26	1.58	21.98	17.51	-	-	-
2.24	1.77	24.36	20.15	-	-	-
2.36	2.12	22.49	19.19	-	-	-
2.33	1.94	22.59	19.28	-	-	-
2.29	2.03	19.78	16.34	-	-	-
2.14	2.19	25.98	23.9	-	-	-
2.48	1.75	18.49	15.3	-	-	-
1.81	1.5	31.99	28.53	-	-	-
2.25	1.69	25.14	21.48	-	-	-
2.42	1.9	22.6	19.26	-	-	-
2.32	1.92	21.58	19.6	-	-	-
2.01	2.65	23.1	18.44	-	-	-
2.18	1.63	28.89	26.26	-	-	-
2.09	2.32	24.55	22.36	-	-	-
2.15	2.07	21.39	18.09	-	-	-
2.17	2.43	26.86	25.24	-	-	-
2.41	1.64	24.16	21.46	-	-	-
2.07	1.67	27.87	24.15	-	-	-
1.89	2.28	25.29	18.83	-	-	-
2.37	1.64	25.7	21.08	-	-	-
2.11	2.11	22.21	18.64	-	-	-
2.21	1.79	21.94	19.02	-	-	-
2.34	1.69	23.24	18.01	-	-	-
2.58	1.93	19.38	15.99	-	-	-
1.85	2.14	27.13	23.23	-	-	-
1.9	2.36	23.33	19.22	-	-	-
2.4	2.22	21.13	18.9	-	-	-
1.84	2.44	27.38	24.69	-	-	-
2.06	1.64	25.23	21.85	-	-	-
2.62	1.94	20.62	16.79	-	-	-
1.92	1.67	28.63	23.17	-	-	-
2.15	1.86	23.04	19.65	-	-	-
1.86	1.82	29.72	26.6	-	-	-
1.86	2.3	26.99	22.37	-	-	-
2.05	2.52	18.57	16.38	-	-	-
1.75	2.04	23.6	20.8	-	-	-
1.94	1.98	25.5	21.45	-	-	-
2	1.6	28.23	22.89	-	-	-
2.33	1.49	19.81	17.28	-	-	-
2.25	1.42	20.95	15.98	-	-	-
2.69	1.5	18.86	14.96	-	-	-
2.79	1.5	19.08	15.98	-	-	-
2.8	2.01	18.3	16.27	-	-	-
2.63	1.59	23.86	19.95	-	-	-
2.46	1.71	24.52	21.2	-	-	-
2.58	1.97	19.3	16.13	-	-	-
2.21	2.04	21.29	18.46	-	-	-

1.88	1.93	22.11	20.28	-	-	-
2.06	1.74	25.34	22.99	-	-	-
2.56	1.69	23.95	21.51	-	-	-
2.55	1.58	22.62	18.95	-	-	-
2.21	1.68	22.25	18.56	-	-	-
2.2	1.47	26.24	22.92	-	-	-
2.44	1.91	23.6	21.34	-	-	-
2.45	1.44	27.26	23.54	-	-	-
2.48	1.69	24.77	21.41	-	-	-
2.3	2.01	20.99	19.18	-	-	-
2.03	1.82	24.51	21.38	-	-	-
2.12	1.57	29.7	26.25	-	-	-
2.15	2.05	21.94	19.84	-	-	-
1.93	1.69	27.15	24.48	-	-	-
2.09	2.07	26.88	24.53	-	-	-
1.9	2.26	28.87	27.12	-	-	-
2.07	1.97	28.41	26.31	-	-	-
2.12	1.99	28.55	25.59	-	-	-
2.16	1.67	27.41	25.78	-	-	-
1.78	1.86	30.4	27.44	-	-	-
1.96	2.11	28.37	24.46	-	-	-
1.94	2.51	23.4	21.19	-	-	-
1.6	2.86	28.23	26.53	-	-	-
2.85	1.51	18.42	16.5	-	-	-
1.93	2.22	24.95	22.05	-	-	-
2.71	1.83	18.1	14.73	-	-	-
1.91	2.32	26.92	23.92	-	-	-
2.25	1.73	23.21	20.43	-	-	-
2.3	1.75	23.53	19.41	-	-	-
1.78	2.09	30.5	26.98	-	-	-
2.38	1.4	25.56	23.18	-	-	-
2.31	1.31	23.27	19.83	-	-	-
2.23	0.99	25.61	20.9	-	-	-

CHA	RU	XAN	BCA	MAA	CRF	PE	
7.82	7.05	71.87	36.22	39.87	8.63	8.24	
5.01	5.04	60.89	29.24	38.43	8.17	8.7	
12.5	9.59	63.37	20.76	29.82	6.56	7.32	
11.12	8.09	54.53	20.05	28.51	6.64	8.08	
8.68	7.67	67.91	27.76	33.82	7.85	8.54	
12	9.73	65.44	29.2	33.52	6.42	7.73	
7.54	9.07	63.14	34.32	40.23	6.28	7.52	
8.85	10.17	60.36	29.91	33.41	5.94	8.18	
12.82	10.81	43.76	18.57	26.82	4.93	6.87	
12.71	7.84	72.8	24.36	31.43	6.56	7.65	
12.08	7.85	66.15	22.5	29.9	7.03	8.26	
11.2	8.35	56.39	22.07	29.67	6.07	8.53	
11.41	8.08	66.48	27.23	33.65	6.91	8.05	
12.57	12.72	51.68	17.42	23.75	5.49	7.55	
8.93	7.69	52.54	26.95	34.41	6.33	8.54	
9.77	10.34	77.39	29.79	34.39	7.25	7.64	
9.38	7.12	36.66	6.43	28.55	6.3	7.59	
13.71	10.71	76.78	26.07	24.28	6.46	7.56	
11.73	9.45	58.04	23.48	33.34	6.55	7.76	
10.56	7.77	51.22	17.64	26.45	5.86	7.56	
9.07	7.95	71.31	30.33	35.12	6.55	8.29	
6.6	7.03	62.54	29.26	37.54	6.85	8.36	
