The SAS System

Obs	state	district	democA	voteA	expendA	expendB	prtystrA	lexpendA	lexpendB	shareA
1	"AL"	7	1	68	328.30	8.74	41	5.79392	2.16757	97.41
2	"AK"	1	0	62	626.38	402.48	60	6.43995	5.99764	60.88
3	"AZ"	2	1	73	99.61	3.07	55	4.60123	1.12005	97.01
4	"AZ"	3	0	69	319.69	26.28	64	5.76735	3.26885	92.40
5	"AR"	3	0	75	159.22	60.05	66	5.07029	4.09524	72.61
6	"AR"	4	1	69	570.16	21.39	46	6.34591	3.06306	96.38
7	"CA"	2	0	59	696.75	193.91	58	6.54642	5.26742	78.23
8	"CA"	3	1	71	638.69	7.70	49	6.45942	2.04057	98.81
9	"CA"	5	1	76	616.94	19.25	71	6.42477	2.95725	96.97
10	"CA"	6	1	73	351.69	50.53	64	5.86274	3.92261	87.44
11	"CA"	7	1	68	269.89	14.71	53	5.59800	2.68853	94.83
12	"CA"	11	1	71	269.51	95.57	58	5.59661	4.55991	73.82
13	"CA"	12	0	52	1440.64	1089.57	49	7.27284	6.99354	56.94
14	"CA"	16	1	79	252.34	69.56	54	5.53076	4.24223	78.39
15	"CA"	19	0	50	1470.67	1548.19	54	7.29348	7.34484	48.72
16	"CA"	23	1	64	140.49	100.96	56	4.94511	4.61469	58.19
17	"CA"	24	1	72	191.33	15.45	65	5.25402	2.73754	92.53
18	"CA"	27	1	68	398.60	15.24	54	5.98795	2.72386	96.32
19	"CA"	30	1	60	460.62	382.11	53	6.13258	5.94571	54.66
20	"CA"	32	1	67	457.41	20.61	49	6.12558	3.02568	95.69
21	"CA"	34	1	63	227.10	149.89	50	5.42538	5.00988	60.24
22	"CA"	36	1	54	532.90	218.70	47	6.27833	5.38768	70.90
23	"CA"	37	0	64	122.84	13.56	68	4.81087	2.60698	90.06
24	"CA"	40	0	67	1110.13	47.75	68	7.01223	3.86590	95.88
25	"CA"	42	0	64	494.49	11.89	65	6.20352	2.47561	97.65
26	"CO"	1	1	70	217.50	26.04	61	5.38221	3.25963	89.31
27	"CO"	2	1	63	721.65	85.10	50	6.58154	4.44377	89.45
28	"CO"	3	1	78	482.79	17.94	46	6.17958	2.88681	96.42
29	"CO"	5	0	75	183.23	0.93	67	5.21074	-0.07257	99.50
30	"CO"	6	0	63	636.20	489.30	57	6.45552	6.19298	56.53
31	"CT"	2	1	64	727.92	246.90	49	6.59019	5.50900	74.67
32	"CT"	4	0	72	372.68	44.41	57	5.92072	3.79347	89.35
33	"CT"	6	0	66	399.37	128.85	53	5.98989	4.85867	75.61
34	"DE"	1	1	68	371.75	184.71	43	5.91821	5.21880	66.81
35	"FL"	1	1	67	210.94	23.91	27	5.35157	3.17438	89.82
36	"FL"	4	0	50	313.42	1069.70	36	5.74753	6.97513	22.66
37	"FL"	6	0	54	408.29	503.65	61	6.01198	6.22189	44.77
38	"FL"	14	1	55	971.88	777.99	47	6.87924	6.65671	55.54
39	"FL"	19	1	72	337.60	4.91	41	5.82185	1.59066	98.57
40	"GA"	1	1	67	337.05	40.46	39	5.82023	3.70034	89.28
41	"GA"	4	1	60	516.74	696.30	41	6.24753	6.54578	42.60
42	"GA"	5	1	78	101.54	6.05	68	4.62045	1.79956	94.38
43	"GA"	6	0	59	838.71	358.35	67	6.73186	5.88152	70.06
44	"GA"	7	1	65	382.28	60.69	29	5.94616	4.10585	86.30
45	"GA"	9	1	63	405.04	64.40	29	6.00399	4.16511	86.28

46	"GA"	10	1	64	193.12	6.76	35	5.26333	1.91102	96.62
47	"ID"	2	1	63	502.08	206.96	33	6.21877	5.33253	70.81
48	"IL"	4	1	50	359.94	348.34	44	5.88594	5.85318	50.82
49	"IL"	5	1	61	165.14	48.94	48	5.10682	3.89060	77.14
50	"IL"	6	0	74	281.23	26.56	68	5.63917	3.27922	91.37
51	"IL"	9	1	66	122.90	28.32	61	4.81137	3.34371	81.27
52	"IL"	11	1	65	239.16	41.26	46	5.47712	3.71987	85.29
53	"IL"	17	1	65	471.23	124.13	53	6.15535	4.82135	79.15
54	"IL"	19	1	64	193.21	16.24	45	5.26375	2.78754	92.25
55	"IL"	20	1	69	251.63	57.71	49	5.52798	4.05540	81.34
56	"IL"	21	1	53	394.41	69.49	54	5.97740	4.24113	85.02
57	"IN"	2	1	53	444.42	332.88	35	6.09678	5.80778	57.17
58	"IN"	5	1	56	689.09	244.99	35	6.53537	5.50120	73.77
59	"IN"	6	0	73	333.72	11.74	69	5.81031	2.46326	96.60
60	"IN"	8	1	62	551.48	130.24	42	6.31261	4.86940	80.90
61	"IN"	10	1	61	35.79	24.92	51	3.57756	3.21563	58.95
62	"IA"	5	0	64	420.73	115.70	47	6.04199	4.75101	78.43
63	"IA"	6	0	64	523.11	175.95	50	6.25979	5.17021	74.83
64	"KS"	2	1	73	388.87	119.26	46	5.96324	4.78133	76.53
65	"KS"	3	0	74	234.58	13.48	54	5.45781	2.60143	94.56
66	"KS"	4	1	64	545.76	149.04	43	6.30217	5.00418	78.55
67	"KY"	2	1	61	8.40	84.10	41	2.12788	4.43203	9.08
68	"KY"	3	1	70	371.43	4.93	53	5.91736	1.59554	98.69
69	"KY"	4	0	74	468.87	23.64	65	6.15033	3.16277	95.20
70	"KY"	7	1	59	411.70	432.40	55	6.02029	6.06936	48.77
71	"ME"	2	0	66	202.32	68.39	55	5.30984	4.22523	74.74
72	"MD"	3	1	73	354.70	18.89	54	5.87128	2.93879	94.94
73	"MA"	4	1	60	343.10	34.37	57	5.83801	3.53713	90.90
74	"MA"	5	1	84	344.93	15.40	47	5.84334	2.73411	95.73
75	"MA"	6	1	70	337.20	63.01	50	5.82067	4.14334	84.26
76	"MA"	10	1	67	235.95	121.06	51	5.46360	4.79625	66.09
77	"MI"	2	0	54	876.78	750.49	58	6.77626	6.62073	53.88
78	"MI"	3	1	57	600.94	164.86	45	6.39850	5.10507	78.47
79	"MI"	4	0	71	323.83	8.58	63	5.78022	2.14908	97.42
80	"MI"	7	1	76	150.59	1.31	55	5.01459	0.27003	99.14
81	"MI"	8	1	72	128.40	2.19	50	4.85515	0.78299	98.32
82	"MI"	9	0	70	450.80	14.87	62	6.11103	2.69908	96.81
83	"MI"	11	0	60	680.82	415.66	52	6.52330	6.02987	62.09
84	"MI"	12	1	54	434.20	143.89	39	6.07351	4.96902	75.11
85	"MI"	14	1	63	137.56	3.54	44	4.92406	1.26328	97.49
86	"MI"	15	1	64	234.43	7.99	45	5.45718	2.07857	96.70
87	"MI"	18	1	23	9.46	77.10	30	2.24697	4.34514	10.93
88	"MN"	2	1	42	152.29	623.78	49	5.02582	6.43579	19.62
89	"MN"	4	0	28	35.79	216.17	39	3.57764	5.37607	14.20
90	"MN"	5	0	28	16.92	281.45	35	2.82820	5.63997	5.67
91	"MN"	6	0	35	100.94	320.22	49	4.61454	5.76901	23.97
92	"MN"	8	0	25	7.74	157.80	40	2.04679	5.06134	4.68
93	"MO"	3	0	37	202.52	512.21	53	5.31086	6.23873	28.34

	"MO"	6	1	41	198.62	341.34	50	5.29138	5.83289	36.78
95	"MO"	7	1	47	215.06	338.13	39	5.37094	5.82342	38.88
96	"MO"	8	1	42	516.24	768.79	45	6.24657	6.64482	40.17
97	"MO"	9	0	32	9.56	210.84	55	2.25811	5.35110	4.34
98	"MT"	1	0	39	58.20	250.28	52	4.06395	5.52256	18.87
99	"MT"	2	1	45	394.10	380.93	46	5.97661	5.94261	50.85
100	"NE"	1	1	33	96.28	221.53	44	4.56724	5.40056	30.29
101	"NE"	2	0	49	1158.29	858.76	58	7.05470	6.75549	57.42
102	"NV"	1	0	36	147.89	652.20	58	4.99648	6.48035	18.48
103	"NJ"	3	0	48	981.86	678.65	63	6.88945	6.52010	59.13
104	"NJ"	4	1	34	53.96	252.82	45	3.98832	5.53269	17.59
105	"NJ"	6	0	38	38.92	123.63	54	3.66148	4.81731	23.94
106	"NJ"	9	0	32	57.26	403.06	54	4.04760	5.99908	12.44
107	"NM"	1	1	49	576.68	559.13	46	6.35728	6.32639	50.77
108	"NM"	3	0	27	41.67	267.63	46	3.72976	5.58962	13.47
109	"NY"	3	0	43	90.89	364.09	60	4.50967	5.89739	19.98
110	"NY"	5	1	35	35.63	337.79	44	3.57310	5.82243	9.54
111	"NY"	15	1	39	162.16	602.94	67	5.08857	6.40182	21.19
112	"NY"	17	0	16	2.85	170.57	22	1.04767	5.13913	1.64
113	"NY"	22	1	29	10.43	411.06	43	2.34440	6.01873	2.47
114	"NY"	23	0	38	174.79	273.51	44	5.16359	5.61132	38.99
115	"NY"	24	1	28	15.94	151.28	42	2.76858	5.01911	9.53
116	"NY"	27	1	43	645.12	594.97	48	6.46944	6.38850	52.02
117	"NY"	30	0	43	310.70	802.89	55	5.73884	6.68821	27.90
118	"NY"	31	1	47	453.46	688.38	44	6.11691	6.53434	39.71
119	"NC"	1	0	35	16.76	82.15	54	2.81888	4.40851	16.94
120	"NC"	4	0	42	745.73	1006.64	56	6.61436	6.91437	42.56
121	"NC"	5	0	47	718.02	756.11	60	6.57649	6.62819	48.71
122	"NC"	6	1	38	583.01	738.09	39	6.36821	6.60406	44.13
123	"NC"	8	0	48	242.78	581.89	62	5.49216	6.36628	29.44
124	"NC"	10	1	39	44.33	302.21	35	3.79164	5.71114	12.79
125	"ND"	1	0	29	1.15	143.21	57	0.14323	4.96431	0.80
126	"OH"	2	1	28	13.96	125.68	38	2.63627	4.83376	10.00
127	"OH"	6	1	26	43.49	884.75	36	3.77242	6.78531	4.68
128	"OH"	9	0	19	47.94	244.03	47	3.87005	5.49729	16.42
129	"OH"	11	0	38	860.77	561.07	56	6.75782	6.32985	60.54
130	"OH"	14	0	25	13.24	419.01	48	2.58355	6.03788	3.06
131	"OH"	15	1	25	6.68	211.96	38	1.89942	5.35641	3.06
132	"OH"	17	0	23	2.39	96.00	38	0.87171	4.56438	2.43
133	"OH"	19	0	30	0.52	226.09	55	-0.65009	5.42092	0.23
134	"OK"	1	1	48	253.59	484.58	39	5.53570	6.18329	34.35
135	"OK"	2	0	35	81.63	358.70	53	4.40225	5.88250	18.54
136	"OK"	5	1	28	0.30	318.82	33	-1.19733	5.76463	0.09
137	"OR"	4	0	28	58.56	279.81	46	4.07010	5.63411	17.31
138	"PA"	1	0	24	1.64	234.96	34	0.49652	5.45940	0.69
139	"PA"	3	0	37	23.10	250.48	52	3.13988	5.52338	8.44
140	"PA"	6	0	37	12.00	121.43	62	2.48507	4.79938	8.99
141	"PA"	7	1	32	203.58	507.36	40	5.31607	6.22922	28.64

	"PA"	8	0	43	507.68	1089.61	62	6.22986	6.99358	31.78
143	"PA"	13	1	33	60.67	225.41	44	4.10548	5.41793	21.21
144	"PA"	15	1	43	355.02	752.33	45	5.87216	6.62318	32.06
145	"PA"	23	1	38	106.46	336.67	44	4.66780	5.81912	24.02
146	"RI"	1	1	44	801.29	385.40	58	6.68622	5.95429	67.52
147	"SC"	1	1	36	82.04	118.70	39	4.40715	4.77662	40.87
148	"SC"	3	0	46	354.58	641.43	67	5.87092	6.46370	35.60
149	"SC"	4	0	48	630.91	1143.35	68	6.44717	7.04172	35.56
150	"SD"	1	0	28	199.42	632.10	53	5.29541	6.44906	23.98
151	"TN"	6	0	24	12.62	454.35	61	2.53552	6.11886	2.70
152	"TX"	1	0	38	94.48	505.61	53	4.54836	6.22577	15.74
153	"TX"	5	0	39	179.20	646.22	50	5.18851	6.47114	21.71
154	"TX"	6	1	32	17.41	654.26	38	2.85728	6.48351	2.59
155	"TX"	13	0	48	476.22	384.74	64	6.16588	5.95256	55.31
156	"TX"	14	0	47	645.99	600.11	58	6.47078	6.39712	51.84
157	"TX"	23	0	35	6.36	187.30	51	1.85081	5.23272	3.29
158	"TX"	26	1	31	189.78	314.90	32	5.24587	5.75226	37.60
159	"UT"	1	1	40	391.93	426.90	28	5.97108	6.05655	47.86
160	"UT"	2	0	43	254.82	676.47	60	5.54057	6.51689	27.36
161	"VA"	1	1	27	30.30	284.70	40	3.41121	5.65144	9.62
162	"VA"	10	1	32	241.45	758.36	43	5.48664	6.63117	24.15
163	"WA"	1	1	45	625.93	1321.02	51	6.43923	7.18616	32.15
164	"WA"	3	0	50	354.14	684.21	49	5.86970	6.52826	34.11
165	"WA"	5	0	24	13.53	476.46	52	2.60521	6.16638	2.76
166	"WA"	6	0	32	37.62	288.17	50	3.62754	5.66354	11.55
167	"WA"	8	1	29	12.60	300.05	44	2.53378	5.70394	4.03
168	"WV"	1	0	25	15.22	103.15	49	2.72261	4.63622	12.86
169	"WV"	4	0	39	32.04	152.27	42	3.46695	5.02566	17.38
170	"WI"	3	1	32	22.63	359.80	53	3.11910	5.88555	5.92
171	"WI"	5	0	36	197.46	1278.53	36	5.28554	7.15346	13.38
172	"WI"	7	0	38	202.59	450.72	46	5.31119	6.11084	31.01
173	"WI"	8	1	30	14.42	227.82	47	2.66869	5.42857	5.95

The SAS System

The REG Procedure
Model: MODEL1
Dependent Variable: voteA voteA

Number of Observations Read	173
Number of Observations Used	173

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	4	38822	9705.54427	169.23	<.0001
Error	168	9635.07147	57.35162		
Corrected Total	172	48457			

Root MSE	7.57308	R-Square	0.8012
Dependent Mean	50.50289	Adj R-Sq	0.7964
Coeff Var	14.99535		

Parameter Estimates

Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	Intercept	1	37.66142	4.73604	7.95	<.0001
prtystrA	prtystrA	1	0.25192	0.07129	3.53	0.0005
democA	democA	1	3.79294	1.40652	2.70	0.0077
lexpendA	lexpendA	1	5.77929	0.39182	14.75	<.0001
lexpendB	lexpendB	1	-6.23784	0.39746	-15.69	<.0001

The SAS System

The REG Procedure
Model: MODEL1
Dependent Variable: voteA voteA
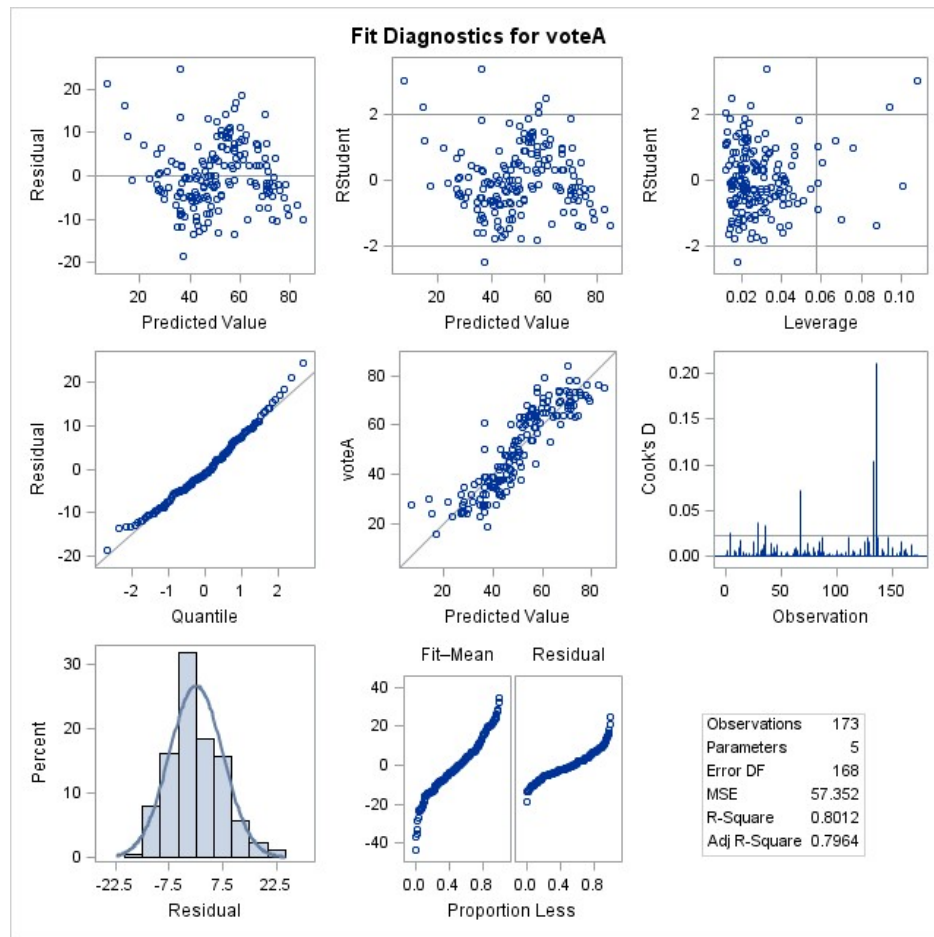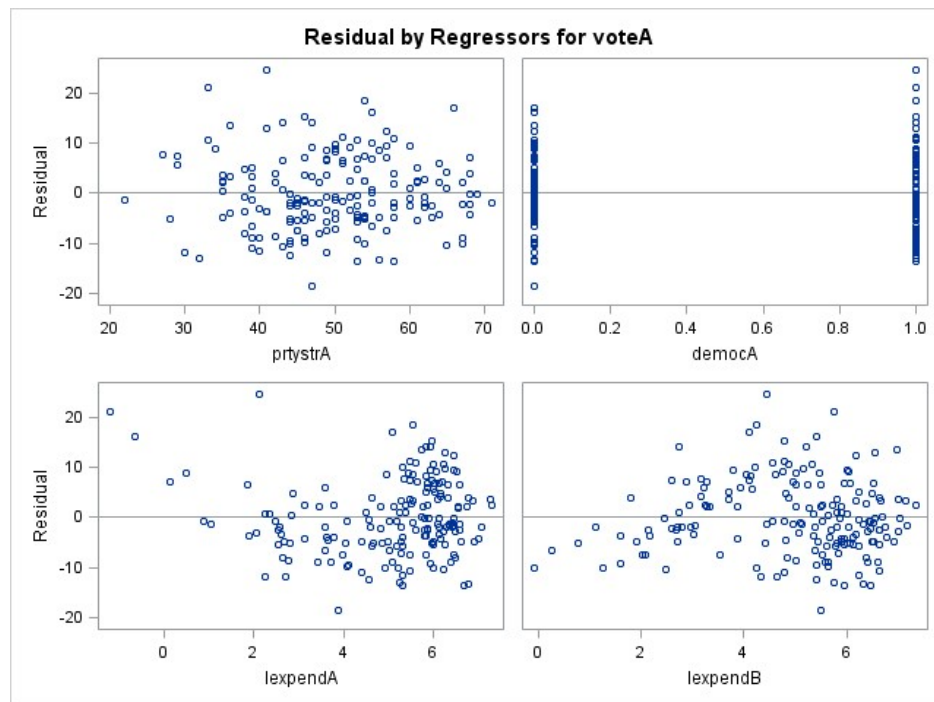
Fit Diagnostics for voteA