9.03	9.16	50.68	26.32	36.11	7.07	7.34	
9.26	10.39	49.51	23.78	37.31	6.04	7.52	
6.83	4.81	69.64	31.73	41	7.45	7.8	
7.75	9.51	56.76	29.06	36.42	6.06	7.35	
10.55	7.63	53.55	26.4	35.18	6.06	7.94	
7.64	6.5	54.35	23.6	33.97	7.05	8.2	
8.04	4.98	58.86	24.25	34.58	7.41	8.5	
10.49	9.14	54.1	19.43	30.04	5.79	7.01	
11.8	10.16	48.35	18.53	24.99	5.45	6.69	
17.7	14.8	80.54	27.85	18.62	6.57	7.66	
12.87	12.96	61.35	27.09	32.44	5.8	7.12	
11.59	9.58	38.41	17.01	28.05	5.2	7.32	
12.31	9.81	70	30.15	33.74	6.26	6.72	
8.41	7.11	52.63	19.19	34.73	5.92	7.48	
10.71	8.13	40.33	17.25	36.95	6.08	7.27	
6.26	8.04	70.87	39.71	44.43	7.11	7.84	
10.44	9.12	39.69	19.85	36.71	5.96	7.79	
9.96	8.79	86.6	38.27	35.39	7.66	8.42	
9.69	9.69	57.39	27.95	34.04	6.86	6.98	
9.26	9.71	53.02	28.86	38.64	7.07	7.79	
6.08	6.09	83.97	39.9	37.15	9.33	9.3	
6.93	9.88	75.55	38.79	43.95	7.59	8.01	
7.4	8.24	70.91	34.96	40.53	7.74	8.92	
5.29	6.18	71.46	32.55	41.02	8.32	9.55	
6.43	9.71	84.9	43.2	40.47	7.37	9.47	

9.2	8.65	87.22	41.36	40.13	6.65	7.82
11.8	7.97	61.38	25.69	33.39	6.37	6.48
11.93	7.36	56.46	22.63	35.37	6.21	8.21
10.7	8.65	50.4	22.03	35.97	5.68	7.7
10.61	8.33	57.82	25.18	34.19	6.59	8.33
11.26	10.23	75.28	33.14	35	6.56	7.42
14.32	6.53	41.17	10.83	30.8	5.77	6.81
13.49	10.03	47.75	11.03	21.07	4.62	6.83
12.95	8.26	65.14	20.28	30.65	5.95	7.11
10.29	8.86	58.74	22.13	33.84	5.71	8.37
10.29	8.14	59.94	23.42	33.31	6.06	8.39
9.86	8.72	35.74	17.28	39	5.96	7.6
11.98	9.73	34.67	10.67	27.46	5.68	7.17
11.81	9.56	35.36	12.87	30.33	5.41	6.93
9.02	8.79	50.13	23.44	36.24	5.8	7.04
11.14	7.25	40.71	18.51	39.43	5.54	7.67
10.66	9.57	28.98	8.12	21.65	4.82	6.66
10.53	7.95	48.47	22.8	40.22	6.03	7.61
6.5	9.61	65.07	37.26	41.75	7.12	7.76
11.28	8.19	44.01	18.41	34.27	5.83	7.48
9.48	7.91	46.35	19.85	35.39	6.07	7.88
9.57	8.33	46.02	22.55	38.26	5.99	7.19
9.39	6.88	67.13	28.93	35	7.19	8.48
10.59	10.9	41.62	21.04	33.15	5.29	7.96
10.73	9.27	47.63	24.02	35.41	6.06	7.17
7.12	8.68	51.42	29.64	39.67	5.81	7.57
11.45	9.11	56.83	25.84	30.99	6.22	7.98
14.82	12.91	52.24	18.03	25.41	5.22	7.34
12.25	8.18	52.5	18.36	32.99	5.72	7.48
10.24	9.14	53.17	22.54	35.06	6.42	7.9
11.9	11.63	68.69	25.05	29.36	6.05	8.37
15.1	13.02	55.37	18.92	29.3	5.44	6.61
12.71	11.26	49.19	17.37	24.52	4.76	6.88
12.68	7.65	49.84	14.83	29.06	4.87	7.36
13.84	10.65	37.91	16.21	33.03	5.13	6.89
9.4	10.34	26.74	14.72	32.74	5.1	6.86
7.18	6.92	60.75	29.63	41.23	7.11	8.21
11.39	10.09	46.4	20.55	32.63	5.65	6.78
9.74	9.1	41.04	19.08	34	5.03	7.13
11.62	9.56	40.71	16.11	26.61	5.66	6.69
15.44	9.57	54.81	17.15	28.84	5.52	6.79
16.12	10.98	63.38	23.88	30.43	5.75	6.84
14.8	13.8	88.57	36.56	33.05	6.1	7.25
13.49	11.08	57.39	22.65	31.14	6	7.08
12.97	11.06	47.31	17.65	29.6	5.56	7.74
8.77	9.21	71.09	35.57	38.59	6.94	8.09
13.08	11.81	51.18	22.59	27.65	6.13	7.67
12.48	10.29	60.62	26.85	35.66	5.85	6.64

10.64	11.39	74.63	34.3	38.63	6.33	6.89
14.3	9.02	59.37	24.11	28.96	5.84	6.99
13.18	10.34	60.52	26.15	29.95	6.2	7.19
12.08	8.97	37.17	16.06	31.66	5.35	6.79
12.34	8.96	84.65	28.3	29.38	7.51	7.91
11.49	10.32	49.68	24.39	33.01	6.09	7.75
8.52	9.02	50.06	26.5	37.01	5.06	8.28
11.75	8.88	57.96	23.06	33.91	6.38	8.06
11.28	7.59	68.75	27.09	30.18	6.85	8.36
10.68	10.3	72.67	34.38	33.25	6.48	7.41
12.57	10.12	42.38	20.04	30.27	5.41	6.88
12.89	11.58	72.05	31.53	35.71	7.18	7.57
13.37	10.21	91.09	27.88	24.7	6.43	9.23
11.26	10.97	55.47	25.54	32.45	5.6	7.47
12.12	9.68	28.79	12.9	35.95	5.67	6.87
13.95	10.41	46.28	15.33	36.18	5.3	6.56
14.44	8.46	51	18.72	38.3	5.74	6
13.13	7.5	39.05	9.81	31.12	5.7	6.44
15.75	13.32	46.63	17.68	24.17	4.87	5.35
15.37	10.86	54.48	17.15	29.44	4.36	6.12
13.45	9.34	51.36	15.38	26.12	5.74	7.43
11.73	9.4	52.58	21.43	31.12	5.56	7.34
13.02	8.24	59.72	20.1	22.94	5.96	7.79
13.47	9.87	61.41	24.86	33.18	6.91	7.82
8.14	10.27	49.28	18.23	29.56	6.64	7.37
10.63	7.57	60.75	21.85	27.55	5.93	7.98
10.56	7.71	52.03	21.75	35.39	6.32	7.81
9.68	6.97	44.57	17.49	27.2	5.95	8.13
10.11	5.93	32.87	11.34	32.3	6.27	7.89
10.03	9.79	52.31	27.04	35.19	6.38	7.19
10.97	10.12	61.77	21.97	31.99	6.51	6.74
8.63	10.6	67.47	29.53	35.42	5.88	7.55
14.77	9.03	72.35	22.55	23.44	5.67	7.31
11.25	8.87	67.71	21.65	30.52	5.9	7.22
13.78	10.07	70.84	25.79	31.43	5.71	7.53
11.54	8.16	66.58	18.38	29.1	5.8	7.43
13.89	9.13	83.7	24.2	29.16	6.18	7.8
11.13	11.92	63.8	25.15	32.48	6.8	6.95
12.73	10.04	65.54	21.62	31.87	5.41	6.84
13.32	13.79	44.86	23.82	25.84	5.01	6.78
13.46	9.22	59.3	17.08	26.13	5.38	6.89
11.47	9.24	68.58	27.96	35.59	5.54	7.09
10.28	9.58	64.23	29.86	39.38	6.78	6.85
13.57	10.03	51.1	20.7	34.06	5.93	6.93
8.78	8.25	43.47	21.93	34.72	6	7.01
12.2	6.24	52.63	17.9	33.43	6.95	7.3
9.22	10.75	63.99	27.01	34.78	6.27	6.98
11.61	6.13	43.91	15.13	34.08	6.6	7.24

13.44	9.41	37.26	15.66	30.49	5.41	6.5
14.77	10.43	62.41	21.3	34.76	6.03	6.78
13.79	11.16	56.82	18.62	29.51	5.8	7.02
13.49	10.55	48.53	15.27	32.37	5.49	6.81
9.66	10.12	17.68	11.81	32.54	5.56	7.85
13.03	8.62	61.14	24.71	34.71	6.54	7.6
13.26	11.85	45.26	15.19	27.45	5.54	7.11
11.97	7.97	66.7	15.83	28.23	6.61	7.42
12.58	8.05	74.64	27.74	35.63	6.8	7.48
13.18	8.54	47.15	18.07	36.31	5.35	6.92
12.4	10.5	72.56	29.53	40.9	6.66	7.47
12.79	8.85	40.73	16.43	36.98	6.79	6.31
11.93	8.4	66.15	25.87	40.87	7.06	7.4
10.5	8.08	65.62	28.62	39.8	7.36	7.26
14.06	9.45	44	18.06	30.09	5.6	6.71
11.69	8.09	57.18	15.79	26.69	6	7.28
11.69	8.26	44.06	12.96	31.62	5.68	7.04
13.03	7.95	38.99	13.03	30.37	6.3	7.2
14.03	9.85	52.64	19.52	31.49	5.28	5.82
13.65	8.63	57.92	19.1	34.49	6.58	7.32
12.68	11.53	72.13	26.82	29.51	6.99	8.31
13.14	10.39	63.98	25.89	30.65	6.03	7.75
12.92	11.31	92.59	30.97	29.05	6.43	7.27
13.36	10.83	70.79	29.19	33.22	6.56	7.29
13.25	10.15	67.57	23.5	26.87	6.44	7.93
12.78	9.22	53.21	23.57	32.13	6.45	7.72
9.6	6.98	16.56	8.45	34.96	5.58	6.62
9.47	6.74	48.15	20.47	38.88	6.67	7.03
12.69	12.11	71.94	23.35	27.99	5.3	7.02
9.95	6.82	52.45	20.07	35.54	6.14	7.36
12.74	9.46	46.17	11.86	26.95	6.1	7.82
12.98	9.73	56.92	17.2	29.37	5.73	7.68
10.66	8.8	44.97	13.66	30	5.61	7.37
10.08	11.87	44.04	25.61	36.02	5.62	7.25
14.9	10.89	64.61	24.73	29.74	6.25	7
12.91	11.33	20.54	0.73	22.46	5.37	6.47
13.95	11.18	82.75	25.7	28.18	6.27	7.15
12.02	10.43	33.4	9.28	19.4	6	7.3
15.61	9.63	73.55	23.9	26.6	5.88	7.83