Residual by Regressors for voteA

The SAS System

Obs	state	district	democA	voteA	expendA	expendB	prtystrA	lexpendA	lexpendB	shareA	residual
1	"AL"	7	1	68	328.30	8.74	41	5.79392	2.16757	97.41	-3.7468
2	"AK"	1	0	62	626.38	402.48	60	6.43995	5.99764	60.88	9.4174
3	"AZ"	2	1	73	99.61	3.07	55	4.60123	1.12005	97.01	-1.9150
4	"AZ"	3	0	69	319.69	26.28	64	5.76735	3.26885	92.40	2.2752
5	"AR"	3	0	75	159.22	60.05	66	5.07029	4.09524	72.61	16.9548
6	"AR"	4	1	69	570.16	21.39	46	6.34591	3.06306	96.38	-1.6105
7	"CA"	2	0	59	696.75	193.91	58	6.54642	5.26742	78.23	1.7510
8	"CA"	3	1	71	638.69	7.70	49	6.45942	2.04057	98.81	-7.4004
9	"CA"	5	1	76	616.94	19.25	71	6.42477	2.95725	96.97	-2.0243
10	"CA"	6	1	73	351.69	50.53	64	5.86274	3.92261	87.44	6.0090
11	"CA"	7	1	68	269.89	14.71	53	5.59800	2.68853	94.83	-2.3879
12	"CA"	11	1	71	269.51	95.57	58	5.59661	4.55991	73.82	11.0340
13	"CA"	12	0	52	1440.64	1089.57	49	7.27284	6.99354	56.94	3.5873
14	"CA"	16	1	79	252.34	69.56	54	5.53076	4.24223	78.39	18.4405
15	"CA"	19	0	50	1470.67	1548.19	54	7.29348	7.34484	48.72	2.3998
16	"CA"	23	1	64	140.49	100.96	56	4.94511	4.61469	58.19	8.6447
17	"CA"	24	1	72	191.33	15.45	65	5.25402	2.73754	92.53	0.8828
18	"CA"	27	1	68	398.60	15.24	54	5.98795	2.72386	96.32	-4.6731
19	"CA"	30	1	60	460.62	382.11	53	6.13258	5.94571	54.66	6.8404
20	"CA"	32	1	67	457.41	20.61	49	6.12558	3.02568	95.69	-3.3262
21	"CA"	34	1	63	227.10	149.89	50	5.42538	5.00988	60.24	8.8457
22	"CA"	36	1	54	532.90	218.70	47	6.27833	5.38768	70.90	-1.9713
23	"CA"	37	0	64	122.84	13.56	68	4.81087	2.60698	90.06	-2.3334
24	"CA"	40	0	67	1110.13	47.75	68	7.01223	3.86590	95.88	-4.2027
25	"CA"	42	0	64	494.49	11.89	65	6.20352	2.47561	97.65	-10.4456
26	"CO"	1	1	70	217.50	26.04	61	5.38221	3.25963	89.31	2.4063
27	"CO"	2	1	63	721.65	85.10	50	6.58154	4.44377	89.45	-1.3674
28	"CO"	3	1	78	482.79	17.94	46	6.17958	2.88681	96.42	7.2513
29	"CO"	5	0	75	183.23	0.93	67	5.21074	-0.07257	99.50	-10.1070
30	"CO"	6	0	63	636.20	489.30	57	6.45552	6.19298	56.53	12.3017
31	"CT"	2	1	64	727.92	246.90	49	6.59019	5.50900	74.67	6.4792
32	"CT"	4	0	72	372.68	44.41	57	5.92072	3.79347	89.35	9.4247
33	"CT"	6	0	66	399.37	128.85	53	5.98989	4.85867	75.61	10.6772
34	"DE"	1	1	68	371.75	184.71	43	5.91821	5.21880	66.81	14.0641
35	"FL"	1	1	67	210.94	23.91	27	5.35157	3.17438	89.82	7.6168
36	"FL"	4	0	50	313.42	1069.70	36	5.74753	6.97513	22.66	13.5626
37	"FL"	6	0	54	408.29	503.65	61	6.01198	6.22189	44.77	5.0377
38	"FL"	14	1	55	971.88	777.99	47	6.87924	6.65671	55.54	3.4719
39	"FL"	19	1	72	337.60	4.91	41	5.82185	1.59066	98.57	-3.5069
40	"GA"	1	1	67	337.05	40.46	39	5.82023	3.70034	89.28	5.1662
41	"GA"	4	1	60	516.74	696.30	41	6.24753	6.54578	42.60	12.9422
42	"GA"	5	1	78	101.54	6.05	68	4.62045	1.79956	94.38	3.9377
43	"GA"	6	0	59	838.71	358.35	67	6.73186	5.88152	70.06	2.2427
44	"GA"	7	1	65	382.28	60.69	29	5.94616	4.10585	86.30	7.4870
45	"GA"	9	1	63	405.04	64.40	29	6.00399	4.16511	86.28	5.5225

46	"GA"	10	1	64	193.12	6.76	35	5.26333	1.91102	96.62	-4.7691
47	"ID"	2	1	63	502.08	206.96	33	6.21877	5.33253	70.81	10.5557
48	"IL"	4	1	50	359.94	348.34	44	5.88594	5.85318	50.82	-0.0442
49	"IL"	5	1	61	165.14	48.94	48	5.10682	3.89060	77.14	2.2087
50	"IL"	6	0	74	281.23	26.56	68	5.63917	3.27922	91.37	7.0730
51	"IL"	9	1	66	122.90	28.32	61	4.81137	3.34371	81.27	2.2299
52	"IL"	11	1	65	239.16	41.26	46	5.47712	3.71987	85.29	3.5075
53	"IL"	17	1	65	471.23	124.13	53	6.15535	4.82135	79.15	4.6952
54	"IL"	19	1	64	193.21	16.24	45	5.26375	2.78754	92.25	-1.8232
55	"IL"	20	1	69	251.63	57.71	49	5.52798	4.05540	81.34	8.5508
56	"IL"	21	1	53	394.41	69.49	54	5.97740	4.24113	85.02	-10.1476
57	"IN"	2	1	53	444.42	332.88	35	6.09678	5.80778	57.17	3.7215
58	"IN"	5	1	56	689.09	244.99	35	6.53537	5.50120	73.77	2.2743
59	"IN"	6	0	73	333.72	11.74	69	5.81031	2.46326	96.60	-0.2578
60	"IN"	8	1	62	551.48	130.24	42	6.31261	4.86940	80.90	3.8572
61	"IN"	10	1	61	35.79	24.92	51	3.57756	3.21563	58.95	6.0807
62	"IA"	5	0	64	420.73	115.70	47	6.04199	4.75101	78.43	9.2160
63	"IA"	6	0	64	523.11	175.95	50	6.25979	5.17021	74.83	9.8164
64	"KS"	2	1	73	388.87	119.26	46	5.96324	4.78133	76.53	15.3193
65	"KS"	3	0	74	234.58	13.48	54	5.45781	2.60143	94.56	7.4200
66	"KS"	4	1	64	545.76	149.04	43	6.30217	5.00418	78.55	6.5064
67	"KY"	2	1	61	8.40	84.10	41	2.12788	4.43203	9.08	24.5657
68	"KY"	3	1	70	371.43	4.93	53	5.91736	1.59554	98.69	-9.0514
69	"KY"	4	0	74	468.87	23.64	65	6.15033	3.16277	95.20	4.1483
70	"KY"	7	1	59	411.70	432.40	55	6.02029	6.06936	48.77	6.7568
71	"ME"	2	0	66	202.32	68.39	55	5.30984	4.22523	74.74	10.1523
72	"MD"	3	1	73	354.70	18.89	54	5.87128	2.93879	94.94	2.3420
73	"MA"	4	1	60	343.10	34.37	57	5.83801	3.53713	90.90	-7.4892
74	"MA"	5	1	84	344.93	15.40	47	5.84334	2.73411	95.73	13.9900
75	"MA"	6	1	70	337.20	63.01	50	5.82067	4.14334	84.26	8.1559
76	"MA"	10	1	67	235.95	121.06	51	5.46360	4.79625	66.09	11.0403
77	"MI"	2	0	54	876.78	750.49	58	6.77626	6.62073	53.88	3.8644
78	"MI"	3	1	57	600.94	164.86	45	6.39850	5.10507	78.47	-0.9248
79	"MI"	4	0	71	323.83	8.58	63	5.78022	2.14908	97.42	-2.5322
80	"MI"	7	1	76	150.59	1.31	55	5.01459	0.27003	99.14	-6.6062
81	"MI"	8	1	72	128.40	2.19	50	4.85515	0.78299	98.32	-5.2254
82	"MI"	9	0	70	450.80	14.87	62	6.11103	2.69908	96.81	-1.7613
83	"MI"	11	0	60	680.82	415.66	52	6.52330	6.02987	62.09	9.1522
84	"MI"	12	1	54	434.20	143.89	39	6.07351	4.96902	75.11	-1.3838
85	"MI"	14	1	63	137.56	3.54	44	4.92406	1.26328	97.49	-10.1162
86	"MI"	15	1	64	234.43	7.99	45	5.45718	2.07857	96.70	-7.3635
87	"MI"	18	1	23	9.46	77.10	30	2.24697	4.34514	10.93	-11.8935
88	"MN"	2	1	42	152.29	623.78	49	5.02582	6.43579	19.62	-0.6986
89	"MN"	4	0	28	35.79	216.17	39	3.57764	5.37607	14.20	-6.6274
90	"MN"	5	0	28	16.92	281.45	35	2.82820	5.63997	5.67	0.3577
91	"MN"	6	0	35	100.94	320.22	49	4.61454	5.76901	23.97	-5.6880
92	"MN"	8	0	25	7.74	157.80	40	2.04679	5.06134	4.68	-2.9953
93	"MO"	3	0	37	202.52	512.21	53	5.31086	6.23873	28.34	-5.7899

	"MO"	6	1	41	198.62	341.34	50	5.29138	5.83289	36.78	-7.2460
95	"MO"	7	1	47	215.06	338.13	39	5.37094	5.82342	38.88	1.0062
96	"MO"	8	1	42	516.24	768.79	45	6.24657	6.64482	40.17	-5.4421
97	"MO"	9	0	32	9.56	210.84	55	2.25811	5.35110	4.34	0.8121
98	"MT"	1	0	39	58.20	250.28	52	4.06395	5.52256	18.87	-0.7991
99	"MT"	2	1	45	394.10	380.93	46	5.97661	5.94261	50.85	-5.5141
100	"NE"	1	1	33	96.28	221.53	44	4.56724	5.40056	30.29	-12.2464
101	"NE"	2	0	49	1158.29	858.76	58	7.05470	6.75549	57.42	-1.9042
102	"NV"	1	0	36	147.89	652.20	58	4.99648	6.48035	18.48	-4.7254
103	"NJ"	3	0	48	981.86	678.65	63	6.88945	6.52010	59.13	-4.6771
104	"NJ"	4	1	34	53.96	252.82	45	3.98832	5.53269	17.59	-7.3283
105	"NJ"	6	0	38	38.92	123.63	54	3.66148	4.81731	23.94	-4.3762
106	"NJ"	9	0	32	57.26	403.06	54	4.04760	5.99908	12.44	-5.2359
107	"NM"	1	1	49	576.68	559.13	46	6.35728	6.32639	50.77	-1.3202
108	"NM"	3	0	27	41.67	267.63	46	3.72976	5.58962	13.47	-8.9379
109	"NY"	3	0	43	90.89	364.09	60	4.50967	5.89739	19.98	0.9478
110	"NY"	5	1	35	35.63	337.79	44	3.57310	5.82243	9.54	-1.8694
111	"NY"	15	1	39	162.16	602.94	67	5.08857	6.40182	21.19	-8.8076
112	"NY"	17	0	16	2.85	170.57	22	1.04767	5.13913	1.64	-1.2014
113	"NY"	22	1	29	10.43	411.06	43	2.34440	6.01873	2.47	0.7081
114	"NY"	23	0	38	174.79	273.51	44	5.16359	5.61132	38.99	-5.5852
115	"NY"	24	1	28	15.94	151.28	42	2.76858	5.01911	9.53	-8.7270
116	"NY"	27	1	43	645.12	594.97	48	6.46944	6.38850	52.02	-8.0848
117	"NY"	30	0	43	310.70	802.89	55	5.73884	6.68821	27.90	0.0366
118	"NY"	31	1	47	453.46	688.38	44	6.11691	6.53434	39.71	-0.1300
119	"NC"	1	0	35	16.76	82.15	54	2.81888	4.40851	16.94	-5.0565
120	"NC"	4	0	42	745.73	1006.64	56	6.61436	6.91437	42.56	-4.8644
121	"NC"	5	0	47	718.02	756.11	60	6.57649	6.62819	48.71	-2.4384
122	"NC"	6	1	38	583.01	738.09	39	6.36821	6.60406	44.13	-8.8878
123	"NC"	8	0	48	242.78	581.89	62	5.49216	6.36628	29.44	2.6907
124	"NC"	10	1	39	44.33	302.21	35	3.79164	5.71114	12.79	2.4407
125	"ND"	1	0	29	1.15	143.21	57	0.14323	4.96431	0.80	7.1181
126	"OH"	2	1	28	13.96	125.68	38	2.63627	4.83376	10.00	-8.1108
127	"OH"	6	1	26	43.49	884.75	36	3.77242	6.78531	4.68	-3.9996
128	"OH"	9	0	19	47.94	244.03	47	3.87005	5.49729	16.42	-18.5765
129	"OH"	11	0	38	860.77	561.07	56	6.75782	6.32985	60.54	-13.3397
130	"OH"	14	0	25	13.24	419.01	48	2.58355	6.03788	3.06	-2.0212
131	"OH"	15	1	25	6.68	211.96	38	1.89942	5.35641	3.06	-3.5921
132	"OH"	17	0	23	2.39	96.00	38	0.87171	4.56438	2.43	-0.8003
133	"OH"	19	0	30	0.52	226.09	55	-0.65009	5.42092	0.23	16.0550
134	"OK"	1	1	48	253.59	484.58	39	5.53570	6.18329	34.35	3.2988
135	"OK"	2	0	35	81.63	358.70	53	4.40225	5.88250	18.54	-4.7608
136	"OK"	5	1	28	0.30	318.82	33	-1.19733	5.76463	0.09	21.1109
137	"OR"	4	0	28	58.56	279.81	46	4.07010	5.63411	17.31	-9.6273
138	"PA"	1	0	24	1.64	234.96	34	0.49652	5.45940	0.69	8.9587
139	"PA"	3	0	37	23.10	250.48	52	3.13988	5.52338	8.44	2.5465
140	"PA"	6	0	37	12.00	121.43	62	2.48507	4.79938	8.99	-0.7045
141	"PA"	7	1	32	203.58	507.36	40	5.31607	6.22922	28.64	-11.3973

	"PA"	8	0	43	507.68	1089.61	62	6.22986	6.99358	31.78	-2.6597
143	"PA"	13	1	33	60.67	225.41	44	4.10548	5.41793	21.21	-9.4694
144	"PA"	15	1	43	355.02	752.33	45	5.87216	6.62318	32.06	-2.4133
145	"PA"	23	1	38	106.46	336.67	44	4.66780	5.81912	24.02	-5.2166
146	"RI"	1	1	44	801.29	385.40	58	6.68622	5.95429	67.52	-13.5654
147	"SC"	1	1	36	82.04	118.70	39	4.40715	4.77662	40.87	-10.9536
148	"SC"	3	0	46	354.58	641.43	67	5.87092	6.46370	35.60	-2.1502
149	"SC"	4	0	48	630.91	1143.35	68	6.44717	7.04172	35.56	-0.1268
150	"SD"	1	0	28	199.42	632.10	53	5.29541	6.44906	23.98	-13.3886
151	"TN"	6	0	24	12.62	454.35	61	2.53552	6.11886	2.70	-5.5135
152	"TX"	1	0	38	94.48	505.61	53	4.54836	6.22577	15.74	-0.4640
153	"TX"	5	0	39	179.20	646.22	50	5.18851	6.47114	21.71	-0.8773
154	"TX"	6	1	32	17.41	654.26	38	2.85728	6.48351	2.59	4.9028
155	"TX"	13	0	48	476.22	384.74	64	6.16588	5.95256	55.31	-4.2875
156	"TX"	14	0	47	645.99	600.11	58	6.47078	6.39712	51.84	-2.7650
157	"TX"	23	0	35	6.36	187.30	51	1.85081	5.23272	3.29	6.4353
158	"TX"	26	1	31	189.78	314.90	32	5.24587	5.75226	37.60	-12.9514
159	"UT"	1	1	40	391.93	426.90	28	5.97108	6.05655	47.86	-5.2369
160	"UT"	2	0	43	254.82	676.47	60	5.54057	6.51689	27.36	-1.1457
161	"VA"	1	1	27	30.30	284.70	40	3.41121	5.65144	9.62	-8.9927
162	"VA"	10	1	32	241.45	758.36	43	5.48664	6.63117	24.15	-10.6316
163	"WA"	1	1	45	625.93	1321.02	51	6.43923	7.18616	32.15	-1.6903
164	"WA"	3	0	50	354.14	684.21	49	5.86970	6.52826	34.11	6.7941
165	"WA"	5	0	24	13.53	476.46	52	2.60521	6.16638	2.76	-3.3525
166	"WA"	6	0	32	37.62	288.17	50	3.62754	5.66354	11.55	-3.8936
167	"WA"	8	1	29	12.60	300.05	44	2.53378	5.70394	4.03	-2.6019
168	"WV"	1	0	25	15.22	103.15	49	2.72261	4.63622	12.86	-11.8201
169	"WV"	4	0	39	32.04	152.27	42	3.46695	5.02566	17.38	2.0708
170	"WI"	3	1	32	22.63	359.80	53	3.11910	5.88555	5.92	-4.1191
171	"WI"	5	0	36	197.46	1278.53	36	5.28554	7.15346	13.38	3.3450
172	"WI"	7	0	38	202.59	450.72	46	5.31119	6.11084	31.01	-3.8261
173	"WI"	8	1	30	14.42	227.82	47	2.66869	5.42857	5.95	-4.8551

The SAS System

The REG Procedure
Model: MODEL1
Dependent Variable: residual Residual

Number of Observations Read	173
Number of Observations Used	173

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	4	0	0	0.00	1.0000
Error	168	9635.07147	57.35162		
Corrected Total	172	9635.07147			

Root MSE	7.57308	R-Square	0.0000
Dependent Mean	2.79288E-15	Adj R-Sq	-0.0238
Coeff Var	2.711564E17		

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	Intercept	1	-5.3928E-13	4.73604	-0.00	1.0000
prtystrA	prtystrA	1	5.04888E-15	0.07129	0.00	1.0000
democA	democA	1	8.484E-14	1.40652	0.00	1.0000
lexpendA	lexpendA	1	-6.6137E-15	0.39182	-0.00	1.0000
lexpendB	lexpendB	1	5.60259E-14	0.39746	0.00	1.0000

The SAS System

The REG Procedure
Model: MODEL1
Dependent Variable: residual Residual

Fit Diagnostics for residual

Residual by Regressors for residual
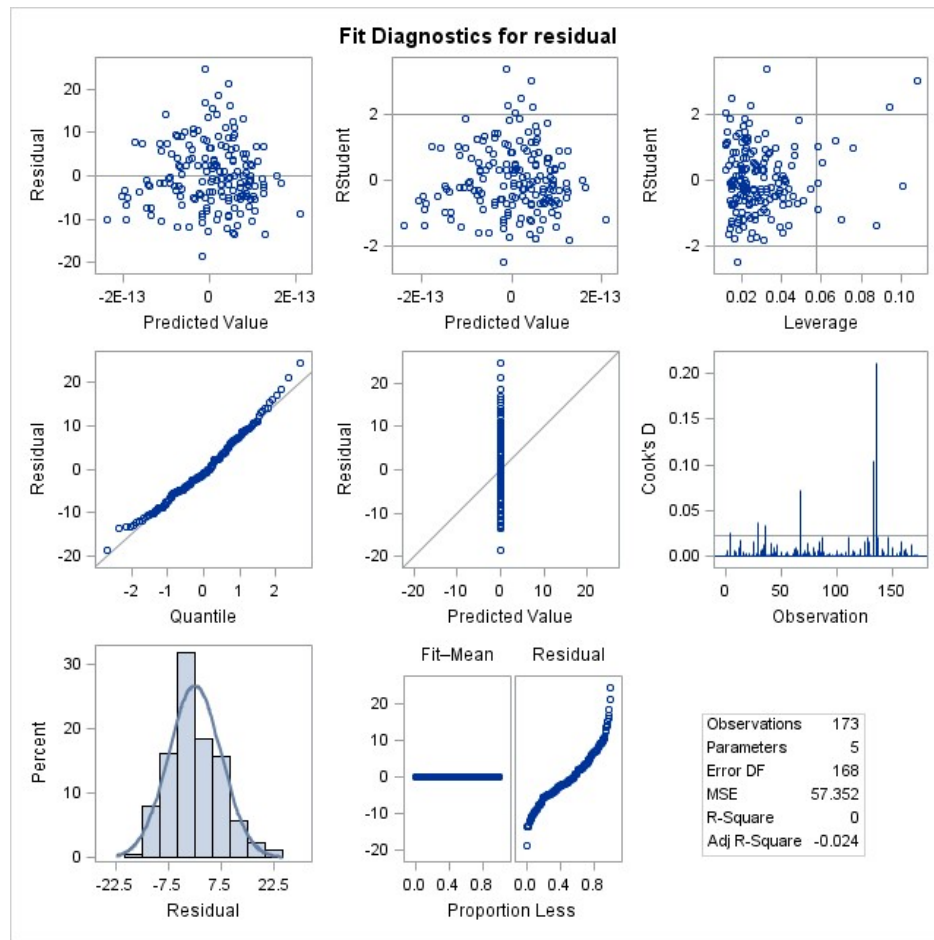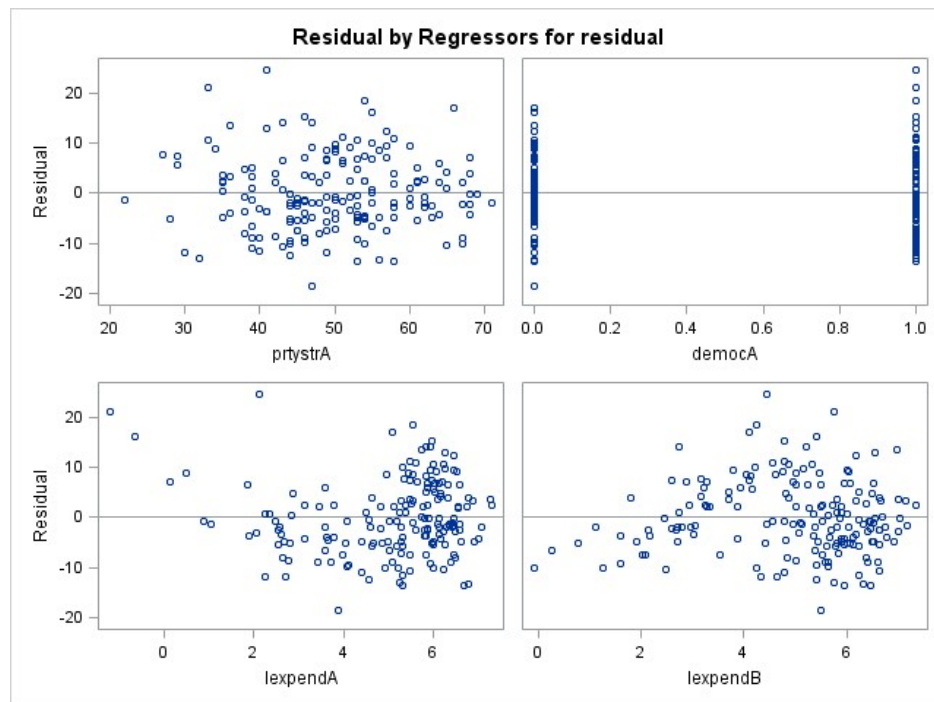
The SAS System

The MODEL Procedure

Model Summary	
Model Variables	1
Parameters	5
Equations	1
Number of Statements	1

Model Variables	voteA
Parameters	b0 b1 b2 b3 b4
Equations	voteA

The Equation to Estimate is
voteA = F(b0(1), b1(prtystrA), b2(democA), b3(lexpendA), b4(lexpendB))

NOTE: At OLS Iteration 1 CONVERGE=0.001 Criteria Met.

The SAS System

The MODEL Procedure
OLS Estimation Summary

Data Set Options	
DATA=	VOTE

Minimization Summary	
Parameters Estimated	5
HCCME Used	e**2
Method	Gauss
Iterations	1

Final Convergence Criteria	
R	0
PPC	0
RPC(b0)	372884.3
Object	0.98032
Trace(S)	57.35162
Objective Value	55.69405

Observations Processed	
Read	173
Solved	173

The SAS System

The MODEL Procedure

Nonlinear OLS Summary of Residual Errors								
Equation	DF Model	DF Error	SSE	MSE	Root MSE	R-Square	Adj R-Sq	Label
voteA	5	168	9635.1	57.3516	7.5731	0.8012	0.7964	voteA

Nonlinear OLS Parameter Estimates				
Parameter	Estimate	Approx Std Err	t Value	Approx Pr > |t|
b0	37.66142	4.3546	8.65	<.0001
b1	0.251918	0.0651	3.87	0.0002
b2	3.792943	1.4310	2.65	0.0088
b3	5.779294	0.5254	11.00	<.0001
b4	-6.23784	0.3510	-17.77	<.0001

Number of Observations		Statistics for System	
Used	173	Objective	55.6941
Missing	0	Objective*N	9635

Heteroscedasticity Test					
Equation	Test	Statistic	DF	Pr > ChiSq	Variables
voteA	White's Test	31.10	13	0.0033	Cross of all vars
	Breusch-Pagan	9.09	4	0.0588	1, prtystrA, democA, lexpendA, lexpendB

The SAS System

The MODEL Procedure

Fit Diagnostics for voteA

Observations 173   MSE 57.35162   Model DF 5

Fit Diagnostics for voteA

Observations 173   MSE 57.35162   Model DF 5
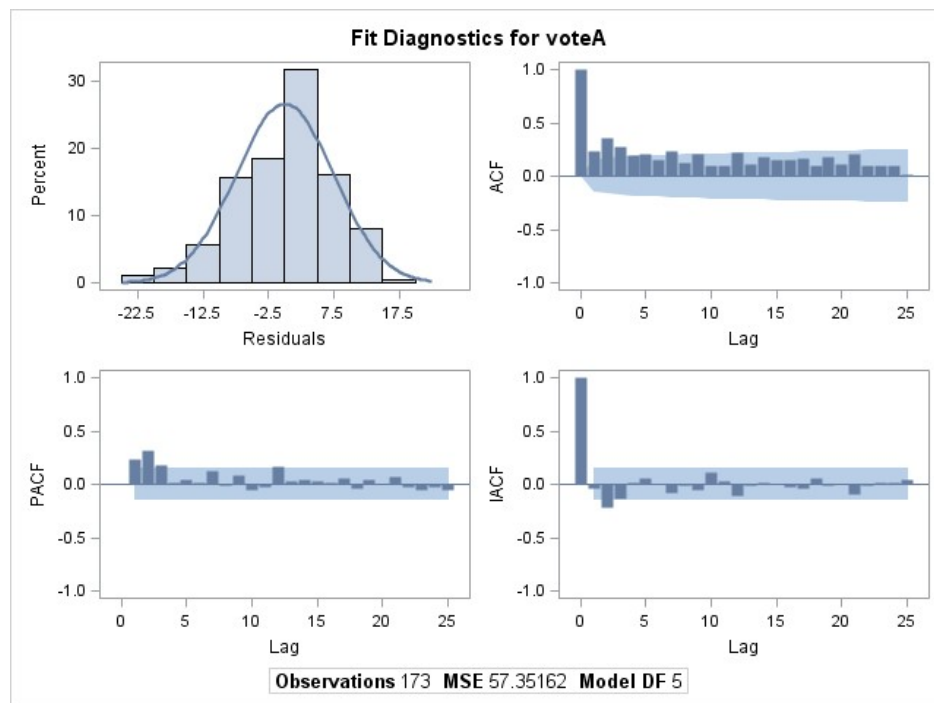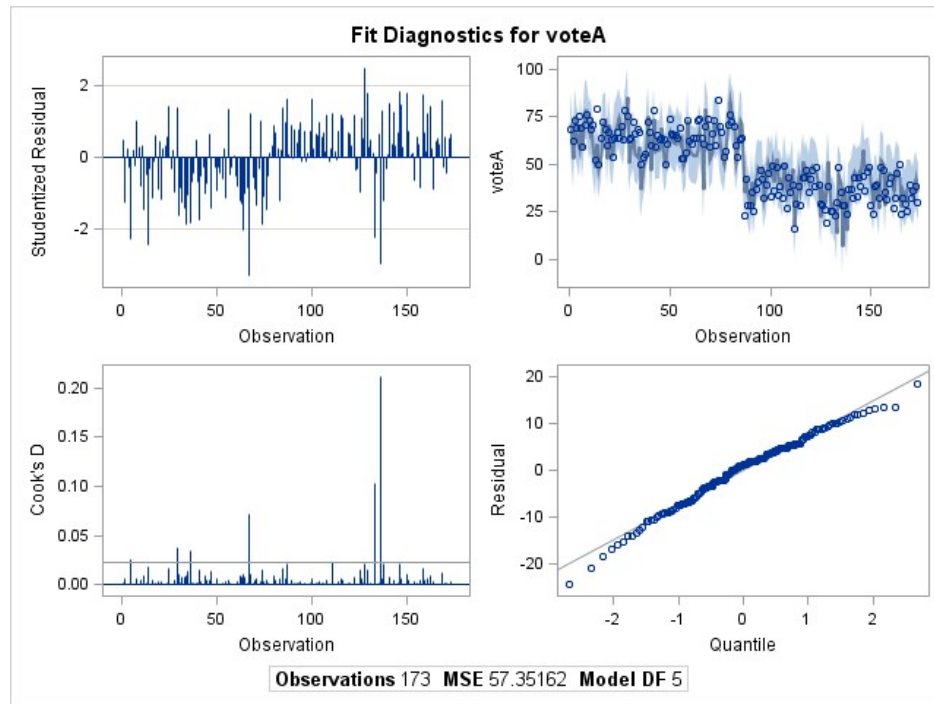
The SAS System

Obs	educ	cigpric	white	age	income	cigs	restaurn	lincome	agesq	lcigpric
1	16.0	60.506	1	46	20000	0	0	9.9035	2116	4.10274
2	16.0	57.883	1	40	30000	0	0	10.3090	1600	4.05842
3	12.0	57.664	1	58	30000	3	0	10.3090	3364	4.05463
4	13.5	57.883	1	30	20000	0	0	9.9035	900	4.05842
5	10.0	58.320	1	17	20000	0	0	9.9035	289	4.06595
6	6.0	59.340	1	86	6500	0	0	8.7796	7396	4.08328
7	12.0	57.883	1	35	20000	0	0	9.9035	1225	4.05842
8	15.0	57.883	1	48	30000	0	0	10.3090	2304	4.05842
9	12.0	59.195	1	48	20000	0	0	9.9035	2304	4.08084
10	12.0	58.028	1	31	20000	0	0	9.9035	961	4.06093
11	13.5	57.883	1	27	30000	10	0	10.3090	729	4.05842
12	12.0	60.288	1	24	20000	20	0	9.9035	576	4.09913
13	10.0	57.883	1	71	8500	30	0	9.0478	5041	4.05842
14	6.0	58.028	1	44	30000	0	0	10.3090	1936	4.06093
15	16.0	60.746	1	22	30000	0	0	10.3090	484	4.10670
16	12.0	60.071	1	29	20000	20	0	9.9035	841	4.09553
17	12.0	60.282	1	33	20000	0	0	9.9035	1089	4.09903
18	12.0	60.704	1	34	20000	30	0	9.9035	1156	4.10601
19	13.5	59.860	1	30	8500	0	0	9.0478	900	4.09201
20	10.0	60.324	0	48	30000	20	0	10.3090	2304	4.09973
21	6.0	59.045	1	61	5500	0	0	8.6125	3721	4.07830
22	18.0	60.294	1	49	30000	0	0	10.3090	2401	4.09923
23	12.0	59.045	1	33	20000	0	0	9.9035	1089	4.07830
24	16.0	60.632	1	24	30000	0	1	10.3090	576	4.10482
25	16.0	61.744	1	36	30000	0	1	10.3090	1296	4.12300
26	15.0	60.862	1	39	20000	12	1	9.9035	1521	4.10861
27	18.0	61.399	1	38	30000	0	1	10.3090	1444	4.11739
28	12.0	60.823	1	29	30000	30	1	10.3090	841	4.10797
29	18.0	62.012	1	23	12500	0	1	9.4335	529	4.12733
30	16.0	61.322	0	51	20000	0	1	9.9035	2601	4.11614
31	13.5	62.089	1	28	20000	0	1	9.9035	784	4.12857
32	10.0	61.015	1	47	12500	30	1	9.4335	2209	4.11112
33	10.0	62.489	1	80	12500	0	1	9.4335	6400	4.13499
34	10.0	61.667	1	62	30000	2	1	10.3090	3844	4.12175
35	10.0	62.012	1	51	12500	0	1	9.4335	2601	4.12733
36	10.0	61.667	1	51	20000	35	1	9.9035	2601	4.12175
37	12.0	61.053	1	69	12500	0	1	9.4335	4761	4.11174
38	12.0	61.092	1	28	8500	0	1	9.0478	784	4.11238
39	18.0	61.974	1	38	20000	0	1	9.9035	1444	4.12672
40	15.0	61.168	1	30	30000	0	1	10.3090	900	4.11362
41	18.0	60.862	1	32	30000	25	1	10.3090	1024	4.10861
42	8.0	61.629	0	71	12500	0	1	9.4335	5041	4.12113
43	10.0	62.489	1	18	20000	0	1	9.9035	324	4.13499
44	13.5	62.089	1	26	8500	15	1	9.0478	676	4.12857
45	10.0	61.744	1	30	20000	20	1	9.9035	900	4.12300

46	12.0	60.670	1	19	3500	0	1	8.1605	361	4.10545
47	12.0	61.168	1	19	6500	20	1	8.7796	361	4.11362
48	13.5	61.245	1	21	1500	0	1	7.3132	441	4.11488
49	16.0	62.089	1	44	20000	0	1	9.9035	1936	4.12857
50	10.0	60.555	1	69	30000	30	1	10.3090	4761	4.10355
51	16.0	60.555	1	53	20000	0	1	9.9035	2809	4.10355
52	8.0	62.241	1	53	12500	20	1	9.4335	2809	4.13101
53	6.0	61.705	1	38	6500	10	1	8.7796	1444	4.12237
54	10.0	60.555	1	49	30000	20	1	10.3090	2401	4.10355
55	18.0	61.437	1	24	20000	0	1	9.9035	576	4.11801
56	16.0	61.322	1	57	8500	0	1	9.0478	3249	4.11614
57	15.0	61.168	1	28	20000	0	1	9.9035	784	4.11362
58	12.0	61.207	1	32	20000	20	1	9.9035	1024	4.11426
59	13.5	60.823	1	55	20000	0	1	9.9035	3025	4.10797
60	13.5	60.632	1	47	30000	0	1	10.3090	2209	4.10482
61	13.5	60.785	1	26	20000	0	1	9.9035	676	4.10734
62	10.0	60.555	1	26	6500	20	1	8.7796	676	4.10355
63	16.0	60.708	0	61	30000	0	1	10.3090	3721	4.10608
64	10.0	60.670	1	48	20000	0	1	9.9035	2304	4.10545
65	18.0	62.736	1	32	30000	0	1	10.3090	1024	4.13894
66	16.0	62.089	1	29	12500	0	1	9.4335	841	4.12857
67	18.0	62.571	0	47	30000	0	1	10.3090	2209	4.13630
68	10.0	60.708	0	62	20000	0	1	9.9035	3844	4.10608
69	16.0	62.159	0	30	8500	0	1	9.0478	900	4.12970
70	13.5	61.667	1	21	20000	0	1	9.9035	441	4.12175
71	12.0	61.207	1	28	2500	0	1	7.8240	784	4.11426
72	12.0	61.053	1	50	30000	20	1	10.3090	2500	4.11174
73	12.0	61.475	1	69	6500	0	1	8.7796	4761	4.11863
74	13.5	61.629	1	37	20000	60	1	9.9035	1369	4.12113
75	12.0	61.744	0	40	30000	20	1	10.3090	1600	4.12300
76	6.0	61.437	1	47	20000	3	1	9.9035	2209	4.11801
77	10.0	61.936	1	78	2500	0	1	7.8240	6084	4.12610
78	18.0	61.744	1	38	30000	0	1	10.3090	1444	4.12300
79	13.5	62.489	1	25	30000	0	1	10.3090	625	4.13499
80	12.0	61.322	1	67	8500	0	1	9.0478	4489	4.11614
81	13.5	60.900	1	50	30000	12	1	10.3090	2500	4.10923
82	13.5	61.552	1	47	30000	0	1	10.3090	2209	4.11988
83	8.0	62.489	1	76	6500	0	1	8.7796	5776	4.13499
84	8.0	60.785	1	28	30000	0	1	10.3090	784	4.10734
85	12.0	61.514	0	32	20000	0	1	9.9035	1024	4.11927
86	12.0	61.897	0	28	20000	0	1	9.9035	784	4.12547
87	12.0	61.168	1	53	30000	20	1	10.3090	2809	4.11362
88	12.0	60.823	1	57	20000	0	1	9.9035	3249	4.10797
89	18.0	61.590	1	42	30000	0	1	10.3090	1764	4.12050
90	15.0	61.092	1	49	12500	0	1	9.4335	2401	4.11238
91	18.0	61.782	1	31	20000	25	1	9.9035	961	4.12361
92	12.0	61.437	1	20	8500	0	1	9.0478	400	4.11801
93	18.0	61.897	1	45	20000	40	1	9.9035	2025	4.12547

	18.0	60.555	0	63	30000	0	1	10.3090	3969	4.10355
95	15.0	61.705	1	61	30000	0	1	10.3090	3721	4.12237
96	13.5	61.859	0	35	12500	30	1	9.4335	1225	4.12486
97	6.0	61.705	1	59	12500	0	1	9.4335	3481	4.12237
98	10.0	62.654	0	17	8500	0	1	9.0478	289	4.13763
99	18.0	62.736	1	38	30000	0	1	10.3090	1444	4.13894
100	13.5	61.245	1	41	30000	0	1	10.3090	1681	4.11488
101	12.0	61.897	1	35	30000	0	1	10.3090	1225	4.12547
102	12.0	61.590	0	40	30000	0	1	10.3090	1600	4.12050
103	13.5	62.571	1	37	30000	0	1	10.3090	1369	4.13630
104	12.0	62.406	0	27	5500	13	1	8.6125	729	4.13366
105	12.0	60.862	1	48	20000	0	1	9.9035	2304	4.10861
106	12.0	62.089	0	18	30000	0	1	10.3090	324	4.12857
107	12.0	60.862	0	43	20000	0	1	9.9035	1849	4.10861
108	10.0	62.012	1	20	3500	0	1	8.1605	400	4.12733
109	8.0	60.823	1	19	12500	1	1	9.4335	361	4.10797
110	13.5	60.708	1	22	12500	0	1	9.4335	484	4.10608
111	16.0	60.708	1	60	20000	0	1	9.9035	3600	4.10608
112	13.5	61.744	1	47	30000	0	1	10.3090	2209	4.12300
113	10.0	61.629	0	77	20000	0	1	9.9035	5929	4.12113
114	13.5	61.360	1	26	20000	0	1	9.9035	676	4.11676
115	12.0	62.654	0	37	20000	20	1	9.9035	1369	4.13763
116	13.5	62.159	0	40	30000	15	1	10.3090	1600	4.12970
117	6.0	61.284	0	44	8500	0	1	9.0478	1936	4.11552
118	6.0	62.012	1	65	2500	0	1	7.8240	4225	4.12733
119	16.0	60.900	1	26	30000	0	1	10.3090	676	4.10923
120	8.0	60.862	0	77	20000	0	1	9.9035	5929	4.10861
121	12.0	61.207	0	73	12500	0	1	9.4335	5329	4.11426
122	10.0	60.938	1	64	30000	0	1	10.3090	4096	4.10986
123	13.5	61.629	1	28	30000	0	1	10.3090	784	4.12113
124	13.5	60.862	1	26	30000	20	1	10.3090	676	4.10861
125	10.0	61.092	1	64	20000	20	1	9.9035	4096	4.11238
126	12.0	61.667	1	29	6500	0	1	8.7796	841	4.12175
127	12.0	61.974	1	55	20000	40	1	9.9035	3025	4.12672
128	12.0	62.736	1	54	30000	0	1	10.3090	2916	4.13894
129	15.0	61.207	1	42	20000	10	1	9.9035	1764	4.11426
130	13.5	62.736	0	70	12500	0	1	9.4335	4900	4.13894
131	16.0	61.284	1	71	20000	0	1	9.9035	5041	4.11552
132	12.0	61.744	1	24	30000	0	1	10.3090	576	4.12300
133	10.0	61.859	1	38	20000	20	1	9.9035	1444	4.12486
134	15.0	61.936	1	73	6500	0	1	8.7796	5329	4.12610
135	18.0	60.823	1	29	30000	0	1	10.3090	841	4.10797
136	13.5	60.555	1	24	20000	0	1	9.9035	576	4.10355
137	12.0	61.437	1	25	8500	0	1	9.0478	625	4.11801
138	15.0	62.089	1	22	20000	0	1	9.9035	484	4.12857
139	12.0	61.475	1	36	12500	5	1	9.4335	1296	4.11863
140	12.0	53.624	1	28	20000	0	0	9.9035	784	3.98200
141	13.5	53.313	1	27	6500	40	0	8.7796	729	3.97618

	13.5	55.185	1	28	4500	8	0	8.4118	784	4.01069
143	12.0	53.382	1	53	20000	0	0	9.9035	2809	3.97747
144	13.5	54.984	1	23	30000	15	0	10.3090	529	4.00704
145	12.0	53.969	1	19	12500	15	0	9.4335	361	3.98841
146	15.0	54.314	0	25	20000	0	0	9.9035	625	3.99478
147	13.5	54.648	0	34	12500	20	0	9.4335	1156	4.00091
148	13.5	54.141	1	20	30000	0	0	10.3090	400	3.99159
149	10.0	54.314	1	17	20000	0	0	9.9035	289	3.99478
150	16.0	66.587	1	51	30000	20	1	10.3090	2601	4.19851
151	12.0	65.290	1	44	30000	30	1	10.3090	1936	4.17884
152	12.0	65.290	1	29	20000	60	1	9.9035	841	4.17884
153	8.0	66.088	1	65	30000	0	1	10.3090	4225	4.19099
154	12.0	65.290	1	53	30000	0	1	10.3090	2809	4.17884
155	8.0	67.933	0	46	20000	0	1	9.9035	2116	4.21852
156	18.0	65.290	1	51	30000	0	1	10.3090	2601	4.17884
157	18.0	65.540	1	66	30000	0	1	10.3090	4356	4.18266
158	8.0	64.991	0	42	20000	0	1	9.9035	1764	4.17425
159	16.0	65.141	1	32	8500	40	1	9.0478	1024	4.17655
160	13.5	66.437	1	53	30000	25	1	10.3090	2809	4.19625
161	8.0	66.038	1	70	30000	0	1	10.3090	4900	4.19023
162	10.0	65.889	1	30	20000	30	1	9.9035	900	4.18797
163	18.0	65.889	1	42	30000	0	1	10.3090	1764	4.18797
164	12.0	66.537	1	69	30000	0	1	10.3090	4761	4.19776
165	10.0	66.437	1	18	5500	0	1	8.6125	324	4.19625
166	12.0	68.184	1	22	12500	10	1	9.4335	484	4.22221
167	6.0	66.687	0	38	20000	40	1	9.9035	1444	4.20001
168	10.0	66.437	1	52	20000	20	1	9.9035	2704	4.19625
169	10.0	65.141	0	17	30000	0	1	10.3090	289	4.17655
170	12.0	65.041	1	46	20000	0	1	9.9035	2116	4.17502
171	16.0	66.587	1	46	30000	0	1	10.3090	2116	4.19851
172	12.0	66.038	0	35	30000	0	1	10.3090	1225	4.19023
173	12.0	66.338	1	22	30000	16	1	10.3090	484	4.19476
174	12.0	61.546	1	54	20000	20	0	9.9035	2916	4.11979
175	12.0	61.184	1	58	12500	40	0	9.4335	3364	4.11389
176	10.0	62.012	1	27	12500	15	0	9.4335	729	4.12733
177	18.0	61.184	1	47	20000	40	0	9.9035	2209	4.11389
178	16.0	62.012	1	53	30000	40	0	10.3090	2809	4.12733
179	12.0	65.082	1	29	8500	10	0	9.0478	841	4.17565
180	13.5	67.820	1	29	8500	0	0	9.0478	841	4.21686
181	13.5	68.200	1	47	30000	0	0	10.3090	2209	4.22245
182	8.0	69.402	0	67	30000	10	0	10.3090	4489	4.23992
183	18.0	69.402	0	31	30000	0	0	10.3090	961	4.23992
184	12.0	67.124	1	27	8500	0	0	9.0478	729	4.20654
185	12.0	68.263	1	34	3500	0	0	8.1605	1156	4.22337
186	10.0	68.516	1	25	20000	0	0	9.9035	625	4.22707
187	12.0	67.820	1	46	20000	30	0	9.9035	2116	4.21686
188	16.0	67.820	0	50	12500	50	0	9.4335	2500	4.21686
189	6.0	67.757	1	69	8500	0	0	9.0478	4761	4.21593