13.83	9.18	59.82	18.55	32.23	7.29	7.14
11.34	9.15	60.23	19.66	31.66	5.67	7.13
13.1	8.5	75.89	20.2	26.49	6.82	8.21
9.44	6.24	78.08	28.58	33.02	7.66	8.14
7.23	6.38	77.32	27.39	39.27	7.26	8
7.98	8.19	69.88	30.53	38.62	7.17	7.18
6.24	4.32	71.55	29.99	41.24	7.32	8.57
13.77	9.36	69.74	25.58	30.92	5.91	7.53
6.32	8.02	78.83	37.73	44.08	7.4	7

4.42	1.38	72.44	30.82	42.36	9.3	8.93
7.61	7.45	71.46	36.17	42.77	6.9	8.26
9.21	7.34	51.71	24.82	35.7	6.95	7.81
7.59	7.35	48.29	28.56	42.79	6.96	7.07
11.03	9.54	94.12	36.05	36.18	6.74	7.77
11.41	9.15	75	31.2	37.29	5.76	7.59
10.14	10.75	70.38	31.13	33.21	6.72	7.11
8.62	6.73	77.17	30.79	34.89	7.74	7.48
10.26	9.08	96.88	35.79	33.72	7.52	6.93
12.81	8.67	71.93	20.88	24.91	6.05	7.64
13.91	9.96	78.14	23.43	29.11	6.35	7.4
12.51	10.06	72.78	23.78	27.5	6.61	7.53
11.23	9.67	77.93	32.93	32.03	6.04	8.22
10.01	8.91	68.1	29.28	35.75	5.85	7.9
10.74	6.07	72.02	26.1	35.88	6.45	8.08
14.46	10.81	69.63	22.9	27.84	6.06	6.83
13.42	10.38	56.39	15.44	28.57	5.68	7.17
10.03	9.56	44.36	21.11	32.55	5.83	7.45
11.95	8.3	53.56	22.49	41.67	6.66	7.92
11.25	10.32	62.75	24.93	35.91	6.43	7.18
11.19	8.13	69.67	27.53	36.53	7.01	8.1
9.62	9.94	61.19	30.71	42.47	7.15	8.18
11.64	9.77	54.65	23.2	37.36	6.8	7.27
8.36	7.68	94.37	43.83	39.54	8.29	9.13
7.81	9.06	85.49	40.81	40.79	7.9	8.31
6.96	9.02	76.02	38.51	42.92	8.14	8.4
4.5	4.24	85.28	40.52	44.22	8.88	8.7
5.05	8.31	74.38	37.14	41.4	8.71	8.6
7.74	9.4	61.98	34.29	38.52	6.81	7.51
4.77	7.1	76.13	28.79	35.31	9.08	8.45
11.28	8.35	77.25	27.15	31.64	6.55	8.22
9.43	8.01	74.42	30.67	37.29	7.03	7.03
9.51	9.07	88.88	33.48	36	6.79	7.6
10.54	7.72	99.96	34.44	34.79	7.39	8.02
15.34	8.49	104.51	36.11	31.49	7.54	8.27
12.54	9	80.01	28.95	33.48	6.79	8.02
11.41	9.34	62.24	24.78	32.01	5.94	6.8
11.33	7.61	55.27	19.66	32.58	6.02	7.61
7.56	7.79	69.33	33.77	40.35	7.42	7.65
6.46	6.27	84.06	36.82	40.73	8.58	8.48
5.25	6.62	78.72	36.3	42.95	8.95	7.5
6.87	8.6	68.57	37.11	43.2	7.69	7.04
8.58	7.56	65.41	30.69	41.09	7	7.27
7.61	8.72	77.56	38.22	39.28	7.54	7.94
6.46	6.89	79.21	36.4	39.23	8.24	8.34
10.6	9	84.32	28	29.3	7.01	8.32
12.64	7.83	70.17	16.29	20.63	5.7	6.61
9.87	5.45	71.9	18.13	30.56	6.42	6.88

11.02	7.06	74.12	20.13	25.05	5.75	7.62
10.24	11.29	90.61	23.63	28.56	5.83	7.19
13.39	8.3	78.76	17.4	24.21	6.09	6.86
9.2	6.69	86.11	25.66	35.39	6.5	6.77
8.6	8.39	90.94	27.5	35.17	6.64	7.15
9.05	8.25	82.88	22.23	26.86	6.2	6.23
15.13	9.74	66.7	16.27	24.79	5.77	6.48
13.45	7.08	76.7	20.63	30.14	6.04	7.09
9.29	7.89	75.8	22.87	32.78	5.87	7.48
10.07	7.19	86.06	24.86	33.13	6.11	7.64
11.74	9.38	82.93	23.14	22.25	5.54	8.59
10.87	6.28	85.55	22.06	32.13	6.3	8.15
10.94	10.14	86.06	21.87	23.5	6.07	7.99
9.38	7.39	68.96	17.6	25.18	6.11	7.47
13.6	11.08	104.68	35.11	26.74	6.11	7.32
11.88	10.33	93.33	24.47	21.35	6.96	8.82
10.92	8.58	82.86	24.49	22.29	6.15	8.22
11.45	11.08	108.55	36.34	33.62	7.34	7.88
10.13	9.51	82.46	24.76	30.59	6.02	7.93
11.1	10.43	79.99	21.55	23.63	5.8	6.6
9.4	8.57	69.3	18.53	28.12	6.33	6.63
9.52	6.93	73.84	23.59	27.37	6.27	7.05
11.4	10.29	63.29	19.79	28.73	5.5	6.38
11.81	8.1	100.92	24.46	25.99	6.43	7.31