	13.5	67.820	1	32	12500	0	0	9.4335	1024	4.21686
191	12.0	67.693	1	64	8500	0	0	9.0478	4096	4.21498
192	15.0	67.947	1	30	20000	0	0	9.9035	900	4.21873
193	8.0	68.073	1	78	12500	0	0	9.4335	6084	4.22058
194	13.5	69.149	1	46	12500	0	0	9.4335	2116	4.23626
195	13.5	69.529	1	49	30000	60	0	10.3090	2401	4.24174
196	12.0	70.014	1	30	12500	0	0	9.4335	900	4.24870
197	10.0	68.833	0	23	2500	20	0	7.8240	529	4.23168
198	12.0	69.402	1	27	20000	15	0	9.9035	729	4.23992
199	18.0	68.390	1	28	30000	20	0	10.3090	784	4.22523
200	10.0	69.592	1	26	5500	30	0	8.6125	676	4.24265
201	6.0	67.693	1	44	12500	0	0	9.4335	1936	4.21498
202	13.5	69.402	1	54	30000	30	0	10.3090	2916	4.23992
203	12.0	69.841	1	54	8500	0	0	9.0478	2916	4.24622
204	12.0	69.899	1	66	6500	13	0	8.7796	4356	4.24705
205	18.0	67.883	1	49	30000	0	0	10.3090	2401	4.21779
206	16.0	67.440	0	77	6500	0	0	8.7796	5929	4.21124
207	12.0	68.896	1	74	12500	0	0	9.4335	5476	4.23260
208	18.0	69.465	0	69	30000	0	0	10.3090	4761	4.24082
209	13.5	68.643	1	78	30000	0	0	10.3090	6084	4.22892
210	13.5	68.390	1	57	30000	20	0	10.3090	3249	4.22523
211	8.0	70.129	1	53	8500	0	0	9.0478	2809	4.25034
212	16.0	67.314	1	88	30000	0	0	10.3090	7744	4.20937
213	12.0	67.187	1	79	20000	0	0	9.9035	6241	4.20748
214	12.0	57.473	1	21	8500	0	0	9.0478	441	4.05132
215	18.0	58.094	1	30	8500	0	0	9.0478	900	4.06206
216	18.0	57.473	1	39	30000	0	0	10.3090	1521	4.05132
217	15.0	59.852	1	25	500	9	0	6.2146	625	4.09188
218	10.0	59.130	1	58	20000	0	0	9.9035	3364	4.07974
219	13.5	59.130	1	23	30000	15	0	10.3090	529	4.07974
220	16.0	59.233	1	30	20000	28	0	9.9035	900	4.08148
221	10.0	57.939	1	31	8500	40	0	9.0478	961	4.05939
222	16.0	57.473	1	31	20000	0	0	9.9035	961	4.05132
223	16.0	58.094	1	50	20000	0	0	9.9035	2500	4.06206
224	8.0	58.508	1	20	12500	0	0	9.4335	400	4.06916
225	13.5	57.110	0	24	12500	0	0	9.4335	576	4.04498
226	12.0	61.988	1	33	20000	0	0	9.9035	1089	4.12694
227	16.0	63.556	1	39	30000	0	0	10.3090	1521	4.15192
228	13.5	57.466	0	19	30000	0	0	10.3090	361	4.05119
229	12.0	59.430	1	31	20000	20	0	9.9035	961	4.08480
230	13.5	60.042	1	40	30000	50	0	10.3090	1600	4.09504
231	16.0	59.492	1	39	12500	0	0	9.4335	1521	4.08584
232	15.0	59.676	1	23	5500	7	0	8.6125	529	4.08893
233	8.0	58.632	0	71	8500	0	0	9.0478	5041	4.07128
234	6.0	58.080	1	54	6500	0	0	8.7796	2916	4.06182
235	10.0	58.510	0	33	12500	20	0	9.4335	1089	4.06920
236	18.0	60.221	1	30	30000	0	0	10.3090	900	4.09802
237	12.0	57.835	1	31	8500	20	0	9.0478	961	4.05759

	18.0	60.518	1	46	30000	0	0	10.3090	2116	4.10294
239	12.0	59.921	1	75	20000	0	0	9.9035	5625	4.09303
240	8.0	58.264	1	40	30000	20	0	10.3090	1600	4.06498
241	12.0	59.430	1	66	12500	0	0	9.4335	4356	4.08480
242	18.0	59.492	1	45	30000	40	0	10.3090	2025	4.08584
243	8.0	59.246	1	73	8500	0	0	9.0478	5329	4.08170
244	12.0	57.712	1	31	20000	30	0	9.9035	961	4.05547
245	13.5	58.264	1	27	30000	0	0	10.3090	729	4.06498
246	10.0	58.632	0	50	20000	0	0	9.9035	2500	4.07128
247	12.0	57.712	1	45	30000	0	0	10.3090	2025	4.05547
248	12.0	58.264	0	22	30000	30	0	10.3090	484	4.06498
249	13.5	59.246	0	44	30000	0	0	10.3090	1936	4.08170
250	10.0	58.510	1	51	30000	5	0	10.3090	2601	4.06920
251	6.0	58.816	1	59	3500	0	0	8.1605	3481	4.07441
252	10.0	58.448	1	59	20000	0	0	9.9035	3481	4.06814
253	12.0	57.650	1	66	8500	0	0	9.0478	4356	4.05439
254	13.5	59.246	1	35	30000	3	0	10.3090	1225	4.08170
255	10.0	57.650	0	17	20000	15	0	9.9035	289	4.05439
256	12.0	59.553	1	35	20000	0	0	9.9035	1225	4.08687
257	16.0	59.614	1	30	30000	0	0	10.3090	900	4.08789
258	12.0	59.430	1	23	30000	0	0	10.3090	529	4.08480
259	8.0	58.141	1	60	8500	0	0	9.0478	3600	4.06287
260	18.0	59.246	1	27	20000	0	0	9.9035	729	4.08170
261	16.0	57.650	1	37	20000	0	0	9.9035	1369	4.05439
262	15.0	57.957	0	42	20000	0	0	9.9035	1764	4.05970
263	8.0	59.921	1	87	3500	0	0	8.1605	7569	4.09303
264	13.5	59.614	1	26	20000	20	0	9.9035	676	4.08789
265	12.0	57.405	1	20	12500	15	0	9.4335	400	4.05013
266	10.0	58.878	1	65	12500	0	0	9.4335	4225	4.07547
267	12.0	59.614	1	35	30000	20	0	10.3090	1225	4.08789
268	18.0	59.001	0	38	30000	0	0	10.3090	1444	4.07755
269	10.0	59.185	1	64	20000	20	0	9.9035	4096	4.08067
270	10.0	58.264	1	62	8500	0	0	9.0478	3844	4.06498
271	12.0	58.694	1	47	20000	1	0	9.9035	2209	4.07234
272	10.0	58.080	1	52	30000	20	0	10.3090	2704	4.06182
273	13.5	58.571	0	32	12500	0	0	9.4335	1024	4.07024
274	16.0	58.448	1	26	20000	15	0	9.9035	676	4.06814
275	18.0	59.553	1	35	20000	0	0	9.9035	1225	4.08687
276	16.0	57.712	1	35	30000	0	0	10.3090	1225	4.05547
277	10.0	59.062	1	24	12500	0	0	9.4335	576	4.07859
278	8.0	59.430	1	77	20000	1	0	9.9035	5929	4.08480
279	13.5	58.141	1	24	4500	20	0	8.4118	576	4.06287
280	8.0	53.325	1	63	20000	20	0	9.9035	3969	3.97641
281	18.0	53.049	0	58	20000	0	0	9.9035	3364	3.97122
282	10.0	52.888	1	69	3500	0	0	8.1605	4761	3.96818
283	13.5	54.381	0	62	12500	50	0	9.4335	3844	3.99602
284	12.0	53.670	1	27	12500	0	0	9.4335	729	3.98285
285	13.5	53.049	1	30	20000	20	0	9.9035	900	3.97122

	10.0	52.796	1	51	30000	0	0	10.3090	2601	3.96644
287	12.0	53.118	1	32	12500	0	0	9.4335	1024	3.97252
288	10.0	52.819	1	51	30000	20	0	10.3090	2601	3.96687
289	6.0	53.647	1	53	20000	0	0	9.9035	2809	3.98243
290	13.5	53.509	0	20	20000	0	0	9.9035	400	3.97985
291	13.5	53.279	0	22	12500	40	0	9.4335	484	3.97554
292	16.0	52.819	1	24	30000	0	0	10.3090	576	3.96687
293	12.0	53.256	1	23	6500	0	0	8.7796	529	3.97511
294	12.0	52.819	1	65	30000	0	0	10.3090	4225	3.96687
295	8.0	53.233	1	21	20000	20	0	9.9035	441	3.97468
296	8.0	52.980	1	19	1500	0	0	7.3132	361	3.96991
297	10.0	53.509	1	24	12500	20	0	9.4335	576	3.97985
298	12.0	53.325	1	34	20000	30	0	9.9035	1156	3.97641
299	10.0	52.819	1	54	8500	6	0	9.0478	2916	3.96687
300	18.0	58.142	1	50	20000	15	0	9.9035	2500	4.06289
301	13.5	57.912	1	65	8500	20	0	9.0478	4225	4.05893
302	12.0	56.900	1	33	20000	20	0	9.9035	1089	4.04130
303	8.0	57.682	1	69	8500	0	0	9.0478	4761	4.05495
304	15.0	59.235	1	26	12500	30	0	9.4335	676	4.08151
305	8.0	57.682	1	69	8500	0	0	9.0478	4761	4.05495
306	12.0	56.900	1	59	30000	20	0	10.3090	3481	4.04130
307	12.0	57.677	1	35	12500	20	0	9.4335	1225	4.05486
308	6.0	58.378	1	54	8500	0	0	9.0478	2916	4.06694
309	13.5	55.596	0	28	12500	0	0	9.4335	784	4.01811
310	12.0	55.596	0	28	20000	15	0	9.9035	784	4.01811
311	10.0	45.283	1	77	3500	30	0	8.1605	5929	3.81293
312	12.0	44.059	1	64	20000	0	0	9.9035	4096	3.78553
313	10.0	45.561	1	52	4500	40	0	8.4118	2704	3.81905
314	10.0	45.283	1	21	1500	30	0	7.3132	441	3.81293
315	10.0	45.839	1	46	30000	0	0	10.3090	2116	3.82514
316	12.0	45.227	1	24	20000	0	0	9.9035	576	3.81169
317	12.0	45.839	1	31	8500	30	0	9.0478	961	3.82514
318	12.0	44.004	1	26	8500	0	0	9.0478	676	3.78428
319	10.0	45.784	1	79	4500	0	0	8.4118	6241	3.82394
320	12.0	46.521	1	53	30000	30	0	10.3090	2809	3.83990
321	12.0	58.149	1	32	12500	40	0	9.4335	1024	4.06301
322	15.0	60.235	1	21	5500	0	0	8.6125	441	4.09825
323	15.0	58.983	1	18	20000	0	0	9.9035	324	4.07725
324	13.5	59.428	1	30	12500	0	0	9.4335	900	4.08477
325	12.0	59.372	1	20	20000	15	0	9.9035	400	4.08382
326	8.0	56.904	1	69	12500	40	0	9.4335	4761	4.04137
327	8.0	58.053	1	59	30000	20	0	10.3090	3481	4.06136
328	12.0	57.069	1	56	30000	30	0	10.3090	3136	4.04426
329	18.0	57.179	1	43	30000	0	0	10.3090	1849	4.04619
330	10.0	57.434	1	40	30000	40	0	10.3090	1600	4.05064
331	16.0	58.795	1	37	30000	0	0	10.3090	1369	4.07406
332	10.0	58.255	1	36	12500	0	0	9.4335	1296	4.06483
333	13.5	58.795	1	28	30000	40	0	10.3090	784	4.07406

	12.0	57.871	1	33	30000	0	0	10.3090	1089	4.05822
335	16.0	57.288	1	63	20000	0	0	9.9035	3969	4.04809
336	8.0	57.835	1	51	1500	20	0	7.3132	2601	4.05759
337	12.0	58.795	1	33	30000	10	0	10.3090	1089	4.07406
338	13.5	57.069	1	39	30000	0	0	10.3090	1521	4.04426
339	12.0	57.762	1	21	20000	20	0	9.9035	441	4.05633
340	13.5	58.255	1	37	30000	0	0	10.3090	1369	4.06483
341	18.0	58.885	1	70	30000	0	0	10.3090	4900	4.07559
342	12.0	57.871	1	20	30000	0	0	10.3090	400	4.05822
343	16.0	57.069	1	27	12500	0	0	9.4335	729	4.04426
344	16.0	58.885	1	28	20000	4	0	9.9035	784	4.07559
345	16.0	66.761	1	30	20000	0	0	9.9035	900	4.20112
346	13.5	65.767	1	52	20000	20	0	9.9035	2704	4.18612
347	18.0	65.199	1	24	12500	0	0	9.4335	576	4.17744
348	12.0	65.767	1	71	12500	0	0	9.4335	5041	4.18612
349	12.0	67.115	1	39	20000	50	0	9.9035	1521	4.20641
350	12.0	68.335	1	19	8500	10	0	9.0478	361	4.22442
351	13.5	66.973	1	21	20000	0	0	9.9035	441	4.20429
352	16.0	67.399	1	33	3500	0	0	8.1605	1089	4.21063
353	13.5	66.122	1	51	20000	0	0	9.9035	2601	4.19150
354	8.0	65.767	1	54	30000	20	0	10.3090	2916	4.18612
355	13.5	67.541	1	44	20000	25	0	9.9035	1936	4.21274
356	12.0	67.115	1	43	30000	0	0	10.3090	1849	4.20641
357	6.0	65.767	1	68	5500	0	0	8.6125	4624	4.18612
358	12.0	66.761	1	22	20000	0	0	9.9035	484	4.20112
359	10.0	65.838	1	54	30000	40	0	10.3090	2916	4.18720
360	16.0	67.825	1	37	30000	30	0	10.3090	1369	4.21693
361	13.5	66.548	1	22	30000	15	0	10.3090	484	4.19792
362	18.0	58.381	1	65	30000	0	1	10.3090	4225	4.06699
363	12.0	60.224	1	30	30000	30	1	10.3090	900	4.09807
364	12.0	60.224	1	19	30000	2	1	10.3090	361	4.09807
365	15.0	60.349	1	35	30000	0	1	10.3090	1225	4.10014
366	10.0	59.986	1	59	30000	0	1	10.3090	3481	4.09411
367	12.0	58.202	1	18	1500	0	1	7.3132	324	4.06392
368	12.0	58.262	1	44	20000	20	1	9.9035	1936	4.06495
369	16.0	58.856	1	37	20000	0	1	9.9035	1369	4.07509
370	12.0	60.522	1	37	12500	20	1	9.4335	1369	4.10301
371	12.0	58.202	1	19	500	0	1	6.2146	361	4.06392
372	12.0	58.975	1	25	20000	0	1	9.9035	625	4.07711
373	16.0	58.916	0	31	12500	20	1	9.4335	961	4.07611
374	12.0	59.986	1	19	30000	0	1	10.3090	361	4.09411
375	10.0	58.499	1	18	30000	0	1	10.3090	324	4.06901
376	16.0	59.867	1	28	20000	20	1	9.9035	784	4.09213
377	18.0	58.381	1	46	30000	0	1	10.3090	2116	4.06699
378	12.0	58.262	1	27	20000	0	1	9.9035	729	4.06495
379	12.0	57.845	1	58	20000	0	1	9.9035	3364	4.05777
380	12.0	60.522	1	19	30000	0	1	10.3090	361	4.10301
381	13.5	60.283	1	30	20000	3	1	9.9035	900	4.09905

	13.5	58.737	1	58	30000	30	1	10.3090	3364	4.07307
383	6.0	58.024	1	42	20000	10	1	9.9035	1764	4.06086
384	13.5	58.083	1	45	30000	0	1	10.3090	2025	4.06187
385	10.0	60.436	1	18	12500	14	1	9.4335	324	4.10159
386	12.0	60.551	0	40	30000	20	1	10.3090	1600	4.10349
387	13.5	59.986	1	66	8500	0	1	9.0478	4356	4.09411
388	12.0	60.224	1	64	8500	20	1	9.0478	4096	4.09807
389	12.0	59.986	0	43	30000	20	1	10.3090	1849	4.09411
390	10.0	60.551	1	53	30000	0	1	10.3090	2809	4.10349
391	16.0	58.797	1	36	30000	30	1	10.3090	1296	4.07409
392	13.5	60.493	1	43	20000	20	1	9.9035	1849	4.10253
393	18.0	59.570	1	25	12500	0	1	9.4335	625	4.08715
394	12.0	60.464	1	35	30000	0	1	10.3090	1225	4.10205
395	16.0	62.102	1	29	30000	0	1	10.3090	841	4.12878
396	12.0	62.465	1	18	3500	0	1	8.1605	324	4.13461
397	12.0	63.199	1	20	12500	0	1	9.4335	400	4.14629
398	12.0	62.344	1	19	30000	0	1	10.3090	361	4.13267
399	10.0	62.948	1	17	30000	0	1	10.3090	289	4.14231
400	18.0	61.498	0	29	30000	20	1	10.3090	841	4.11901
401	8.0	61.458	1	65	12500	0	1	9.4335	4225	4.11835
402	12.0	61.498	1	42	20000	0	1	9.9035	1764	4.11901
403	16.0	63.253	1	32	30000	0	1	10.3090	1024	4.14714
404	18.0	62.948	1	36	30000	0	1	10.3090	1296	4.14231
405	16.0	63.253	1	57	30000	0	1	10.3090	3249	4.14714
406	12.0	62.465	1	31	12500	0	1	9.4335	961	4.13461
407	10.0	62.264	1	17	20000	0	1	9.9035	289	4.13138
408	10.0	62.948	0	17	20000	0	1	9.9035	289	4.14231
409	8.0	59.376	1	45	20000	8	0	9.9035	2025	4.08389
410	12.0	59.621	1	19	30000	10	0	10.3090	361	4.08801
411	8.0	54.338	1	74	5500	0	0	8.6125	5476	3.99522
412	12.0	53.653	1	46	30000	25	0	10.3090	2116	3.98254
413	13.5	54.925	1	27	30000	0	0	10.3090	729	4.00597
414	12.0	56.294	1	66	20000	0	0	9.9035	4356	4.03059
415	16.0	54.925	1	44	30000	0	0	10.3090	1936	4.00597
416	12.0	55.022	1	33	30000	0	0	10.3090	1089	4.00773
417	12.0	54.142	1	64	20000	0	0	9.9035	4096	3.99161
418	13.5	57.485	1	54	30000	1	0	10.3090	2916	4.05152
419	10.0	57.585	0	27	12500	30	0	9.4335	729	4.05326
420	6.0	57.485	1	75	4500	0	0	8.4118	5625	4.05152
421	10.0	53.262	1	19	8500	0	0	9.0478	361	3.97522
422	6.0	56.979	1	69	2500	20	0	7.8240	4761	4.04268
423	12.0	55.707	1	30	8500	0	0	9.0478	900	4.02011
424	12.0	56.098	1	64	12500	0	0	9.4335	4096	4.02710
425	13.5	57.336	1	37	30000	0	0	10.3090	1369	4.04893
426	12.0	54.436	1	31	30000	0	0	10.3090	961	3.99703
427	12.0	57.585	1	30	20000	2	0	9.9035	900	4.05326
428	6.0	55.015	1	38	30000	0	1	10.3090	1444	4.00761
429	12.0	59.653	1	20	30000	0	1	10.3090	400	4.08854

	12.0	59.653	1	21	3500	20	1	8.1605	441	4.08854
431	12.0	56.804	1	19	12500	0	1	9.4335	361	4.03961
432	18.0	58.464	1	71	12500	0	0	9.4335	5041	4.06841
433	10.0	63.103	1	49	20000	18	0	9.9035	2401	4.14477
434	10.0	55.168	1	42	8500	0	0	9.0478	1764	4.01038
435	8.0	55.007	1	54	12500	10	0	9.4335	2916	4.00746
436	13.5	55.168	1	24	20000	20	0	9.9035	576	4.01038
437	12.0	54.322	1	60	30000	0	0	10.3090	3600	3.99493
438	12.0	55.168	1	54	20000	0	0	9.9035	2916	4.01038
439	10.0	53.879	1	28	8500	20	0	9.0478	784	3.98674
440	8.0	64.994	1	67	12500	0	0	9.4335	4489	4.17430
441	12.0	65.550	1	56	20000	40	0	9.9035	3136	4.18281
442	16.0	64.048	1	36	30000	0	0	10.3090	1296	4.15963
443	12.0	64.438	0	25	30000	0	0	10.3090	625	4.16570
444	13.5	65.828	1	34	20000	0	0	9.9035	1156	4.18705
445	10.0	65.605	1	20	20000	5	0	9.9035	400	4.18365
446	13.5	64.493	1	21	30000	10	0	10.3090	441	4.16656
447	12.0	64.938	1	42	8500	0	0	9.0478	1764	4.17343
448	13.5	64.549	1	28	12500	20	0	9.4335	784	4.16743
449	18.0	65.439	1	29	20000	0	0	9.9035	841	4.18112
450	8.0	64.994	1	70	5500	20	0	8.6125	4900	4.17430
451	12.0	66.328	1	32	12500	30	0	9.4335	1024	4.19461
452	13.5	65.772	0	42	30000	40	0	10.3090	1764	4.18619
453	10.0	65.161	1	17	30000	30	0	10.3090	289	4.17686
454	12.0	66.784	1	24	20000	0	0	9.9035	576	4.20146
455	15.0	66.328	0	64	20000	0	0	9.9035	4096	4.19461
456	12.0	65.717	1	57	30000	60	0	10.3090	3249	4.18536
457	16.0	64.104	1	51	30000	0	0	10.3090	2601	4.16051
458	13.5	65.717	1	29	12500	18	0	9.4335	841	4.18536
459	10.0	64.438	1	66	6500	20	0	8.7796	4356	4.16570
460	13.5	64.382	1	62	30000	15	0	10.3090	3844	4.16483
461	16.0	66.328	1	29	30000	40	0	10.3090	841	4.19461
462	6.0	65.605	1	58	8500	0	0	9.0478	3364	4.18365
463	15.0	65.161	0	53	20000	0	0	9.9035	2809	4.17686
464	13.5	65.439	1	38	30000	0	0	10.3090	1444	4.18112
465	12.0	64.104	1	24	20000	0	0	9.9035	576	4.16051
466	8.0	66.384	1	59	20000	0	0	9.9035	3481	4.19546
467	16.0	66.217	1	30	30000	0	0	10.3090	900	4.19294
468	8.0	64.382	1	37	20000	0	0	9.9035	1369	4.16483
469	12.0	65.995	1	43	20000	0	0	9.9035	1849	4.18958
470	12.0	66.162	0	60	20000	0	0	9.9035	3600	4.19211
471	10.0	64.994	1	24	12500	40	0	9.4335	576	4.17430
472	12.0	64.549	1	60	12500	0	0	9.4335	3600	4.16743
473	8.0	62.040	1	82	4500	0	0	8.4118	6724	4.12778
474	12.0	64.192	1	61	20000	0	0	9.9035	3721	4.16188
475	10.0	64.507	1	66	30000	0	0	10.3090	4356	4.16677
476	15.0	61.850	1	33	30000	0	0	10.3090	1089	4.12471
477	10.0	64.564	1	26	20000	19	0	9.9035	676	4.16766