8.81	6.97	65.62	11.97	32.08	6.54	8.15
10.73	10.01	98.05	31.42	22.59	6.53	8.68
8.35	7.49	66.81	22.8	30.57	6.51	6.5
7.86	6.81	68.23	20.78	33.44	6.89	7.07
9.68	9.47	87.61	29.55	26.47	6.64	7.95
9.87	7.73	77.92	28.38	37.13	6.68	6.71
8.8	7.44	80.68	20.22	27.7	6.27	6.83
11.55	11.43	79.61	26.76	25.98	6.04	6.34
6.5	6.74	68.11	15.97	31.23	6.53	7.5
7.43	7.73	75.6	21.64	35.13	6.88	6.72
7.27	8.39	78.73	21.6	30.39	6.64	6.47
12.38	9.37	67.31	18.22	24.54	6.83	6.67
15.69	10.63	92.41	25.26	24.31	5.99	6.77
12.12	9.35	91.58	23.56	28.12	6.24	7.44
12.43	10.53	72.84	22.16	25.71	5.96	7.01
11.34	10.34	119.21	34.17	31.18	7.01	8.7
7.6	8.41	92.63	29.97	37.41	6.08	6.48
7.58	10.7	65	22.31	31.95	6	6.84
8.54	10.14	76.85	24.06	32.83	6.26	6.81
9.15	9.6	55.53	16.8	33.05	6.22	6.07
6.55	8.17	90.1	25.04	35.2	8.13	6.98
12.05	9.38	98.85	28.67	29.6	7.16	6.98
10.27	8.47	87.98	23.82	29.46	5.86	7.43
8.93	7.96	71.37	18.44	30.49	6.15	7.15

8.89	7.72	83.31	21.34	31.61	5.86	7.55
11.49	10.35	97.38	26.8	27.82	6.5	7.12
9.91	7.45	76.66	17.18	24.53	7.1	8.79
10.9	6.34	85.81	21.42	25.12	5.87	7.74
10.65	7.71	93.53	28.89	30.4	6.56	7.39
7.11	8.3	87.03	31.15	36.81	6.57	7.93
9.07	8.69	83.49	25.22	26.91	6.55	7.53
5.8	6.08	57.74	14.75	31	7.2	7.75
9.98	8.76	83.33	25.94	32.81	6.17	7.03
10.01	8.65	77.76	22.58	29.5	6.11	6.65
7.06	5.66	85.62	22.25	32.54	6.33	7.75
9.71	5.31	57.6	12.76	34.01	6.33	6.65
9.63	7.91	49.58	11.15	18.48	5.32	6.44
10.98	6.57	98.9	26.41	31.53	5.97	7.6
11.44	8.01	69.33	16.48	20.25	5.35	6.61
10.16	7.29	80.96	23.75	28.78	5.9	6.88
11	7.25	94.49	24.68	29.22	6.53	7.96
9.87	11	99.68	27.72	25.06	6.98	9.26
10.39	10.36	93.18	31.85	27.61	6.58	8.28
7.3	9.54	71.41	27.74	36.77	6.64	7.28
10.15	7.2	71.38	20.37	28.69	6.1	6.72
13.14	11.37	92.45	24.38	24.22	5.99	7.3
9.66	8.46	86.99	28.25	34.94	6.66	8.28
12.81	9.53	97.37	28.92	28.3	5.95	6.85
12.06	10.77	64.48	17.85	19.24	5.03	5.93
9.8	9.79	67.36	19.28	24.83	5.23	7.08
10.85	8.37	90.48	23.45	28.16	5.7	7.13
11.06	8.97	75.2	22.91	28.34	5.98	6.01
7.71	9.19	71.48	17.03	24.35	5.85	7.03
11.65	7.74	74.19	16.07	20.95	4.91	7.37
13.52	9.46	88.78	24.45	29.73	5.98	7.01
14.21	10.33	85.36	23.59	22.76	6.07	6.54
13.21	7.92	88	24.02	28.93	6.62	7.4
14.33	10.48	76.04	22.47	26.52	5.7	6.54
12.53	9.08	66.28	18.29	23.13	5.11	6.9
13.43	10.58	87.04	23.8	20.19	6.22	7.07
14.77	7.56	76.58	21.39	25.3	5.91	6.01
15.4	8.31	102.1	23.43	24.49	5.85	7.21
15.92	10.88	110.61	30.22	27.72	6.42	7.36
12.09	10.79	57.68	21.68	26.15	5.56	6.12
11.75	7.77	68.11	15.93	28.85	5.98	8.1
11.53	9.64	80.97	22.29	28.3	6.18	7.08
11.32	10.53	59.57	15.93	19.81	5.88	7.03
10.04	6.35	69.39	15.03	25.84	6.44	8.14
14.11	9.82	103.61	29.88	25.34	6.07	7.34
13.24	9.86	86.1	27.3	25.19	5.55	7.5
11.64	8.8	81.1	22.18	25.51	6.91	7.94
10.55	7.51	79.94	22.06	30.68	6.13	8.01

12.72	9.52	85.83	24.68	25.71	6.36	7.15
10.95	8.51	76.55	22.04	28.26	5.91	7.4
12.52	9.73	77.18	20.85	22.78	5.32	7.24
13.96	12.29	83.11	26.39	23.59	5.56	6.61
8.98	9.23	84.12	27.11	34.58	6.31	7.67
12.09	7.48	108.5	32.13	31.08	7.01	7.75
12.55	7.74	93.13	25.68	22.89	6.45	8.47
14.51	13.03	83.45	26.81	24.25	6.11	6.29
15.35	10.23	106.53	29.01	23.02	7.08	8.6