	8.0	64.192	0	85	20000	20	0	9.9035	7225	4.16188
479	13.5	62.104	1	32	20000	0	0	9.9035	1024	4.12881
480	10.0	63.369	1	27	8500	0	0	9.0478	729	4.14898
481	12.0	64.129	1	30	30000	20	0	10.3090	900	4.16090
482	12.0	62.673	1	30	5500	0	0	8.6125	900	4.13793
483	13.5	63.179	1	47	30000	0	0	10.3090	2209	4.14597
484	12.0	61.850	1	18	6500	0	0	8.7796	324	4.12471
485	12.0	62.420	0	20	6500	0	0	8.7796	400	4.13389
486	18.0	62.547	1	32	30000	0	0	10.3090	1024	4.13592
487	18.0	61.977	1	30	20000	0	0	9.9035	900	4.12676
488	10.0	63.686	1	17	20000	0	0	9.9035	289	4.15397
489	12.0	62.610	1	22	12500	10	0	9.4335	484	4.13693
490	13.5	61.787	1	43	30000	0	0	10.3090	1849	4.12369
491	10.0	63.306	1	56	20000	40	0	9.9035	3136	4.14798
492	6.0	61.977	1	64	6500	0	0	8.7796	4096	4.12676
493	6.0	62.926	1	76	12500	0	0	9.4335	5776	4.14196
494	12.0	64.002	1	28	12500	30	0	9.4335	784	4.15891
495	18.0	64.651	1	37	30000	0	0	10.3090	1369	4.16900
496	15.0	63.622	1	38	20000	0	0	9.9035	1444	4.15296
497	16.0	62.104	1	52	20000	20	0	9.9035	2704	4.12881
498	8.0	63.116	1	68	12500	0	0	9.4335	4624	4.14497
499	12.0	62.926	1	75	12500	0	0	9.4335	5625	4.14196
500	13.5	61.850	1	54	30000	20	0	10.3090	2916	4.12471
501	18.0	61.850	1	36	30000	40	0	10.3090	1296	4.12471
502	6.0	62.357	1	37	4500	0	0	8.4118	1369	4.13288
503	13.5	62.420	0	23	12500	28	0	9.4335	529	4.13389
504	6.0	64.192	1	36	6500	5	0	8.7796	1296	4.16188
505	10.0	63.116	1	44	30000	0	0	10.3090	1936	4.14497
506	18.0	64.192	0	56	20000	0	0	9.9035	3136	4.16188
507	10.0	64.319	1	64	12500	0	0	9.4335	4096	4.16386
508	13.5	62.990	1	45	30000	28	0	10.3090	2025	4.14298
509	12.0	61.787	1	56	30000	30	0	10.3090	3136	4.12369
510	8.0	63.179	1	62	30000	0	0	10.3090	3844	4.14597
511	15.0	62.800	1	62	12500	0	0	9.4335	3844	4.13996
512	16.0	64.564	1	52	30000	0	0	10.3090	2704	4.16766
513	10.0	63.116	1	18	30000	0	0	10.3090	324	4.14497
514	12.0	64.065	1	47	500	0	0	6.2146	2209	4.15990
515	18.0	63.179	1	52	30000	0	0	10.3090	2704	4.14597
516	12.0	64.129	1	18	20000	0	0	9.9035	324	4.16090
517	13.5	64.065	1	26	12500	20	0	9.4335	676	4.15990
518	15.0	64.622	1	22	30000	0	0	10.3090	484	4.16856
519	6.0	63.116	1	65	6500	0	0	8.7796	4225	4.14497
520	12.0	63.876	1	38	20000	20	0	9.9035	1444	4.15694
521	13.5	63.053	1	20	20000	0	0	9.9035	400	4.14398
522	16.0	62.040	1	41	20000	60	0	9.9035	1681	4.12778
523	16.0	63.306	1	28	20000	20	0	9.9035	784	4.14798
524	16.0	62.926	1	57	20000	0	0	9.9035	3249	4.14196
525	10.0	63.179	1	44	8500	7	0	9.0478	1936	4.14597

	13.5	64.478	1	32	20000	0	0	9.9035	1024	4.16632
527	13.5	64.129	1	22	8500	15	0	9.0478	484	4.16090
528	16.0	64.382	1	30	30000	0	0	10.3090	900	4.16483
529	16.0	62.420	1	30	12500	0	0	9.4335	900	4.13389
530	10.0	63.053	1	59	20000	40	0	9.9035	3481	4.14398
531	6.0	64.002	1	42	8500	0	0	9.0478	1764	4.15891
532	10.0	63.433	1	31	12500	20	0	9.4335	961	4.14998
533	12.0	63.369	1	39	20000	0	0	9.9035	1521	4.14898
534	8.0	63.686	1	65	12500	0	0	9.4335	4225	4.15397
535	10.0	62.104	0	78	12500	10	0	9.4335	6084	4.12881
536	10.0	63.622	0	17	4500	0	0	8.4118	289	4.15296
537	18.0	63.559	1	34	30000	0	0	10.3090	1156	4.15197
538	16.0	64.651	1	39	30000	0	0	10.3090	1521	4.16900
539	10.0	62.800	1	49	12500	0	0	9.4335	2401	4.13996
540	12.0	64.192	1	51	30000	0	0	10.3090	2601	4.16188
541	12.0	61.850	1	19	20000	0	0	9.9035	361	4.12471
542	12.0	63.559	1	26	20000	30	0	9.9035	676	4.15197
543	12.0	62.293	1	82	6500	0	0	8.7796	6724	4.13185
544	12.0	64.129	1	38	3500	10	0	8.1605	1444	4.16090
545	12.0	62.800	1	32	20000	30	0	9.9035	1024	4.13996
546	10.0	61.724	1	27	3500	30	0	8.1605	729	4.12267
547	12.0	64.564	1	35	20000	0	0	9.9035	1225	4.16766
548	10.0	63.749	1	54	20000	0	0	9.9035	2916	4.15495
549	12.0	61.977	1	37	30000	20	0	10.3090	1369	4.12676
550	10.0	64.651	0	60	12500	10	0	9.4335	3600	4.16900
551	10.0	63.433	1	17	30000	11	0	10.3090	289	4.14998
552	16.0	64.564	1	28	20000	40	0	9.9035	784	4.16766
553	8.0	62.167	1	35	12500	40	0	9.4335	1225	4.12982
554	10.0	64.002	1	40	8500	20	0	9.0478	1600	4.15891
555	6.0	64.129	1	24	3500	0	0	8.1605	576	4.16090
556	18.0	63.749	1	41	30000	0	0	10.3090	1681	4.15495
557	8.0	61.787	0	47	20000	0	0	9.9035	2209	4.12369
558	13.5	46.314	1	22	6500	0	0	8.7796	484	3.83544
559	18.0	44.726	1	29	20000	0	0	9.9035	841	3.80056
560	10.0	44.381	1	17	30000	30	0	10.3090	289	3.79281
561	13.5	47.648	0	40	30000	40	0	10.3090	1600	3.86384
562	13.5	46.314	1	32	8500	10	0	9.0478	1024	3.83544
563	13.5	47.004	1	47	30000	0	0	10.3090	2209	3.85023
564	10.0	46.659	1	58	20000	20	0	9.9035	3364	3.84287
565	18.0	44.450	1	74	30000	0	0	10.3090	5476	3.79437
566	12.0	47.492	1	49	30000	20	0	10.3090	2401	3.86056
567	6.0	47.211	1	69	5500	0	0	8.6125	4761	3.85463
568	16.0	47.211	1	25	12500	0	0	9.4335	625	3.85463
569	6.0	45.278	1	71	1500	0	0	7.3132	5041	3.81282
570	12.0	57.352	1	66	6500	1	0	8.7796	4356	4.04921
571	10.0	57.490	1	25	12500	20	0	9.4335	625	4.05161
572	10.0	59.151	1	50	20000	0	0	9.9035	2500	4.08009
573	13.5	57.030	1	19	2500	0	0	7.8240	361	4.04358

	6.0	57.168	1	28	3500	3	0	8.1605	784	4.04599
575	15.0	58.996	1	22	12500	0	0	9.4335	484	4.07747
576	13.5	58.088	1	49	30000	20	0	10.3090	2401	4.06196
577	12.0	57.536	1	39	20000	20	0	9.9035	1521	4.05241
578	10.0	58.641	1	19	3500	9	0	8.1605	361	4.07143
579	12.0	57.812	1	60	30000	0	0	10.3090	3600	4.05720
580	18.0	58.181	1	37	20000	18	0	9.9035	1369	4.06356
581	12.0	58.088	1	62	12500	0	0	9.4335	3844	4.06196
582	12.0	58.892	1	20	1500	0	0	7.3132	400	4.07571
583	16.0	58.135	1	23	4500	1	0	8.4118	529	4.06277
584	10.0	56.846	1	45	20000	60	0	9.9035	2025	4.04035
585	12.0	57.398	1	28	30000	40	0	10.3090	784	4.05001
586	12.0	59.151	1	20	30000	6	0	10.3090	400	4.08009
587	12.0	58.319	1	51	20000	0	0	9.9035	2601	4.06593
588	12.0	57.398	1	62	6500	0	0	8.7796	3844	4.05001
589	12.0	59.048	1	55	30000	0	0	10.3090	3025	4.07835
590	16.0	58.181	1	26	12500	0	0	9.4335	676	4.06356
591	12.0	58.088	0	41	20000	10	0	9.9035	1681	4.06196
592	13.5	58.227	1	67	12500	0	0	9.4335	4489	4.06435
593	10.0	57.398	1	19	30000	20	0	10.3090	361	4.05001
594	18.0	56.754	1	33	20000	0	0	9.9035	1089	4.03873
595	18.0	57.398	1	29	12500	0	0	9.4335	841	4.05001
596	12.0	57.444	1	49	20000	20	0	9.9035	2401	4.05081
597	12.0	59.048	1	29	3500	20	0	8.1605	841	4.07835
598	15.0	58.841	1	32	20000	0	0	9.9035	1024	4.07484
599	16.0	57.812	1	31	30000	60	0	10.3090	961	4.05720
600	10.0	57.904	1	17	20000	50	0	9.9035	289	4.05879
601	13.5	57.536	1	33	20000	0	0	9.9035	1089	4.05241
602	12.0	58.737	1	21	12500	0	0	9.4335	441	4.07307
603	10.0	58.319	1	59	20000	30	0	9.9035	3481	4.06593
604	13.5	56.984	1	25	30000	20	0	10.3090	625	4.04277
605	8.0	57.398	1	32	30000	60	0	10.3090	1024	4.05001
606	12.0	58.411	1	25	20000	0	0	9.9035	625	4.06750
607	13.5	58.737	1	61	6500	40	0	8.7796	3721	4.07307
608	18.0	58.892	1	66	30000	0	0	10.3090	4356	4.07571
609	10.0	57.398	1	22	12500	25	0	9.4335	484	4.05001
610	12.0	57.490	1	24	6500	10	0	8.7796	576	4.05161
611	18.0	58.135	1	43	30000	0	0	10.3090	1849	4.06277
612	12.0	59.048	1	51	20000	0	0	9.9035	2601	4.07835
613	16.0	57.812	1	45	30000	0	0	10.3090	2025	4.05720
614	12.0	58.841	1	45	20000	0	0	9.9035	2025	4.07484
615	18.0	57.398	1	66	8500	0	0	9.0478	4356	4.05001
616	12.0	58.892	0	38	30000	0	0	10.3090	1444	4.07571
617	10.0	56.846	1	49	20000	30	0	9.9035	2401	4.04035
618	13.5	57.444	1	29	8500	1	0	9.0478	841	4.05081
619	16.0	56.846	1	45	30000	33	0	10.3090	2025	4.04035
620	18.0	60.873	1	43	30000	80	0	10.3090	1849	4.10879
621	12.0	61.156	1	49	30000	0	0	10.3090	2401	4.11343

	13.5	62.718	1	20	30000	0	0	10.3090	400	4.13865
623	13.5	63.273	1	41	20000	20	0	9.9035	1681	4.14746
624	12.0	58.460	1	31	20000	0	0	9.9035	961	4.06834
625	13.5	60.021	1	28	12500	0	0	9.4335	784	4.09470
626	12.0	59.028	1	36	12500	0	0	9.4335	1296	4.07801
627	18.0	54.429	0	37	20000	0	0	9.9035	1369	3.99690
628	12.0	53.344	1	18	500	0	0	6.2146	324	3.97676
629	15.0	52.579	1	22	2500	0	0	7.8240	484	3.96232
630	18.0	52.700	1	33	20000	0	0	9.9035	1089	3.96462
631	10.0	53.143	1	76	4500	0	0	8.4118	5776	3.97299
632	13.5	52.700	1	34	20000	0	0	9.9035	1156	3.96462
633	13.5	60.786	0	78	2500	0	0	7.8240	6084	4.10736
634	12.0	60.974	1	31	3500	15	0	8.1605	961	4.11045
635	10.0	61.269	1	42	12500	0	0	9.4335	1764	4.11527
636	18.0	61.216	1	32	5500	10	0	8.6125	1024	4.11441
637	8.0	60.746	1	80	12500	0	0	9.4335	6400	4.10670
638	12.0	61.751	1	40	8500	10	0	9.0478	1600	4.12311
639	16.0	61.242	1	53	30000	0	0	10.3090	2809	4.11483
640	6.0	60.826	0	82	12500	0	0	9.4335	6724	4.10802
641	6.0	61.055	1	18	8500	11	0	9.0478	324	4.11178
642	8.0	61.081	0	46	12500	10	0	9.4335	2116	4.11220
643	12.0	61.202	1	60	20000	0	0	9.9035	3600	4.11418
644	8.0	61.684	1	78	6500	0	0	8.7796	6084	4.12203
645	12.0	60.947	1	47	30000	0	0	10.3090	2209	4.11000
646	10.0	60.813	1	17	30000	0	0	10.3090	289	4.10780
647	12.0	60.759	1	27	20000	2	0	9.9035	729	4.10692
648	18.0	61.242	1	48	30000	0	0	10.3090	2304	4.11483
649	18.0	61.028	1	39	30000	0	0	10.3090	1521	4.11133
650	12.0	61.229	1	25	30000	0	0	10.3090	625	4.11462
651	12.0	61.885	1	30	3500	10	0	8.1605	900	4.12528
652	18.0	60.746	1	59	20000	0	0	9.9035	3481	4.10670
653	16.0	61.041	1	47	30000	0	0	10.3090	2209	4.11155
654	12.0	61.189	1	32	8500	20	0	9.0478	1024	4.11397
655	10.0	61.189	1	17	20000	20	0	9.9035	289	4.11397
656	13.5	60.786	1	23	30000	0	0	10.3090	529	4.10736
657	12.0	61.256	1	20	12500	0	0	9.4335	400	4.11506
658	13.5	60.974	1	32	20000	0	0	9.9035	1024	4.11045
659	13.5	61.001	1	19	30000	10	0	10.3090	361	4.11089
660	12.0	61.095	1	23	20000	0	0	9.9035	529	4.11243
661	10.0	61.229	1	18	6500	0	0	8.7796	324	4.11462
662	12.0	61.229	1	54	20000	30	0	9.9035	2916	4.11462
663	12.0	60.947	1	65	20000	20	0	9.9035	4225	4.11000
664	8.0	60.974	1	55	6500	0	0	8.7796	3025	4.11045
665	12.0	61.001	1	29	30000	30	0	10.3090	841	4.11089
666	12.0	61.885	0	19	5500	8	0	8.6125	361	4.12528
667	16.0	60.786	1	27	12500	0	0	9.4335	729	4.10736
668	12.0	61.256	1	26	12500	35	0	9.4335	676	4.11506
669	10.0	61.189	1	59	30000	20	0	10.3090	3481	4.11397

	12.0	60.732	1	25	20000	0	0	9.9035	625	4.10647
671	16.0	61.041	1	78	12500	0	0	9.4335	6084	4.11155
672	6.0	60.826	1	69	6500	20	0	8.7796	4761	4.10802
673	10.0	61.216	1	58	20000	0	0	9.9035	3364	4.11441
674	15.0	51.000	1	24	12500	0	0	9.4335	576	3.93183
675	12.0	51.000	1	54	12500	0	0	9.4335	2916	3.93183
676	12.0	51.000	1	48	20000	0	0	9.9035	2304	3.93183
677	12.0	51.040	1	59	30000	30	0	10.3090	3481	3.93261
678	10.0	51.040	1	38	20000	40	0	9.9035	1444	3.93261
679	16.0	50.919	1	29	30000	0	0	10.3090	841	3.93024
680	12.0	51.443	1	33	12500	50	0	9.4335	1089	3.94048
681	6.0	51.000	1	32	2500	0	0	7.8240	1024	3.93183
682	18.0	57.982	1	36	30000	0	0	10.3090	1296	4.06013
683	6.0	59.996	0	49	30000	20	0	10.3090	2401	4.09428
684	16.0	58.040	1	69	20000	0	0	9.9035	4761	4.06113
685	12.0	60.868	0	18	30000	20	0	10.3090	324	4.10871
686	18.0	57.982	1	72	20000	0	0	9.9035	5184	4.06013
687	18.0	60.803	1	35	12500	40	0	9.4335	1225	4.10764
688	8.0	58.788	0	71	1500	0	0	7.3132	5041	4.07394
689	13.5	58.615	1	47	30000	0	0	10.3090	2209	4.07099
690	12.0	58.442	1	20	500	0	0	6.2146	400	4.06804
691	12.0	60.168	1	43	20000	0	0	9.9035	1849	4.09714
692	12.0	60.347	1	65	4500	0	0	8.4118	4225	4.10011
693	8.0	60.226	1	23	2500	10	0	7.8240	529	4.09810
694	12.0	59.996	1	44	30000	40	0	10.3090	1936	4.09428
695	13.5	63.989	0	28	20000	0	0	9.9035	784	4.15871
696	18.0	64.235	1	67	20000	0	0	9.9035	4489	4.16255
697	13.5	62.858	1	32	12500	0	0	9.4335	1024	4.14088
698	8.0	63.519	1	37	20000	0	0	9.9035	1369	4.15134
699	13.5	63.928	1	32	12500	4	0	9.4335	1024	4.15776
700	6.0	63.577	1	57	20000	0	0	9.9035	3249	4.15225
701	10.0	63.145	1	55	20000	30	0	9.9035	3025	4.14543
702	12.0	63.663	1	31	30000	0	0	10.3090	961	4.15360
703	12.0	63.088	1	57	30000	0	0	10.3090	3249	4.14453
704	13.5	63.744	0	54	30000	0	0	10.3090	2916	4.15488
705	16.0	63.989	0	24	20000	25	0	9.9035	576	4.15871
706	13.5	63.692	1	33	12500	0	0	9.4335	1089	4.15406
707	16.0	62.829	1	49	30000	0	0	10.3090	2401	4.14042
708	10.0	63.548	1	19	12500	0	0	9.4335	361	4.15180
709	16.0	62.570	1	50	8500	20	0	9.0478	2500	4.13629
710	18.0	62.829	1	58	30000	0	0	10.3090	3364	4.14042
711	10.0	62.973	1	65	20000	0	0	9.9035	4225	4.14271
712	10.0	64.235	1	18	8500	0	0	9.0478	324	4.16255
713	12.0	63.232	1	31	30000	20	0	10.3090	961	4.14681
714	12.0	62.829	1	34	20000	0	0	9.9035	1156	4.14042
715	12.0	63.490	1	55	30000	0	0	10.3090	3025	4.15088
716	16.0	63.260	1	28	12500	0	0	9.4335	784	4.14725
717	12.0	62.541	1	65	8500	20	0	9.0478	4225	4.13582

	8.0	63.928	0	68	5500	15	0	8.6125	4624	4.15776
719	13.5	62.829	1	29	30000	0	0	10.3090	841	4.14042
720	12.0	62.656	0	29	20000	10	0	9.9035	841	4.13766
721	12.0	62.858	1	61	8500	0	0	9.0478	3721	4.14088
722	16.0	63.375	1	45	30000	0	0	10.3090	2025	4.14907
723	15.0	63.318	1	66	20000	0	0	9.9035	4356	4.14817
724	12.0	63.548	1	18	30000	0	0	10.3090	324	4.15180
725	16.0	62.685	1	44	30000	40	0	10.3090	1936	4.13812
726	12.0	62.742	1	41	20000	0	0	9.9035	1681	4.13903
727	6.0	62.829	1	31	8500	0	0	9.0478	961	4.14042
728	12.0	63.577	1	61	4500	40	0	8.4118	3721	4.15225
729	10.0	63.232	1	29	20000	0	0	9.9035	841	4.14681
730	13.5	62.570	1	70	3500	12	0	8.1605	4900	4.13629
731	6.0	63.692	1	49	5500	20	0	8.6125	2401	4.15406
732	16.0	62.886	0	35	20000	0	0	9.9035	1225	4.14132
733	12.0	63.203	1	28	20000	15	0	9.9035	784	4.14635
734	12.0	63.548	0	30	20000	0	0	9.9035	900	4.15180
735	13.5	63.989	0	23	12500	0	0	9.4335	529	4.15871
736	12.0	62.771	1	35	20000	0	0	9.9035	1225	4.13949
737	12.0	63.260	1	24	8500	0	0	9.0478	576	4.14725
738	16.0	63.663	0	22	30000	0	0	10.3090	484	4.15360
739	10.0	63.663	1	49	30000	0	0	10.3090	2401	4.15360
740	12.0	63.232	1	38	30000	30	0	10.3090	1444	4.14681
741	12.0	56.174	0	22	30000	0	1	10.3090	484	4.02845
742	16.0	56.510	0	45	20000	0	1	9.9035	2025	4.03442
743	18.0	56.174	0	39	30000	0	1	10.3090	1521	4.02845
744	15.0	54.630	1	61	12500	0	1	9.4335	3721	4.00058
745	12.0	54.764	1	19	30000	0	1	10.3090	361	4.00303
746	18.0	56.174	1	36	20000	0	1	9.9035	1296	4.02845
747	10.0	54.764	1	21	30000	0	1	10.3090	441	4.00303
748	16.0	54.630	1	38	30000	15	1	10.3090	1444	4.00058
749	12.0	46.932	1	39	30000	0	0	10.3090	1521	3.84870
750	18.0	47.035	1	29	20000	0	0	9.9035	841	3.85089
751	13.5	48.798	1	44	30000	0	0	10.3090	1936	3.88769
752	12.0	46.310	1	46	30000	10	0	10.3090	2116	3.83536
753	13.5	47.657	1	26	30000	0	0	10.3090	676	3.86403
754	13.5	48.071	1	30	20000	0	0	9.9035	900	3.87268
755	12.0	47.346	1	47	20000	40	0	9.9035	2209	3.85748
756	6.0	48.545	1	64	20000	0	0	9.9035	4096	3.88249
757	12.0	47.501	1	18	20000	5	0	9.9035	324	3.86075
758	12.0	47.346	1	37	12500	20	0	9.4335	1369	3.85748
759	10.0	47.605	0	67	12500	0	0	9.4335	4489	3.86294
760	10.0	47.812	1	29	20000	20	0	9.9035	841	3.86728
761	18.0	46.466	1	60	30000	5	0	10.3090	3600	3.83872
762	12.0	46.776	1	39	20000	0	0	9.9035	1521	3.84537
763	13.5	46.310	1	59	20000	15	0	9.9035	3481	3.83536
764	6.0	46.518	1	75	1500	0	0	7.3132	5625	3.83984
765	12.0	48.545	1	19	30000	15	0	10.3090	361	3.88249