12.08	11.27	92.56	28.01	25.54	5.86	7.84
10.2	9.12	78.21	25.19	30.86	5.16	6.42
12.97	7.51	89.47	23.36	31.1	5.83	7.3
12.93	8.89	75.82	24.86	29.3	6.11	6.77
12.47	7.91	82.23	18.32	31.24	6.48	7.13
11.47	8.68	84.69	24.76	28.69	7.27	8.54
11.38	7.72	97.09	26.51	29.8	6.39	7.81
10.67	7.08	77.95	20.34	32.77	5.91	7.32
9.92	8.95	65.9	14.42	21.53	5.42	7.34
13.06	8.75	86.84	24.7	28	6.23	7.94
13.39	9.25	100.64	28.54	34.76	6.94	7.99
11.09	9.85	87.14	25.69	26.35	6.75	8.3
11.61	5.25	98.87	22.99	30.16	5.84	8.1
12.56	7.87	77.32	22.18	29.5	4.99	6.72
12.67	7.56	81.7	22.08	25.62	5.39	7.86
9.5	3.92	53.47	7.93	29.49	6.33	7.77
10.16	9.59	84.77	27.27	29.02	6.93	7.85
9.7	8.87	34.01	10.07	19.75	5.83	5.67
7.28	9.74	52.08	14.69	24.15	5.77	6.86
13.2	7.94	85.57	21.94	22.36	6.72	8.22
7.01	8.03	66.39	21.8	29.15	5.27	6.4
13.57	8.32	73.91	18.65	28.69	6.45	7.35
12.93	10.44	83.24	22.58	22.86	5.34	7.06
13.99	7.87	93.55	24.27	23.8	5.49	6.89
7.26	9.06	59.31	19.68	30.29	5.77	6.91
11.93	10.58	74.44	22.84	26.22	5.32	6.13
13.63	8.62	81.08	17.48	18.21	5.31	7.39
13.66	10.61	92.22	23.3	28.44	5.82	7.04
11.98	8.38	90.17	25.86	31.01	5.38	7.2
11.74	10	76.26	22.91	27.76	6.87	7.65
13.72	9.82	65.24	19.71	24.45	5.91	6.72
9.91	9.1	78.97	24.85	28.24	6.26	7.71
12.82	9.28	86.06	28.12	21.61	5.99	6.75
9.53	7.41	94.71	27.99	30.21	7.3	8.06
10.94	8.48	69.98	21.44	30.45	6.54	8.06
7.5	8.42	30.92	13.73	31.98	5.79	6.65
9.38	9.13	62.32	24.93	28.67	5.41	6.33
11.91	10.53	74.03	24.07	27.68	5.98	7.12
9.95	7.38	70.8	19.55	23.49	5.83	7.04

8.17	7.24	64.55	16.83	26.13	6.43	7.63
12.46	7.53	79.28	20.6	32.77	6.24	7.5
12.85	8.74	83.89	26.21	31.1	6.2	6.69
7.32	8.3	44.15	12.99	25.55	6.22	7.19
11.99	10.31	92.68	34.06	27.17	6.32	7.81
12.05	9.83	72.8	15.64	17.65	6.2	6.99
7.41	7.46	75.32	28.25	34.65	5.8	6.75
10.52	9.68	77.56	30.63	31.94	5.87	7.45
12.81	9.19	78.17	23.36	31.27	5.86	6.87
10.73	6.66	76.92	20.28	30.14	7.06	8.09
13.66	10.83	75.73	25.19	27.07	5.84	6.75
10.37	7.55	64.96	16.92	23.71	6.09	7.37
10.37	7.9	72.35	17.42	24.62	6.06	7.51
12.37	7.45	66.9	16.28	26.11	5.56	6.71
12.63	10.86	65.14	18.69	25.73	5.47	7.28
15.37	9.83	71.48	20.49	26.31	5.98	7.04
11.01	9.01	92.89	28.48	27.36	6.6	8.21
11.78	6.98	83.55	23.77	30.27	6.06	7.91
11.33	9.28	107.93	31.82	25.8	6.68	7.98
12.6	9.3	92.32	27.79	24.86	6.21	7.52
12.99	8.89	99.45	27.36	27.86	7.33	8.22
12.09	7.31	74.76	16.15	24.06	6.33	6.38
8.72	6.11	70.53	15.72	31.38	5.87	7.05
10.79	8.73	84.21	23.23	27.55	6.57	7.36
6.71	8.77	87.99	23.49	22.56	6.82	8.81
10.14	6.51	86.22	21.37	29.57	6.97	8.56
10.34	4.67	80.38	18.61	31.98	6.01	7.97
11.47	7.08	77.51	20.29	32.61	5.94	7.52
8.55	6.98	61.74	18.84	27.14	5.77	6.5
10.39	7.71	42.86	13.04	25.44	5.81	6.01
10.55	7.9	59.06	13.77	21.62	5.29	6.77
9.82	7.67	71.94	17.22	29.8	6.62	7.34
12.32	9.25	92.08	26.85	29.13	6.48	7.53
9.04	6.76	72.78	18.56	28.43	6.91	8.12
11.81	7.49	89.79	26.24	32.24	6.48	7.55
14.4	9.48	85.02	24.05	32.87	7.05	6.77
10.75	9.09	66.49	17.48	26.23	5.59	7.14
10.85	8.81	65.03	19.72	25.81	6.11	6.87
12.5	9.92	69.87	17.45	21.75	6.16	7.15
10.01	7.1	81.16	20.12	35.42	6.3	7.8
10.9	7.48	83.61	21.11	28.31	6.64	8.86