	13.5	63.450	1	27	20000	6	0	9.9035	729	4.15025
767	13.5	62.227	1	62	20000	0	0	9.9035	3844	4.13079
768	12.0	63.113	1	63	30000	20	0	10.3090	3969	4.14493
769	12.0	63.408	1	60	30000	0	0	10.3090	3600	4.14959
770	12.0	62.860	1	46	30000	20	0	10.3090	2116	4.14091
771	12.0	62.227	1	28	6500	0	0	8.7796	784	4.13079
772	13.5	62.227	1	20	20000	15	0	9.9035	400	4.13079
773	12.0	63.366	1	50	20000	0	0	9.9035	2500	4.14893
774	15.0	62.100	1	43	30000	0	0	10.3090	1849	4.12875
775	12.0	63.366	1	45	30000	55	0	10.3090	2025	4.14893
776	12.0	63.282	1	62	6500	0	0	8.7796	3844	4.14760
777	6.0	63.282	1	70	4500	12	0	8.4118	4900	4.14760
778	12.0	64.161	1	58	12500	0	0	9.4335	3364	4.16140
779	12.0	64.107	1	21	30000	0	0	10.3090	441	4.16055
780	13.5	63.028	1	27	1500	0	0	7.3132	729	4.14358
781	18.0	64.214	1	47	30000	0	0	10.3090	2209	4.16222
782	10.0	63.999	1	68	12500	0	0	9.4335	4624	4.15887
783	10.0	63.282	1	17	30000	2	0	10.3090	289	4.14760
784	16.0	62.227	1	35	20000	0	0	9.9035	1225	4.13079
785	12.0	62.691	1	37	30000	0	0	10.3090	1369	4.13822
786	16.0	63.838	1	30	20000	20	0	9.9035	900	4.15635
787	10.0	63.408	1	19	30000	0	0	10.3090	361	4.14959
788	12.0	63.493	1	54	12500	30	0	9.4335	2916	4.15093
789	12.0	63.838	1	41	30000	10	0	10.3090	1681	4.15635
790	12.0	62.227	1	34	30000	0	0	10.3090	1156	4.13079
791	13.5	62.691	1	28	6500	20	0	8.7796	784	4.13822
792	13.5	62.185	1	26	20000	30	0	9.9035	676	4.13011
793	12.0	62.480	1	18	30000	0	0	10.3090	324	4.13485
794	12.0	62.868	1	19	20000	0	0	9.9035	361	4.14104
795	6.0	61.251	1	29	20000	0	0	9.9035	841	4.11498
796	8.0	59.988	1	60	12500	15	0	9.4335	3600	4.09414
797	18.0	61.393	1	50	20000	0	0	9.9035	2500	4.11730
798	12.0	60.707	1	52	20000	40	0	9.9035	2704	4.10606
799	15.0	61.251	1	22	30000	5	0	10.3090	484	4.11498
800	10.0	60.036	1	38	20000	40	0	9.9035	1444	4.09494
801	10.0	60.227	1	63	12500	0	0	9.4335	3969	4.09812
802	16.0	60.995	1	23	12500	0	0	9.4335	529	4.11079
803	18.0	61.818	0	52	30000	20	0	10.3090	2704	4.12420
804	18.0	61.676	1	31	12500	0	0	9.4335	961	4.12190
805	16.0	60.707	1	30	20000	0	0	9.9035	900	4.10606
806	10.0	59.988	1	18	20000	0	0	9.9035	324	4.09414
807	10.0	59.652	1	47	30000	20	0	10.3090	2209	4.08853

The SAS System

Obs	educ	cigpric	white	age	income	cigs	restaurn	lincome	agesq	lcigpric	smokes
1	16.0	60.506	1	46	20000	0	0	9.9035	2116	4.10274	0
2	16.0	57.883	1	40	30000	0	0	10.3090	1600	4.05842	0
3	12.0	57.664	1	58	30000	3	0	10.3090	3364	4.05463	1
4	13.5	57.883	1	30	20000	0	0	9.9035	900	4.05842	0
5	10.0	58.320	1	17	20000	0	0	9.9035	289	4.06595	0
6	6.0	59.340	1	86	6500	0	0	8.7796	7396	4.08328	0
7	12.0	57.883	1	35	20000	0	0	9.9035	1225	4.05842	0
8	15.0	57.883	1	48	30000	0	0	10.3090	2304	4.05842	0
9	12.0	59.195	1	48	20000	0	0	9.9035	2304	4.08084	0
10	12.0	58.028	1	31	20000	0	0	9.9035	961	4.06093	0
11	13.5	57.883	1	27	30000	10	0	10.3090	729	4.05842	1
12	12.0	60.288	1	24	20000	20	0	9.9035	576	4.09913	1
13	10.0	57.883	1	71	8500	30	0	9.0478	5041	4.05842	1
14	6.0	58.028	1	44	30000	0	0	10.3090	1936	4.06093	0
15	16.0	60.746	1	22	30000	0	0	10.3090	484	4.10670	0
16	12.0	60.071	1	29	20000	20	0	9.9035	841	4.09553	1
17	12.0	60.282	1	33	20000	0	0	9.9035	1089	4.09903	0
18	12.0	60.704	1	34	20000	30	0	9.9035	1156	4.10601	1
19	13.5	59.860	1	30	8500	0	0	9.0478	900	4.09201	0
20	10.0	60.324	0	48	30000	20	0	10.3090	2304	4.09973	1
21	6.0	59.045	1	61	5500	0	0	8.6125	3721	4.07830	0
22	18.0	60.294	1	49	30000	0	0	10.3090	2401	4.09923	0
23	12.0	59.045	1	33	20000	0	0	9.9035	1089	4.07830	0
24	16.0	60.632	1	24	30000	0	1	10.3090	576	4.10482	0
25	16.0	61.744	1	36	30000	0	1	10.3090	1296	4.12300	0
26	15.0	60.862	1	39	20000	12	1	9.9035	1521	4.10861	1
27	18.0	61.399	1	38	30000	0	1	10.3090	1444	4.11739	0
28	12.0	60.823	1	29	30000	30	1	10.3090	841	4.10797	1
29	18.0	62.012	1	23	12500	0	1	9.4335	529	4.12733	0
30	16.0	61.322	0	51	20000	0	1	9.9035	2601	4.11614	0
31	13.5	62.089	1	28	20000	0	1	9.9035	784	4.12857	0
32	10.0	61.015	1	47	12500	30	1	9.4335	2209	4.11112	1
33	10.0	62.489	1	80	12500	0	1	9.4335	6400	4.13499	0
34	10.0	61.667	1	62	30000	2	1	10.3090	3844	4.12175	1
35	10.0	62.012	1	51	12500	0	1	9.4335	2601	4.12733	0
36	10.0	61.667	1	51	20000	35	1	9.9035	2601	4.12175	1
37	12.0	61.053	1	69	12500	0	1	9.4335	4761	4.11174	0
38	12.0	61.092	1	28	8500	0	1	9.0478	784	4.11238	0
39	18.0	61.974	1	38	20000	0	1	9.9035	1444	4.12672	0
40	15.0	61.168	1	30	30000	0	1	10.3090	900	4.11362	0
41	18.0	60.862	1	32	30000	25	1	10.3090	1024	4.10861	1
42	8.0	61.629	0	71	12500	0	1	9.4335	5041	4.12113	0
43	10.0	62.489	1	18	20000	0	1	9.9035	324	4.13499	0
44	13.5	62.089	1	26	8500	15	1	9.0478	676	4.12857	1
45	10.0	61.744	1	30	20000	20	1	9.9035	900	4.12300	1

46	12.0	60.670	1	19	3500	0	1	8.1605	361	4.10545	0
47	12.0	61.168	1	19	6500	20	1	8.7796	361	4.11362	1
48	13.5	61.245	1	21	1500	0	1	7.3132	441	4.11488	0
49	16.0	62.089	1	44	20000	0	1	9.9035	1936	4.12857	0
50	10.0	60.555	1	69	30000	30	1	10.3090	4761	4.10355	1
51	16.0	60.555	1	53	20000	0	1	9.9035	2809	4.10355	0
52	8.0	62.241	1	53	12500	20	1	9.4335	2809	4.13101	1
53	6.0	61.705	1	38	6500	10	1	8.7796	1444	4.12237	1
54	10.0	60.555	1	49	30000	20	1	10.3090	2401	4.10355	1
55	18.0	61.437	1	24	20000	0	1	9.9035	576	4.11801	0
56	16.0	61.322	1	57	8500	0	1	9.0478	3249	4.11614	0
57	15.0	61.168	1	28	20000	0	1	9.9035	784	4.11362	0
58	12.0	61.207	1	32	20000	20	1	9.9035	1024	4.11426	1
59	13.5	60.823	1	55	20000	0	1	9.9035	3025	4.10797	0
60	13.5	60.632	1	47	30000	0	1	10.3090	2209	4.10482	0
61	13.5	60.785	1	26	20000	0	1	9.9035	676	4.10734	0
62	10.0	60.555	1	26	6500	20	1	8.7796	676	4.10355	1
63	16.0	60.708	0	61	30000	0	1	10.3090	3721	4.10608	0
64	10.0	60.670	1	48	20000	0	1	9.9035	2304	4.10545	0
65	18.0	62.736	1	32	30000	0	1	10.3090	1024	4.13894	0
66	16.0	62.089	1	29	12500	0	1	9.4335	841	4.12857	0
67	18.0	62.571	0	47	30000	0	1	10.3090	2209	4.13630	0
68	10.0	60.708	0	62	20000	0	1	9.9035	3844	4.10608	0
69	16.0	62.159	0	30	8500	0	1	9.0478	900	4.12970	0
70	13.5	61.667	1	21	20000	0	1	9.9035	441	4.12175	0
71	12.0	61.207	1	28	2500	0	1	7.8240	784	4.11426	0
72	12.0	61.053	1	50	30000	20	1	10.3090	2500	4.11174	1
73	12.0	61.475	1	69	6500	0	1	8.7796	4761	4.11863	0
74	13.5	61.629	1	37	20000	60	1	9.9035	1369	4.12113	1
75	12.0	61.744	0	40	30000	20	1	10.3090	1600	4.12300	1
76	6.0	61.437	1	47	20000	3	1	9.9035	2209	4.11801	1
77	10.0	61.936	1	78	2500	0	1	7.8240	6084	4.12610	0
78	18.0	61.744	1	38	30000	0	1	10.3090	1444	4.12300	0
79	13.5	62.489	1	25	30000	0	1	10.3090	625	4.13499	0
80	12.0	61.322	1	67	8500	0	1	9.0478	4489	4.11614	0
81	13.5	60.900	1	50	30000	12	1	10.3090	2500	4.10923	1
82	13.5	61.552	1	47	30000	0	1	10.3090	2209	4.11988	0
83	8.0	62.489	1	76	6500	0	1	8.7796	5776	4.13499	0
84	8.0	60.785	1	28	30000	0	1	10.3090	784	4.10734	0
85	12.0	61.514	0	32	20000	0	1	9.9035	1024	4.11927	0
86	12.0	61.897	0	28	20000	0	1	9.9035	784	4.12547	0
87	12.0	61.168	1	53	30000	20	1	10.3090	2809	4.11362	1
88	12.0	60.823	1	57	20000	0	1	9.9035	3249	4.10797	0
89	18.0	61.590	1	42	30000	0	1	10.3090	1764	4.12050	0
90	15.0	61.092	1	49	12500	0	1	9.4335	2401	4.11238	0
91	18.0	61.782	1	31	20000	25	1	9.9035	961	4.12361	1
92	12.0	61.437	1	20	8500	0	1	9.0478	400	4.11801	0
93	18.0	61.897	1	45	20000	40	1	9.9035	2025	4.12547	1

	18.0	60.555	0	63	30000	0	1	10.3090	3969	4.10355	0
95	15.0	61.705	1	61	30000	0	1	10.3090	3721	4.12237	0
96	13.5	61.859	0	35	12500	30	1	9.4335	1225	4.12486	1
97	6.0	61.705	1	59	12500	0	1	9.4335	3481	4.12237	0
98	10.0	62.654	0	17	8500	0	1	9.0478	289	4.13763	0
99	18.0	62.736	1	38	30000	0	1	10.3090	1444	4.13894	0
100	13.5	61.245	1	41	30000	0	1	10.3090	1681	4.11488	0
101	12.0	61.897	1	35	30000	0	1	10.3090	1225	4.12547	0
102	12.0	61.590	0	40	30000	0	1	10.3090	1600	4.12050	0
103	13.5	62.571	1	37	30000	0	1	10.3090	1369	4.13630	0
104	12.0	62.406	0	27	5500	13	1	8.6125	729	4.13366	1
105	12.0	60.862	1	48	20000	0	1	9.9035	2304	4.10861	0
106	12.0	62.089	0	18	30000	0	1	10.3090	324	4.12857	0
107	12.0	60.862	0	43	20000	0	1	9.9035	1849	4.10861	0
108	10.0	62.012	1	20	3500	0	1	8.1605	400	4.12733	0
109	8.0	60.823	1	19	12500	1	1	9.4335	361	4.10797	1
110	13.5	60.708	1	22	12500	0	1	9.4335	484	4.10608	0
111	16.0	60.708	1	60	20000	0	1	9.9035	3600	4.10608	0
112	13.5	61.744	1	47	30000	0	1	10.3090	2209	4.12300	0
113	10.0	61.629	0	77	20000	0	1	9.9035	5929	4.12113	0
114	13.5	61.360	1	26	20000	0	1	9.9035	676	4.11676	0
115	12.0	62.654	0	37	20000	20	1	9.9035	1369	4.13763	1
116	13.5	62.159	0	40	30000	15	1	10.3090	1600	4.12970	1
117	6.0	61.284	0	44	8500	0	1	9.0478	1936	4.11552	0
118	6.0	62.012	1	65	2500	0	1	7.8240	4225	4.12733	0
119	16.0	60.900	1	26	30000	0	1	10.3090	676	4.10923	0
120	8.0	60.862	0	77	20000	0	1	9.9035	5929	4.10861	0
121	12.0	61.207	0	73	12500	0	1	9.4335	5329	4.11426	0
122	10.0	60.938	1	64	30000	0	1	10.3090	4096	4.10986	0
123	13.5	61.629	1	28	30000	0	1	10.3090	784	4.12113	0
124	13.5	60.862	1	26	30000	20	1	10.3090	676	4.10861	1
125	10.0	61.092	1	64	20000	20	1	9.9035	4096	4.11238	1
126	12.0	61.667	1	29	6500	0	1	8.7796	841	4.12175	0
127	12.0	61.974	1	55	20000	40	1	9.9035	3025	4.12672	1
128	12.0	62.736	1	54	30000	0	1	10.3090	2916	4.13894	0
129	15.0	61.207	1	42	20000	10	1	9.9035	1764	4.11426	1
130	13.5	62.736	0	70	12500	0	1	9.4335	4900	4.13894	0
131	16.0	61.284	1	71	20000	0	1	9.9035	5041	4.11552	0
132	12.0	61.744	1	24	30000	0	1	10.3090	576	4.12300	0
133	10.0	61.859	1	38	20000	20	1	9.9035	1444	4.12486	1
134	15.0	61.936	1	73	6500	0	1	8.7796	5329	4.12610	0
135	18.0	60.823	1	29	30000	0	1	10.3090	841	4.10797	0
136	13.5	60.555	1	24	20000	0	1	9.9035	576	4.10355	0
137	12.0	61.437	1	25	8500	0	1	9.0478	625	4.11801	0
138	15.0	62.089	1	22	20000	0	1	9.9035	484	4.12857	0
139	12.0	61.475	1	36	12500	5	1	9.4335	1296	4.11863	1
140	12.0	53.624	1	28	20000	0	0	9.9035	784	3.98200	0
141	13.5	53.313	1	27	6500	40	0	8.7796	729	3.97618	1

	13.5	55.185	1	28	4500	8	0	8.4118	784	4.01069	1
143	12.0	53.382	1	53	20000	0	0	9.9035	2809	3.97747	0
144	13.5	54.984	1	23	30000	15	0	10.3090	529	4.00704	1
145	12.0	53.969	1	19	12500	15	0	9.4335	361	3.98841	1
146	15.0	54.314	0	25	20000	0	0	9.9035	625	3.99478	0
147	13.5	54.648	0	34	12500	20	0	9.4335	1156	4.00091	1
148	13.5	54.141	1	20	30000	0	0	10.3090	400	3.99159	0
149	10.0	54.314	1	17	20000	0	0	9.9035	289	3.99478	0
150	16.0	66.587	1	51	30000	20	1	10.3090	2601	4.19851	1
151	12.0	65.290	1	44	30000	30	1	10.3090	1936	4.17884	1
152	12.0	65.290	1	29	20000	60	1	9.9035	841	4.17884	1
153	8.0	66.088	1	65	30000	0	1	10.3090	4225	4.19099	0
154	12.0	65.290	1	53	30000	0	1	10.3090	2809	4.17884	0
155	8.0	67.933	0	46	20000	0	1	9.9035	2116	4.21852	0
156	18.0	65.290	1	51	30000	0	1	10.3090	2601	4.17884	0
157	18.0	65.540	1	66	30000	0	1	10.3090	4356	4.18266	0
158	8.0	64.991	0	42	20000	0	1	9.9035	1764	4.17425	0
159	16.0	65.141	1	32	8500	40	1	9.0478	1024	4.17655	1
160	13.5	66.437	1	53	30000	25	1	10.3090	2809	4.19625	1
161	8.0	66.038	1	70	30000	0	1	10.3090	4900	4.19023	0
162	10.0	65.889	1	30	20000	30	1	9.9035	900	4.18797	1
163	18.0	65.889	1	42	30000	0	1	10.3090	1764	4.18797	0
164	12.0	66.537	1	69	30000	0	1	10.3090	4761	4.19776	0
165	10.0	66.437	1	18	5500	0	1	8.6125	324	4.19625	0
166	12.0	68.184	1	22	12500	10	1	9.4335	484	4.22221	1
167	6.0	66.687	0	38	20000	40	1	9.9035	1444	4.20001	1
168	10.0	66.437	1	52	20000	20	1	9.9035	2704	4.19625	1
169	10.0	65.141	0	17	30000	0	1	10.3090	289	4.17655	0
170	12.0	65.041	1	46	20000	0	1	9.9035	2116	4.17502	0
171	16.0	66.587	1	46	30000	0	1	10.3090	2116	4.19851	0
172	12.0	66.038	0	35	30000	0	1	10.3090	1225	4.19023	0
173	12.0	66.338	1	22	30000	16	1	10.3090	484	4.19476	1
174	12.0	61.546	1	54	20000	20	0	9.9035	2916	4.11979	1
175	12.0	61.184	1	58	12500	40	0	9.4335	3364	4.11389	1
176	10.0	62.012	1	27	12500	15	0	9.4335	729	4.12733	1
177	18.0	61.184	1	47	20000	40	0	9.9035	2209	4.11389	1
178	16.0	62.012	1	53	30000	40	0	10.3090	2809	4.12733	1
179	12.0	65.082	1	29	8500	10	0	9.0478	841	4.17565	1
180	13.5	67.820	1	29	8500	0	0	9.0478	841	4.21686	0
181	13.5	68.200	1	47	30000	0	0	10.3090	2209	4.22245	0
182	8.0	69.402	0	67	30000	10	0	10.3090	4489	4.23992	1
183	18.0	69.402	0	31	30000	0	0	10.3090	961	4.23992	0
184	12.0	67.124	1	27	8500	0	0	9.0478	729	4.20654	0
185	12.0	68.263	1	34	3500	0	0	8.1605	1156	4.22337	0
186	10.0	68.516	1	25	20000	0	0	9.9035	625	4.22707	0
187	12.0	67.820	1	46	20000	30	0	9.9035	2116	4.21686	1
188	16.0	67.820	0	50	12500	50	0	9.4335	2500	4.21686	1
189	6.0	67.757	1	69	8500	0	0	9.0478	4761	4.21593	0

	13.5	67.820	1	32	12500	0	0	9.4335	1024	4.21686	0
191	12.0	67.693	1	64	8500	0	0	9.0478	4096	4.21498	0
192	15.0	67.947	1	30	20000	0	0	9.9035	900	4.21873	0
193	8.0	68.073	1	78	12500	0	0	9.4335	6084	4.22058	0
194	13.5	69.149	1	46	12500	0	0	9.4335	2116	4.23626	0
195	13.5	69.529	1	49	30000	60	0	10.3090	2401	4.24174	1
196	12.0	70.014	1	30	12500	0	0	9.4335	900	4.24870	0
197	10.0	68.833	0	23	2500	20	0	7.8240	529	4.23168	1
198	12.0	69.402	1	27	20000	15	0	9.9035	729	4.23992	1
199	18.0	68.390	1	28	30000	20	0	10.3090	784	4.22523	1
200	10.0	69.592	1	26	5500	30	0	8.6125	676	4.24265	1
201	6.0	67.693	1	44	12500	0	0	9.4335	1936	4.21498	0
202	13.5	69.402	1	54	30000	30	0	10.3090	2916	4.23992	1
203	12.0	69.841	1	54	8500	0	0	9.0478	2916	4.24622	0
204	12.0	69.899	1	66	6500	13	0	8.7796	4356	4.24705	1
205	18.0	67.883	1	49	30000	0	0	10.3090	2401	4.21779	0
206	16.0	67.440	0	77	6500	0	0	8.7796	5929	4.21124	0
207	12.0	68.896	1	74	12500	0	0	9.4335	5476	4.23260	0
208	18.0	69.465	0	69	30000	0	0	10.3090	4761	4.24082	0
209	13.5	68.643	1	78	30000	0	0	10.3090	6084	4.22892	0
210	13.5	68.390	1	57	30000	20	0	10.3090	3249	4.22523	1
211	8.0	70.129	1	53	8500	0	0	9.0478	2809	4.25034	0
212	16.0	67.314	1	88	30000	0	0	10.3090	7744	4.20937	0
213	12.0	67.187	1	79	20000	0	0	9.9035	6241	4.20748	0
214	12.0	57.473	1	21	8500	0	0	9.0478	441	4.05132	0
215	18.0	58.094	1	30	8500	0	0	9.0478	900	4.06206	0
216	18.0	57.473	1	39	30000	0	0	10.3090	1521	4.05132	0
217	15.0	59.852	1	25	500	9	0	6.2146	625	4.09188	1
218	10.0	59.130	1	58	20000	0	0	9.9035	3364	4.07974	0
219	13.5	59.130	1	23	30000	15	0	10.3090	529	4.07974	1
220	16.0	59.233	1	30	20000	28	0	9.9035	900	4.08148	1
221	10.0	57.939	1	31	8500	40	0	9.0478	961	4.05939	1
222	16.0	57.473	1	31	20000	0	0	9.9035	961	4.05132	0
223	16.0	58.094	1	50	20000	0	0	9.9035	2500	4.06206	0
224	8.0	58.508	1	20	12500	0	0	9.4335	400	4.06916	0
225	13.5	57.110	0	24	12500	0	0	9.4335	576	4.04498	0
226	12.0	61.988	1	33	20000	0	0	9.9035	1089	4.12694	0
227	16.0	63.556	1	39	30000	0	0	10.3090	1521	4.15192	0
228	13.5	57.466	0	19	30000	0	0	10.3090	361	4.05119	0
229	12.0	59.430	1	31	20000	20	0	9.9035	961	4.08480	1
230	13.5	60.042	1	40	30000	50	0	10.3090	1600	4.09504	1
231	16.0	59.492	1	39	12500	0	0	9.4335	1521	4.08584	0
232	15.0	59.676	1	23	5500	7	0	8.6125	529	4.08893	1
233	8.0	58.632	0	71	8500	0	0	9.0478	5041	4.07128	0
234	6.0	58.080	1	54	6500	0	0	8.7796	2916	4.06182	0
235	10.0	58.510	0	33	12500	20	0	9.4335	1089	4.06920	1
236	18.0	60.221	1	30	30000	0	0	10.3090	900	4.09802	0
237	12.0	57.835	1	31	8500	20	0	9.0478	961	4.05759	1

	18.0	60.518	1	46	30000	0	0	10.3090	2116	4.10294	0
239	12.0	59.921	1	75	20000	0	0	9.9035	5625	4.09303	0
240	8.0	58.264	1	40	30000	20	0	10.3090	1600	4.06498	1
241	12.0	59.430	1	66	12500	0	0	9.4335	4356	4.08480	0
242	18.0	59.492	1	45	30000	40	0	10.3090	2025	4.08584	1
243	8.0	59.246	1	73	8500	0	0	9.0478	5329	4.08170	0
244	12.0	57.712	1	31	20000	30	0	9.9035	961	4.05547	1
245	13.5	58.264	1	27	30000	0	0	10.3090	729	4.06498	0
246	10.0	58.632	0	50	20000	0	0	9.9035	2500	4.07128	0
247	12.0	57.712	1	45	30000	0	0	10.3090	2025	4.05547	0
248	12.0	58.264	0	22	30000	30	0	10.3090	484	4.06498	1
249	13.5	59.246	0	44	30000	0	0	10.3090	1936	4.08170	0
250	10.0	58.510	1	51	30000	5	0	10.3090	2601	4.06920	1
251	6.0	58.816	1	59	3500	0	0	8.1605	3481	4.07441	0
252	10.0	58.448	1	59	20000	0	0	9.9035	3481	4.06814	0
253	12.0	57.650	1	66	8500	0	0	9.0478	4356	4.05439	0
254	13.5	59.246	1	35	30000	3	0	10.3090	1225	4.08170	1
255	10.0	57.650	0	17	20000	15	0	9.9035	289	4.05439	1
256	12.0	59.553	1	35	20000	0	0	9.9035	1225	4.08687	0
257	16.0	59.614	1	30	30000	0	0	10.3090	900	4.08789	0
258	12.0	59.430	1	23	30000	0	0	10.3090	529	4.08480	0
259	8.0	58.141	1	60	8500	0	0	9.0478	3600	4.06287	0
260	18.0	59.246	1	27	20000	0	0	9.9035	729	4.08170	0
261	16.0	57.650	1	37	20000	0	0	9.9035	1369	4.05439	0
262	15.0	57.957	0	42	20000	0	0	9.9035	1764	4.05970	0
263	8.0	59.921	1	87	3500	0	0	8.1605	7569	4.09303	0
264	13.5	59.614	1	26	20000	20	0	9.9035	676	4.08789	1
265	12.0	57.405	1	20	12500	15	0	9.4335	400	4.05013	1
266	10.0	58.878	1	65	12500	0	0	9.4335	4225	4.07547	0
267	12.0	59.614	1	35	30000	20	0	10.3090	1225	4.08789	1
268	18.0	59.001	0	38	30000	0	0	10.3090	1444	4.07755	0
269	10.0	59.185	1	64	20000	20	0	9.9035	4096	4.08067	1
270	10.0	58.264	1	62	8500	0	0	9.0478	3844	4.06498	0
271	12.0	58.694	1	47	20000	1	0	9.9035	2209	4.07234	1
272	10.0	58.080	1	52	30000	20	0	10.3090	2704	4.06182	1
273	13.5	58.571	0	32	12500	0	0	9.4335	1024	4.07024	0
274	16.0	58.448	1	26	20000	15	0	9.9035	676	4.06814	1
275	18.0	59.553	1	35	20000	0	0	9.9035	1225	4.08687	0
276	16.0	57.712	1	35	30000	0	0	10.3090	1225	4.05547	0
277	10.0	59.062	1	24	12500	0	0	9.4335	576	4.07859	0
278	8.0	59.430	1	77	20000	1	0	9.9035	5929	4.08480	1
279	13.5	58.141	1	24	4500	20	0	8.4118	576	4.06287	1
280	8.0	53.325	1	63	20000	20	0	9.9035	3969	3.97641	1
281	18.0	53.049	0	58	20000	0	0	9.9035	3364	3.97122	0
282	10.0	52.888	1	69	3500	0	0	8.1605	4761	3.96818	0
283	13.5	54.381	0	62	12500	50	0	9.4335	3844	3.99602	1
284	12.0	53.670	1	27	12500	0	0	9.4335	729	3.98285	0
285	13.5	53.049	1	30	20000	20	0	9.9035	900	3.97122	1

	10.0	52.796	1	51	30000	0	0	10.3090	2601	3.96644	0
287	12.0	53.118	1	32	12500	0	0	9.4335	1024	3.97252	0
288	10.0	52.819	1	51	30000	20	0	10.3090	2601	3.96687	1
289	6.0	53.647	1	53	20000	0	0	9.9035	2809	3.98243	0
290	13.5	53.509	0	20	20000	0	0	9.9035	400	3.97985	0
291	13.5	53.279	0	22	12500	40	0	9.4335	484	3.97554	1
292	16.0	52.819	1	24	30000	0	0	10.3090	576	3.96687	0
293	12.0	53.256	1	23	6500	0	0	8.7796	529	3.97511	0
294	12.0	52.819	1	65	30000	0	0	10.3090	4225	3.96687	0
295	8.0	53.233	1	21	20000	20	0	9.9035	441	3.97468	1
296	8.0	52.980	1	19	1500	0	0	7.3132	361	3.96991	0
297	10.0	53.509	1	24	12500	20	0	9.4335	576	3.97985	1
298	12.0	53.325	1	34	20000	30	0	9.9035	1156	3.97641	1
299	10.0	52.819	1	54	8500	6	0	9.0478	2916	3.96687	1
300	18.0	58.142	1	50	20000	15	0	9.9035	2500	4.06289	1
301	13.5	57.912	1	65	8500	20	0	9.0478	4225	4.05893	1
302	12.0	56.900	1	33	20000	20	0	9.9035	1089	4.04130	1
303	8.0	57.682	1	69	8500	0	0	9.0478	4761	4.05495	0
304	15.0	59.235	1	26	12500	30	0	9.4335	676	4.08151	1
305	8.0	57.682	1	69	8500	0	0	9.0478	4761	4.05495	0
306	12.0	56.900	1	59	30000	20	0	10.3090	3481	4.04130	1
307	12.0	57.677	1	35	12500	20	0	9.4335	1225	4.05486	1
308	6.0	58.378	1	54	8500	0	0	9.0478	2916	4.06694	0
309	13.5	55.596	0	28	12500	0	0	9.4335	784	4.01811	0
310	12.0	55.596	0	28	20000	15	0	9.9035	784	4.01811	1
311	10.0	45.283	1	77	3500	30	0	8.1605	5929	3.81293	1
312	12.0	44.059	1	64	20000	0	0	9.9035	4096	3.78553	0
313	10.0	45.561	1	52	4500	40	0	8.4118	2704	3.81905	1
314	10.0	45.283	1	21	1500	30	0	7.3132	441	3.81293	1
315	10.0	45.839	1	46	30000	0	0	10.3090	2116	3.82514	0
316	12.0	45.227	1	24	20000	0	0	9.9035	576	3.81169	0
317	12.0	45.839	1	31	8500	30	0	9.0478	961	3.82514	1
318	12.0	44.004	1	26	8500	0	0	9.0478	676	3.78428	0
319	10.0	45.784	1	79	4500	0	0	8.4118	6241	3.82394	0
320	12.0	46.521	1	53	30000	30	0	10.3090	2809	3.83990	1
321	12.0	58.149	1	32	12500	40	0	9.4335	1024	4.06301	1
322	15.0	60.235	1	21	5500	0	0	8.6125	441	4.09825	0
323	15.0	58.983	1	18	20000	0	0	9.9035	324	4.07725	0
324	13.5	59.428	1	30	12500	0	0	9.4335	900	4.08477	0
325	12.0	59.372	1	20	20000	15	0	9.9035	400	4.08382	1
326	8.0	56.904	1	69	12500	40	0	9.4335	4761	4.04137	1
327	8.0	58.053	1	59	30000	20	0	10.3090	3481	4.06136	1
328	12.0	57.069	1	56	30000	30	0	10.3090	3136	4.04426	1
329	18.0	57.179	1	43	30000	0	0	10.3090	1849	4.04619	0
330	10.0	57.434	1	40	30000	40	0	10.3090	1600	4.05064	1
331	16.0	58.795	1	37	30000	0	0	10.3090	1369	4.07406	0
332	10.0	58.255	1	36	12500	0	0	9.4335	1296	4.06483	0
333	13.5	58.795	1	28	30000	40	0	10.3090	784	4.07406	1

	12.0	57.871	1	33	30000	0	0	10.3090	1089	4.05822	0
335	16.0	57.288	1	63	20000	0	0	9.9035	3969	4.04809	0
336	8.0	57.835	1	51	1500	20	0	7.3132	2601	4.05759	1
337	12.0	58.795	1	33	30000	10	0	10.3090	1089	4.07406	1
338	13.5	57.069	1	39	30000	0	0	10.3090	1521	4.04426	0
339	12.0	57.762	1	21	20000	20	0	9.9035	441	4.05633	1
340	13.5	58.255	1	37	30000	0	0	10.3090	1369	4.06483	0
341	18.0	58.885	1	70	30000	0	0	10.3090	4900	4.07559	0
342	12.0	57.871	1	20	30000	0	0	10.3090	400	4.05822	0
343	16.0	57.069	1	27	12500	0	0	9.4335	729	4.04426	0
344	16.0	58.885	1	28	20000	4	0	9.9035	784	4.07559	1
345	16.0	66.761	1	30	20000	0	0	9.9035	900	4.20112	0
346	13.5	65.767	1	52	20000	20	0	9.9035	2704	4.18612	1
347	18.0	65.199	1	24	12500	0	0	9.4335	576	4.17744	0
348	12.0	65.767	1	71	12500	0	0	9.4335	5041	4.18612	0
349	12.0	67.115	1	39	20000	50	0	9.9035	1521	4.20641	1
350	12.0	68.335	1	19	8500	10	0	9.0478	361	4.22442	1
351	13.5	66.973	1	21	20000	0	0	9.9035	441	4.20429	0
352	16.0	67.399	1	33	3500	0	0	8.1605	1089	4.21063	0
353	13.5	66.122	1	51	20000	0	0	9.9035	2601	4.19150	0
354	8.0	65.767	1	54	30000	20	0	10.3090	2916	4.18612	1
355	13.5	67.541	1	44	20000	25	0	9.9035	1936	4.21274	1
356	12.0	67.115	1	43	30000	0	0	10.3090	1849	4.20641	0
357	6.0	65.767	1	68	5500	0	0	8.6125	4624	4.18612	0
358	12.0	66.761	1	22	20000	0	0	9.9035	484	4.20112	0
359	10.0	65.838	1	54	30000	40	0	10.3090	2916	4.18720	1
360	16.0	67.825	1	37	30000	30	0	10.3090	1369	4.21693	1
361	13.5	66.548	1	22	30000	15	0	10.3090	484	4.19792	1
362	18.0	58.381	1	65	30000	0	1	10.3090	4225	4.06699	0
363	12.0	60.224	1	30	30000	30	1	10.3090	900	4.09807	1
364	12.0	60.224	1	19	30000	2	1	10.3090	361	4.09807	1
365	15.0	60.349	1	35	30000	0	1	10.3090	1225	4.10014	0
366	10.0	59.986	1	59	30000	0	1	10.3090	3481	4.09411	0
367	12.0	58.202	1	18	1500	0	1	7.3132	324	4.06392	0
368	12.0	58.262	1	44	20000	20	1	9.9035	1936	4.06495	1
369	16.0	58.856	1	37	20000	0	1	9.9035	1369	4.07509	0
370	12.0	60.522	1	37	12500	20	1	9.4335	1369	4.10301	1
371	12.0	58.202	1	19	500	0	1	6.2146	361	4.06392	0
372	12.0	58.975	1	25	20000	0	1	9.9035	625	4.07711	0
373	16.0	58.916	0	31	12500	20	1	9.4335	961	4.07611	1
374	12.0	59.986	1	19	30000	0	1	10.3090	361	4.09411	0
375	10.0	58.499	1	18	30000	0	1	10.3090	324	4.06901	0
376	16.0	59.867	1	28	20000	20	1	9.9035	784	4.09213	1
377	18.0	58.381	1	46	30000	0	1	10.3090	2116	4.06699	0
378	12.0	58.262	1	27	20000	0	1	9.9035	729	4.06495	0
379	12.0	57.845	1	58	20000	0	1	9.9035	3364	4.05777	0
380	12.0	60.522	1	19	30000	0	1	10.3090	361	4.10301	0
381	13.5	60.283	1	30	20000	3	1	9.9035	900	4.09905	1

	13.5	58.737	1	58	30000	30	1	10.3090	3364	4.07307	1
383	6.0	58.024	1	42	20000	10	1	9.9035	1764	4.06086	1
384	13.5	58.083	1	45	30000	0	1	10.3090	2025	4.06187	0
385	10.0	60.436	1	18	12500	14	1	9.4335	324	4.10159	1
386	12.0	60.551	0	40	30000	20	1	10.3090	1600	4.10349	1
387	13.5	59.986	1	66	8500	0	1	9.0478	4356	4.09411	0
388	12.0	60.224	1	64	8500	20	1	9.0478	4096	4.09807	1
389	12.0	59.986	0	43	30000	20	1	10.3090	1849	4.09411	1
390	10.0	60.551	1	53	30000	0	1	10.3090	2809	4.10349	0
391	16.0	58.797	1	36	30000	30	1	10.3090	1296	4.07409	1
392	13.5	60.493	1	43	20000	20	1	9.9035	1849	4.10253	1
393	18.0	59.570	1	25	12500	0	1	9.4335	625	4.08715	0
394	12.0	60.464	1	35	30000	0	1	10.3090	1225	4.10205	0
395	16.0	62.102	1	29	30000	0	1	10.3090	841	4.12878	0
396	12.0	62.465	1	18	3500	0	1	8.1605	324	4.13461	0
397	12.0	63.199	1	20	12500	0	1	9.4335	400	4.14629	0
398	12.0	62.344	1	19	30000	0	1	10.3090	361	4.13267	0
399	10.0	62.948	1	17	30000	0	1	10.3090	289	4.14231	0
400	18.0	61.498	0	29	30000	20	1	10.3090	841	4.11901	1
401	8.0	61.458	1	65	12500	0	1	9.4335	4225	4.11835	0
402	12.0	61.498	1	42	20000	0	1	9.9035	1764	4.11901	0
403	16.0	63.253	1	32	30000	0	1	10.3090	1024	4.14714	0
404	18.0	62.948	1	36	30000	0	1	10.3090	1296	4.14231	0
405	16.0	63.253	1	57	30000	0	1	10.3090	3249	4.14714	0
406	12.0	62.465	1	31	12500	0	1	9.4335	961	4.13461	0
407	10.0	62.264	1	17	20000	0	1	9.9035	289	4.13138	0
408	10.0	62.948	0	17	20000	0	1	9.9035	289	4.14231	0
409	8.0	59.376	1	45	20000	8	0	9.9035	2025	4.08389	1
410	12.0	59.621	1	19	30000	10	0	10.3090	361	4.08801	1
411	8.0	54.338	1	74	5500	0	0	8.6125	5476	3.99522	0
412	12.0	53.653	1	46	30000	25	0	10.3090	2116	3.98254	1
413	13.5	54.925	1	27	30000	0	0	10.3090	729	4.00597	0
414	12.0	56.294	1	66	20000	0	0	9.9035	4356	4.03059	0
415	16.0	54.925	1	44	30000	0	0	10.3090	1936	4.00597	0
416	12.0	55.022	1	33	30000	0	0	10.3090	1089	4.00773	0
417	12.0	54.142	1	64	20000	0	0	9.9035	4096	3.99161	0
418	13.5	57.485	1	54	30000	1	0	10.3090	2916	4.05152	1
419	10.0	57.585	0	27	12500	30	0	9.4335	729	4.05326	1
420	6.0	57.485	1	75	4500	0	0	8.4118	5625	4.05152	0
421	10.0	53.262	1	19	8500	0	0	9.0478	361	3.97522	0
422	6.0	56.979	1	69	2500	20	0	7.8240	4761	4.04268	1
423	12.0	55.707	1	30	8500	0	0	9.0478	900	4.02011	0
424	12.0	56.098	1	64	12500	0	0	9.4335	4096	4.02710	0
425	13.5	57.336	1	37	30000	0	0	10.3090	1369	4.04893	0
426	12.0	54.436	1	31	30000	0	0	10.3090	961	3.99703	0
427	12.0	57.585	1	30	20000	2	0	9.9035	900	4.05326	1
428	6.0	55.015	1	38	30000	0	1	10.3090	1444	4.00761	0
429	12.0	59.653	1	20	30000	0	1	10.3090	400	4.08854	0

	12.0	59.653	1	21	3500	20	1	8.1605	441	4.08854	1
431	12.0	56.804	1	19	12500	0	1	9.4335	361	4.03961	0
432	18.0	58.464	1	71	12500	0	0	9.4335	5041	4.06841	0
433	10.0	63.103	1	49	20000	18	0	9.9035	2401	4.14477	1
434	10.0	55.168	1	42	8500	0	0	9.0478	1764	4.01038	0
435	8.0	55.007	1	54	12500	10	0	9.4335	2916	4.00746	1
436	13.5	55.168	1	24	20000	20	0	9.9035	576	4.01038	1
437	12.0	54.322	1	60	30000	0	0	10.3090	3600	3.99493	0
438	12.0	55.168	1	54	20000	0	0	9.9035	2916	4.01038	0
439	10.0	53.879	1	28	8500	20	0	9.0478	784	3.98674	1
440	8.0	64.994	1	67	12500	0	0	9.4335	4489	4.17430	0
441	12.0	65.550	1	56	20000	40	0	9.9035	3136	4.18281	1
442	16.0	64.048	1	36	30000	0	0	10.3090	1296	4.15963	0
443	12.0	64.438	0	25	30000	0	0	10.3090	625	4.16570	0
444	13.5	65.828	1	34	20000	0	0	9.9035	1156	4.18705	0
445	10.0	65.605	1	20	20000	5	0	9.9035	400	4.18365	1
446	13.5	64.493	1	21	30000	10	0	10.3090	441	4.16656	1
447	12.0	64.938	1	42	8500	0	0	9.0478	1764	4.17343	0
448	13.5	64.549	1	28	12500	20	0	9.4335	784	4.16743	1
449	18.0	65.439	1	29	20000	0	0	9.9035	841	4.18112	0
450	8.0	64.994	1	70	5500	20	0	8.6125	4900	4.17430	1
451	12.0	66.328	1	32	12500	30	0	9.4335	1024	4.19461	1
452	13.5	65.772	0	42	30000	40	0	10.3090	1764	4.18619	1
453	10.0	65.161	1	17	30000	30	0	10.3090	289	4.17686	1
454	12.0	66.784	1	24	20000	0	0	9.9035	576	4.20146	0
455	15.0	66.328	0	64	20000	0	0	9.9035	4096	4.19461	0
456	12.0	65.717	1	57	30000	60	0	10.3090	3249	4.18536	1
457	16.0	64.104	1	51	30000	0	0	10.3090	2601	4.16051	0
458	13.5	65.717	1	29	12500	18	0	9.4335	841	4.18536	1
459	10.0	64.438	1	66	6500	20	0	8.7796	4356	4.16570	1
460	13.5	64.382	1	62	30000	15	0	10.3090	3844	4.16483	1
461	16.0	66.328	1	29	30000	40	0	10.3090	841	4.19461	1
462	6.0	65.605	1	58	8500	0	0	9.0478	3364	4.18365	0
463	15.0	65.161	0	53	20000	0	0	9.9035	2809	4.17686	0
464	13.5	65.439	1	38	30000	0	0	10.3090	1444	4.18112	0
465	12.0	64.104	1	24	20000	0	0	9.9035	576	4.16051	0
466	8.0	66.384	1	59	20000	0	0	9.9035	3481	4.19546	0
467	16.0	66.217	1	30	30000	0	0	10.3090	900	4.19294	0
468	8.0	64.382	1	37	20000	0	0	9.9035	1369	4.16483	0
469	12.0	65.995	1	43	20000	0	0	9.9035	1849	4.18958	0
470	12.0	66.162	0	60	20000	0	0	9.9035	3600	4.19211	0
471	10.0	64.994	1	24	12500	40	0	9.4335	576	4.17430	1
472	12.0	64.549	1	60	12500	0	0	9.4335	3600	4.16743	0
473	8.0	62.040	1	82	4500	0	0	8.4118	6724	4.12778	0
474	12.0	64.192	1	61	20000	0	0	9.9035	3721	4.16188	0
475	10.0	64.507	1	66	30000	0	0	10.3090	4356	4.16677	0
476	15.0	61.850	1	33	30000	0	0	10.3090	1089	4.12471	0
477	10.0	64.564	1	26	20000	19	0	9.9035	676	4.16766	1