10.52	9.67	81.27	23.66	30.97	6.01	7.43
14.52	9.01	81.12	23.86	23.59	5.35	6.54
12.62	10.15	68.35	17.08	19.53	5.49	6.13
10.19	8.24	73.83	21.11	32.94	7.49	7.62
11.59	7.78	57.11	10.77	20.82	5.64	6.86
12.6	8.46	73.86	16.35	22.81	6.35	8.01
11.98	8.85	73.09	20.54	28.09	5.89	6.44

8.33	9.94	90.6	31.14	29.07	6.59	6.06
3.82	9.18	58.48	18.17	25.28	6.45	7.59
10.33	8.38	78.34	26.19	31.07	5.81	6.65
11.58	8.64	74.52	24.81	29.09	5.72	7.16
9.89	7.86	93.58	30.84	31.89	6.5	7.05
13.74	9	72.08	22.49	26.63	5.33	6.98
11.16	8.07	79.16	22.3	27.22	6.22	6.83
7.88	10.63	40.51	13.39	21.47	6.6	7.12
12.24	9.44	109.36	30.35	24.08	7.03	8.45
13.73	9.9	81.33	25.93	23.36	5.12	6.43
11.33	6.47	86.11	23.47	32.36	5.95	7.62
10.93	10.01	96.34	29.77	28.58	6.16	7.11
6.32	10.5	70.33	16.16	20.33	6.38	8.99
10.78	9.11	72.09	18.3	20.52	6.5	7.47
13.84	8.49	65.43	21.61	29.36	5.42	6.34
11.11	9.59	82.25	24.75	24.41	6.33	7.27
11.01	7.81	84.48	25.47	28.64	6.16	8.1
10.32	9.39	71.85	23.44	28.93	5.7	6.88
13.3	7.89	76.84	22.98	23.59	5.61	6.4
12.09	7.7	94.18	26.89	31.54	6.26	6.89
14.03	9.07	90.08	25.09	26.8	6.18	8.03
7.85	11.61	94.74	36.13	31.73	7.34	8.95
8.86	6.3	101.28	24.74	28.14	6.98	8.69
8.67	7.49	83.66	24.53	31.71	6.62	7.99
9.94	6.38	63.67	16.13	26.21	5.88	7.01
11.46	8.79	94.03	29.18	35.06	6.68	7.43
12.51	4.75	86.49	23.08	25.68	5.94	7.03
8.62	7.43	52.31	16.58	26.74	5.63	6.57
10.41	8.26	77.8	22.43	34.06	6.31	7.56
11.31	7.9	105.49	31.69	27.38	5.86	8.17
15.91	9.02	119.03	38.45	30.14	7.08	8.93
12.74	8.03	94.06	24.37	30.27	6.35	7.64
9.22	8.93	67.75	22.12	26.83	5.79	6.37
11.26	6.57	77.84	22.62	29.64	5.92	7.1
11.52	9.87	76.63	19.75	25.29	5.91	6.79
10.03	9.46	75.42	16.96	24.42	6.47	7.18
7.12	7.44	76.8	22.88	30.3	5.23	6.01
9.52	8.78	87.76	19.94	27.6	6.36	6.9
11.82	9.06	71.62	21.67	28.17	6.05	6.39
10.32	8.65	61.76	18.03	25.71	5.73	6.88
10.14	9.21	80.7	24.64	26.37	5.36	6.82
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14.77	13.54	86.58	19.42	16.84	5.05	8.38
11.28	11.08	63.77	2.51	11.82	4.76	9.02
15.24	9.62	106.43	18.58	18.74	6.35	9.74
13.98	12.73	106.91	21.68	17.91	5.07	9.38
14.37	13.37	91.03	19.28	18.27	5	8.13
15.56	15.3	88.82	13.86	8.1	3.89	9.29
14.37	11.6	95.32	21.24	20.21	4.23	8.61
16.77	16.17	110.9	24.64	13.9	3.74	8
13.69	11.69	94.52	16.77	22.08	5.65	8.52
15.03	12.52	132.54	32.77	22.01	5.28	9.25
14.57	12.4	97.81	24.92	18.83	4.03	8.66
13.36	12.15	113.56	26.05	23.32	4.89	9.31
18.67	16.87	115.57	28.98	22.26	5.1	6.88
16.9	17.02	100.54	30.85	23.19	5.36	7.91
16.89	14.68	90.66	23.79	23.09	4.46	6.48
12.38	12.77	114.7	32.65	28.2	5	8.78
13.28	12.51	102.03	25.05	25.6	5.48	9
11.8	10.51	114.43	31.64	30.8	6.82	8.63
12.76	10.98	109.41	28.9	29.64	6.21	8.61
14.48	15.48	127.97	42.13	33.72	5.9	8.49
14.52	10.94	109.57	29.51	26	5.11	9.64
18.06	13.33	113	28.08	23.74	6.2	7.83
14.39	12.32	110.73	30.65	28.4	5.02	8.35
13.66	11.74	103.98	26.65	27.46	6.07	7.94
12.84	11.61	94.9	22.61	25.85	6.28	8.66
13.4	9.55	113.46	32.26	31.96	5.28	9.66
14.64	13.23	104.02	31.32	32.19	5.55	8.11

13.01	10.37	107.87	36.62	32.32	6.44	9.4
12.48	9.17	112.46	35.16	33.05	5.43	9.29
11.89	11.04	101.96	34.18	35.52	5.73	8.59
11.76	11.44	101.39	32.73	37.85	5.89	7.93
11.07	13.02	119.42	42.38	29.16	6.34	8.75
10.73	9.55	123.09	40.45	39.25	5.8	9.59
17.14	13.17	102.71	17.9	14.78	5.46	8.56
9.41	9.02	111.03	41.14	42.43	5.78	8.92
20.12	11.77	95.35	12.78	11.74	4.85	7.92
15.44	13.5	118.01	33.8	23.39	5.74	8.71
11.49	10.43	102.56	35.82	36.68	5.19	8.87
14	14.47	109.97	32.55	30.21	6.45	8.22
16.07	13.69	111.16	23.97	28.69	6.67	8.29
12.91	12.96	104.09	32.1	27.47	4.48	7.93
13.6	13.83	90.79	20.78	26.49	5.64	8
15.25	11.7	93.63	17.97	21.52	6.34	9.68
13.98	13.62	94.31	20.14	25.81	5.43	8.16
12.97	14.32	103.47	32.3	23.72	5.54	8.98
13.29	12.78	98.16	20.46	19.29	5.3	9.11
17.41	14.71	134.22	33.01	20.26	4.34	9.02
13.8	12.74	104.84	28.92	30.02	5.32	8.83
12.89	10.63	126.39	33.24	29.46	5.85	9.44
11.77	9.37	90.92	21.2	29.95	5.8	9.67
15.74	13.49	103.41	26.4	24.99	5.46	8.94
12.56	12.58	101.02	29.46	26.96	5.7	9.71
12.97	12.03	89.48	14	23.47	5.1	8.71
14.42	11.29	118.17	24.62	23.46	6.15	9.13
13.23	13.27	128.69	39.99	31.97	5.49	9.13
12.36	13.36	110.22	21.94	24.79	6.81	7.76
11.83	10.94	95.63	21	24.04	5.09	8.98
13.28	14.55	134.13	43	34.52	5.3	8.32
14.12	11.81	92.86	17.62	25.45	6.04	8.23
12.89	10.7	106.11	25.61	27.7	6.56	8.55
15.63	15.05	119.17	27.66	21.58	5.03	7.95
13.56	12.23	105.49	21.39	28.52	5.22	8.99
11.98	11.14	105.91	24.82	31.74	6.42	9.57
12.59	11.25	98.08	16.44	24.68	5.64	9.58
14.83	11.91	86.32	14.97	27.04	5.73	8.37
14.56	9.34	114.91	31.19	30.04	5.09	7.77
11.24	11.22	111.39	37.71	36.29	7.26	7.62
9.92	10.02	100.06	31.54	31.71	6.27	9.61
8.19	9.65	94.4	37.86	39.99	6.78	8.04
8.99	10.47	128.47	51.67	36.82	5.83	8.66
9.16	10.7	138.39	54.3	42.55	5.55	8.93
9.38	8.42	118.75	46.82	41.2	5.42	7.55
10.82	8	118.83	39.82	34.23	5.52	8.3
11.52	9.22	129.42	46.9	39.67	6.49	8.67
9.53	9	107.82	31.95	36.34	6.77	8.05

11.75	9.23	103.12	24.89	25.03	5.88	9.55
12.19	9.25	87.67	15.7	18.06	5.31	9.08
10.12	9.05	98.12	24.96	25.41	4.85	8.27
13.56	12.28	123.37	34.93	23.83	5.54	9.28
13.05	10.47	102.63	22.91	19.47	5.88	9.27
16.41	10.33	120.4	30.75	21.95	5.69	7.92
11.92	10.8	120.2	35.26	23.82	4.35	9.36
13.34	12.3	95.2	24.16	21.59	4.75	7.9
13.35	10.78	99.52	23.17	22.82	4.84	8.4
12.69	11	131.63	35.93	26.07	5.73	9.45
12.33	9.33	98.74	17.74	15.67	5.61	10.1
14.55	14.86	92.61	24.03	14.67	4.91	7.67
12.01	9.19	61.33	3.27	16.62	6.15	9.88
15.31	14.16	73.96	15.08	10.3	4.93	9.36
15.47	14.41	104.91	27.52	12.49	4.9	9.07
13.44	13.72	104.35	21.29	14.17	4.05	8.83
13.85	15.17	109.56	27.48	9.8	4.4	9.04
15.12	15.19	84.1	16.31	8.8	4.49	8.33
14.98	12.3	116.15	30.84	18.75	4.64	8.52
20.83	13.53	103.18	17	5.67	4.51	7.54
16.78	16.88	90.23	12.59	8.15	3.69	8.76
19.31	17.41	102.3	16.65	7.49	5.69	9.65
19.98	15.81	97.82	5.12	1.96	4.59	8.75
13.45	12.98	145.3	46.79	28.54	5.57	9.42
9.78	9.01	101.73	21.06	26.98	5.16	9.01
10.9	11.21	141.89	48.12	37.44	5.21	9.43
13.71	12.06	118.93	25.45	26.59	5.14	9.37
13.2	11.64	115.99	30.63	27.6	5.01	9.47
11.33	9.74	142.7	45.42	36.44	4.88	9.22
13.31	12.55	99.68	15.35	18.76	4.53	8.67
13.71	11.92	114.41	28.91	27.55	4.83	7.88
8.98	7.92	82.67	39.36	32.68	5.89	8.09
11.25	8.57	69.54	34.5	30.26	4.91	7.97