	8.0	64.192	0	85	20000	20	0	9.9035	7225	4.16188	1
479	13.5	62.104	1	32	20000	0	0	9.9035	1024	4.12881	0
480	10.0	63.369	1	27	8500	0	0	9.0478	729	4.14898	0
481	12.0	64.129	1	30	30000	20	0	10.3090	900	4.16090	1
482	12.0	62.673	1	30	5500	0	0	8.6125	900	4.13793	0
483	13.5	63.179	1	47	30000	0	0	10.3090	2209	4.14597	0
484	12.0	61.850	1	18	6500	0	0	8.7796	324	4.12471	0
485	12.0	62.420	0	20	6500	0	0	8.7796	400	4.13389	0
486	18.0	62.547	1	32	30000	0	0	10.3090	1024	4.13592	0
487	18.0	61.977	1	30	20000	0	0	9.9035	900	4.12676	0
488	10.0	63.686	1	17	20000	0	0	9.9035	289	4.15397	0
489	12.0	62.610	1	22	12500	10	0	9.4335	484	4.13693	1
490	13.5	61.787	1	43	30000	0	0	10.3090	1849	4.12369	0
491	10.0	63.306	1	56	20000	40	0	9.9035	3136	4.14798	1
492	6.0	61.977	1	64	6500	0	0	8.7796	4096	4.12676	0
493	6.0	62.926	1	76	12500	0	0	9.4335	5776	4.14196	0
494	12.0	64.002	1	28	12500	30	0	9.4335	784	4.15891	1
495	18.0	64.651	1	37	30000	0	0	10.3090	1369	4.16900	0
496	15.0	63.622	1	38	20000	0	0	9.9035	1444	4.15296	0
497	16.0	62.104	1	52	20000	20	0	9.9035	2704	4.12881	1
498	8.0	63.116	1	68	12500	0	0	9.4335	4624	4.14497	0
499	12.0	62.926	1	75	12500	0	0	9.4335	5625	4.14196	0
500	13.5	61.850	1	54	30000	20	0	10.3090	2916	4.12471	1
501	18.0	61.850	1	36	30000	40	0	10.3090	1296	4.12471	1
502	6.0	62.357	1	37	4500	0	0	8.4118	1369	4.13288	0
503	13.5	62.420	0	23	12500	28	0	9.4335	529	4.13389	1
504	6.0	64.192	1	36	6500	5	0	8.7796	1296	4.16188	1
505	10.0	63.116	1	44	30000	0	0	10.3090	1936	4.14497	0
506	18.0	64.192	0	56	20000	0	0	9.9035	3136	4.16188	0
507	10.0	64.319	1	64	12500	0	0	9.4335	4096	4.16386	0
508	13.5	62.990	1	45	30000	28	0	10.3090	2025	4.14298	1
509	12.0	61.787	1	56	30000	30	0	10.3090	3136	4.12369	1
510	8.0	63.179	1	62	30000	0	0	10.3090	3844	4.14597	0
511	15.0	62.800	1	62	12500	0	0	9.4335	3844	4.13996	0
512	16.0	64.564	1	52	30000	0	0	10.3090	2704	4.16766	0
513	10.0	63.116	1	18	30000	0	0	10.3090	324	4.14497	0
514	12.0	64.065	1	47	500	0	0	6.2146	2209	4.15990	0
515	18.0	63.179	1	52	30000	0	0	10.3090	2704	4.14597	0
516	12.0	64.129	1	18	20000	0	0	9.9035	324	4.16090	0
517	13.5	64.065	1	26	12500	20	0	9.4335	676	4.15990	1
518	15.0	64.622	1	22	30000	0	0	10.3090	484	4.16856	0
519	6.0	63.116	1	65	6500	0	0	8.7796	4225	4.14497	0
520	12.0	63.876	1	38	20000	20	0	9.9035	1444	4.15694	1
521	13.5	63.053	1	20	20000	0	0	9.9035	400	4.14398	0
522	16.0	62.040	1	41	20000	60	0	9.9035	1681	4.12778	1
523	16.0	63.306	1	28	20000	20	0	9.9035	784	4.14798	1
524	16.0	62.926	1	57	20000	0	0	9.9035	3249	4.14196	0
525	10.0	63.179	1	44	8500	7	0	9.0478	1936	4.14597	1

	13.5	64.478	1	32	20000	0	0	9.9035	1024	4.16632	0
527	13.5	64.129	1	22	8500	15	0	9.0478	484	4.16090	1
528	16.0	64.382	1	30	30000	0	0	10.3090	900	4.16483	0
529	16.0	62.420	1	30	12500	0	0	9.4335	900	4.13389	0
530	10.0	63.053	1	59	20000	40	0	9.9035	3481	4.14398	1
531	6.0	64.002	1	42	8500	0	0	9.0478	1764	4.15891	0
532	10.0	63.433	1	31	12500	20	0	9.4335	961	4.14998	1
533	12.0	63.369	1	39	20000	0	0	9.9035	1521	4.14898	0
534	8.0	63.686	1	65	12500	0	0	9.4335	4225	4.15397	0
535	10.0	62.104	0	78	12500	10	0	9.4335	6084	4.12881	1
536	10.0	63.622	0	17	4500	0	0	8.4118	289	4.15296	0
537	18.0	63.559	1	34	30000	0	0	10.3090	1156	4.15197	0
538	16.0	64.651	1	39	30000	0	0	10.3090	1521	4.16900	0
539	10.0	62.800	1	49	12500	0	0	9.4335	2401	4.13996	0
540	12.0	64.192	1	51	30000	0	0	10.3090	2601	4.16188	0
541	12.0	61.850	1	19	20000	0	0	9.9035	361	4.12471	0
542	12.0	63.559	1	26	20000	30	0	9.9035	676	4.15197	1
543	12.0	62.293	1	82	6500	0	0	8.7796	6724	4.13185	0
544	12.0	64.129	1	38	3500	10	0	8.1605	1444	4.16090	1
545	12.0	62.800	1	32	20000	30	0	9.9035	1024	4.13996	1
546	10.0	61.724	1	27	3500	30	0	8.1605	729	4.12267	1
547	12.0	64.564	1	35	20000	0	0	9.9035	1225	4.16766	0
548	10.0	63.749	1	54	20000	0	0	9.9035	2916	4.15495	0
549	12.0	61.977	1	37	30000	20	0	10.3090	1369	4.12676	1
550	10.0	64.651	0	60	12500	10	0	9.4335	3600	4.16900	1
551	10.0	63.433	1	17	30000	11	0	10.3090	289	4.14998	1
552	16.0	64.564	1	28	20000	40	0	9.9035	784	4.16766	1
553	8.0	62.167	1	35	12500	40	0	9.4335	1225	4.12982	1
554	10.0	64.002	1	40	8500	20	0	9.0478	1600	4.15891	1
555	6.0	64.129	1	24	3500	0	0	8.1605	576	4.16090	0
556	18.0	63.749	1	41	30000	0	0	10.3090	1681	4.15495	0
557	8.0	61.787	0	47	20000	0	0	9.9035	2209	4.12369	0
558	13.5	46.314	1	22	6500	0	0	8.7796	484	3.83544	0
559	18.0	44.726	1	29	20000	0	0	9.9035	841	3.80056	0
560	10.0	44.381	1	17	30000	30	0	10.3090	289	3.79281	1
561	13.5	47.648	0	40	30000	40	0	10.3090	1600	3.86384	1
562	13.5	46.314	1	32	8500	10	0	9.0478	1024	3.83544	1
563	13.5	47.004	1	47	30000	0	0	10.3090	2209	3.85023	0
564	10.0	46.659	1	58	20000	20	0	9.9035	3364	3.84287	1
565	18.0	44.450	1	74	30000	0	0	10.3090	5476	3.79437	0
566	12.0	47.492	1	49	30000	20	0	10.3090	2401	3.86056	1
567	6.0	47.211	1	69	5500	0	0	8.6125	4761	3.85463	0
568	16.0	47.211	1	25	12500	0	0	9.4335	625	3.85463	0
569	6.0	45.278	1	71	1500	0	0	7.3132	5041	3.81282	0
570	12.0	57.352	1	66	6500	1	0	8.7796	4356	4.04921	1
571	10.0	57.490	1	25	12500	20	0	9.4335	625	4.05161	1
572	10.0	59.151	1	50	20000	0	0	9.9035	2500	4.08009	0
573	13.5	57.030	1	19	2500	0	0	7.8240	361	4.04358	0

	6.0	57.168	1	28	3500	3	0	8.1605	784	4.04599	1
575	15.0	58.996	1	22	12500	0	0	9.4335	484	4.07747	0
576	13.5	58.088	1	49	30000	20	0	10.3090	2401	4.06196	1
577	12.0	57.536	1	39	20000	20	0	9.9035	1521	4.05241	1
578	10.0	58.641	1	19	3500	9	0	8.1605	361	4.07143	1
579	12.0	57.812	1	60	30000	0	0	10.3090	3600	4.05720	0
580	18.0	58.181	1	37	20000	18	0	9.9035	1369	4.06356	1
581	12.0	58.088	1	62	12500	0	0	9.4335	3844	4.06196	0
582	12.0	58.892	1	20	1500	0	0	7.3132	400	4.07571	0
583	16.0	58.135	1	23	4500	1	0	8.4118	529	4.06277	1
584	10.0	56.846	1	45	20000	60	0	9.9035	2025	4.04035	1
585	12.0	57.398	1	28	30000	40	0	10.3090	784	4.05001	1
586	12.0	59.151	1	20	30000	6	0	10.3090	400	4.08009	1
587	12.0	58.319	1	51	20000	0	0	9.9035	2601	4.06593	0
588	12.0	57.398	1	62	6500	0	0	8.7796	3844	4.05001	0
589	12.0	59.048	1	55	30000	0	0	10.3090	3025	4.07835	0
590	16.0	58.181	1	26	12500	0	0	9.4335	676	4.06356	0
591	12.0	58.088	0	41	20000	10	0	9.9035	1681	4.06196	1
592	13.5	58.227	1	67	12500	0	0	9.4335	4489	4.06435	0
593	10.0	57.398	1	19	30000	20	0	10.3090	361	4.05001	1
594	18.0	56.754	1	33	20000	0	0	9.9035	1089	4.03873	0
595	18.0	57.398	1	29	12500	0	0	9.4335	841	4.05001	0
596	12.0	57.444	1	49	20000	20	0	9.9035	2401	4.05081	1
597	12.0	59.048	1	29	3500	20	0	8.1605	841	4.07835	1
598	15.0	58.841	1	32	20000	0	0	9.9035	1024	4.07484	0
599	16.0	57.812	1	31	30000	60	0	10.3090	961	4.05720	1
600	10.0	57.904	1	17	20000	50	0	9.9035	289	4.05879	1
601	13.5	57.536	1	33	20000	0	0	9.9035	1089	4.05241	0
602	12.0	58.737	1	21	12500	0	0	9.4335	441	4.07307	0
603	10.0	58.319	1	59	20000	30	0	9.9035	3481	4.06593	1
604	13.5	56.984	1	25	30000	20	0	10.3090	625	4.04277	1
605	8.0	57.398	1	32	30000	60	0	10.3090	1024	4.05001	1
606	12.0	58.411	1	25	20000	0	0	9.9035	625	4.06750	0
607	13.5	58.737	1	61	6500	40	0	8.7796	3721	4.07307	1
608	18.0	58.892	1	66	30000	0	0	10.3090	4356	4.07571	0
609	10.0	57.398	1	22	12500	25	0	9.4335	484	4.05001	1
610	12.0	57.490	1	24	6500	10	0	8.7796	576	4.05161	1
611	18.0	58.135	1	43	30000	0	0	10.3090	1849	4.06277	0
612	12.0	59.048	1	51	20000	0	0	9.9035	2601	4.07835	0
613	16.0	57.812	1	45	30000	0	0	10.3090	2025	4.05720	0
614	12.0	58.841	1	45	20000	0	0	9.9035	2025	4.07484	0
615	18.0	57.398	1	66	8500	0	0	9.0478	4356	4.05001	0
616	12.0	58.892	0	38	30000	0	0	10.3090	1444	4.07571	0
617	10.0	56.846	1	49	20000	30	0	9.9035	2401	4.04035	1
618	13.5	57.444	1	29	8500	1	0	9.0478	841	4.05081	1
619	16.0	56.846	1	45	30000	33	0	10.3090	2025	4.04035	1
620	18.0	60.873	1	43	30000	80	0	10.3090	1849	4.10879	1
621	12.0	61.156	1	49	30000	0	0	10.3090	2401	4.11343	0

	13.5	62.718	1	20	30000	0	0	10.3090	400	4.13865	0
623	13.5	63.273	1	41	20000	20	0	9.9035	1681	4.14746	1
624	12.0	58.460	1	31	20000	0	0	9.9035	961	4.06834	0
625	13.5	60.021	1	28	12500	0	0	9.4335	784	4.09470	0
626	12.0	59.028	1	36	12500	0	0	9.4335	1296	4.07801	0
627	18.0	54.429	0	37	20000	0	0	9.9035	1369	3.99690	0
628	12.0	53.344	1	18	500	0	0	6.2146	324	3.97676	0
629	15.0	52.579	1	22	2500	0	0	7.8240	484	3.96232	0
630	18.0	52.700	1	33	20000	0	0	9.9035	1089	3.96462	0
631	10.0	53.143	1	76	4500	0	0	8.4118	5776	3.97299	0
632	13.5	52.700	1	34	20000	0	0	9.9035	1156	3.96462	0
633	13.5	60.786	0	78	2500	0	0	7.8240	6084	4.10736	0
634	12.0	60.974	1	31	3500	15	0	8.1605	961	4.11045	1
635	10.0	61.269	1	42	12500	0	0	9.4335	1764	4.11527	0
636	18.0	61.216	1	32	5500	10	0	8.6125	1024	4.11441	1
637	8.0	60.746	1	80	12500	0	0	9.4335	6400	4.10670	0
638	12.0	61.751	1	40	8500	10	0	9.0478	1600	4.12311	1
639	16.0	61.242	1	53	30000	0	0	10.3090	2809	4.11483	0
640	6.0	60.826	0	82	12500	0	0	9.4335	6724	4.10802	0
641	6.0	61.055	1	18	8500	11	0	9.0478	324	4.11178	1
642	8.0	61.081	0	46	12500	10	0	9.4335	2116	4.11220	1
643	12.0	61.202	1	60	20000	0	0	9.9035	3600	4.11418	0
644	8.0	61.684	1	78	6500	0	0	8.7796	6084	4.12203	0
645	12.0	60.947	1	47	30000	0	0	10.3090	2209	4.11000	0
646	10.0	60.813	1	17	30000	0	0	10.3090	289	4.10780	0
647	12.0	60.759	1	27	20000	2	0	9.9035	729	4.10692	1
648	18.0	61.242	1	48	30000	0	0	10.3090	2304	4.11483	0
649	18.0	61.028	1	39	30000	0	0	10.3090	1521	4.11133	0
650	12.0	61.229	1	25	30000	0	0	10.3090	625	4.11462	0
651	12.0	61.885	1	30	3500	10	0	8.1605	900	4.12528	1
652	18.0	60.746	1	59	20000	0	0	9.9035	3481	4.10670	0
653	16.0	61.041	1	47	30000	0	0	10.3090	2209	4.11155	0
654	12.0	61.189	1	32	8500	20	0	9.0478	1024	4.11397	1
655	10.0	61.189	1	17	20000	20	0	9.9035	289	4.11397	1
656	13.5	60.786	1	23	30000	0	0	10.3090	529	4.10736	0
657	12.0	61.256	1	20	12500	0	0	9.4335	400	4.11506	0
658	13.5	60.974	1	32	20000	0	0	9.9035	1024	4.11045	0
659	13.5	61.001	1	19	30000	10	0	10.3090	361	4.11089	1
660	12.0	61.095	1	23	20000	0	0	9.9035	529	4.11243	0
661	10.0	61.229	1	18	6500	0	0	8.7796	324	4.11462	0
662	12.0	61.229	1	54	20000	30	0	9.9035	2916	4.11462	1
663	12.0	60.947	1	65	20000	20	0	9.9035	4225	4.11000	1
664	8.0	60.974	1	55	6500	0	0	8.7796	3025	4.11045	0
665	12.0	61.001	1	29	30000	30	0	10.3090	841	4.11089	1
666	12.0	61.885	0	19	5500	8	0	8.6125	361	4.12528	1
667	16.0	60.786	1	27	12500	0	0	9.4335	729	4.10736	0
668	12.0	61.256	1	26	12500	35	0	9.4335	676	4.11506	1
669	10.0	61.189	1	59	30000	20	0	10.3090	3481	4.11397	1

	12.0	60.732	1	25	20000	0	0	9.9035	625	4.10647	0
671	16.0	61.041	1	78	12500	0	0	9.4335	6084	4.11155	0
672	6.0	60.826	1	69	6500	20	0	8.7796	4761	4.10802	1
673	10.0	61.216	1	58	20000	0	0	9.9035	3364	4.11441	0
674	15.0	51.000	1	24	12500	0	0	9.4335	576	3.93183	0
675	12.0	51.000	1	54	12500	0	0	9.4335	2916	3.93183	0
676	12.0	51.000	1	48	20000	0	0	9.9035	2304	3.93183	0
677	12.0	51.040	1	59	30000	30	0	10.3090	3481	3.93261	1
678	10.0	51.040	1	38	20000	40	0	9.9035	1444	3.93261	1
679	16.0	50.919	1	29	30000	0	0	10.3090	841	3.93024	0
680	12.0	51.443	1	33	12500	50	0	9.4335	1089	3.94048	1
681	6.0	51.000	1	32	2500	0	0	7.8240	1024	3.93183	0
682	18.0	57.982	1	36	30000	0	0	10.3090	1296	4.06013	0
683	6.0	59.996	0	49	30000	20	0	10.3090	2401	4.09428	1
684	16.0	58.040	1	69	20000	0	0	9.9035	4761	4.06113	0
685	12.0	60.868	0	18	30000	20	0	10.3090	324	4.10871	1
686	18.0	57.982	1	72	20000	0	0	9.9035	5184	4.06013	0
687	18.0	60.803	1	35	12500	40	0	9.4335	1225	4.10764	1
688	8.0	58.788	0	71	1500	0	0	7.3132	5041	4.07394	0
689	13.5	58.615	1	47	30000	0	0	10.3090	2209	4.07099	0
690	12.0	58.442	1	20	500	0	0	6.2146	400	4.06804	0
691	12.0	60.168	1	43	20000	0	0	9.9035	1849	4.09714	0
692	12.0	60.347	1	65	4500	0	0	8.4118	4225	4.10011	0
693	8.0	60.226	1	23	2500	10	0	7.8240	529	4.09810	1
694	12.0	59.996	1	44	30000	40	0	10.3090	1936	4.09428	1
695	13.5	63.989	0	28	20000	0	0	9.9035	784	4.15871	0
696	18.0	64.235	1	67	20000	0	0	9.9035	4489	4.16255	0
697	13.5	62.858	1	32	12500	0	0	9.4335	1024	4.14088	0
698	8.0	63.519	1	37	20000	0	0	9.9035	1369	4.15134	0
699	13.5	63.928	1	32	12500	4	0	9.4335	1024	4.15776	1
700	6.0	63.577	1	57	20000	0	0	9.9035	3249	4.15225	0
701	10.0	63.145	1	55	20000	30	0	9.9035	3025	4.14543	1
702	12.0	63.663	1	31	30000	0	0	10.3090	961	4.15360	0
703	12.0	63.088	1	57	30000	0	0	10.3090	3249	4.14453	0
704	13.5	63.744	0	54	30000	0	0	10.3090	2916	4.15488	0
705	16.0	63.989	0	24	20000	25	0	9.9035	576	4.15871	1
706	13.5	63.692	1	33	12500	0	0	9.4335	1089	4.15406	0
707	16.0	62.829	1	49	30000	0	0	10.3090	2401	4.14042	0
708	10.0	63.548	1	19	12500	0	0	9.4335	361	4.15180	0
709	16.0	62.570	1	50	8500	20	0	9.0478	2500	4.13629	1
710	18.0	62.829	1	58	30000	0	0	10.3090	3364	4.14042	0
711	10.0	62.973	1	65	20000	0	0	9.9035	4225	4.14271	0
712	10.0	64.235	1	18	8500	0	0	9.0478	324	4.16255	0
713	12.0	63.232	1	31	30000	20	0	10.3090	961	4.14681	1
714	12.0	62.829	1	34	20000	0	0	9.9035	1156	4.14042	0
715	12.0	63.490	1	55	30000	0	0	10.3090	3025	4.15088	0
716	16.0	63.260	1	28	12500	0	0	9.4335	784	4.14725	0
717	12.0	62.541	1	65	8500	20	0	9.0478	4225	4.13582	1

	8.0	63.928	0	68	5500	15	0	8.6125	4624	4.15776	1
719	13.5	62.829	1	29	30000	0	0	10.3090	841	4.14042	0
720	12.0	62.656	0	29	20000	10	0	9.9035	841	4.13766	1
721	12.0	62.858	1	61	8500	0	0	9.0478	3721	4.14088	0
722	16.0	63.375	1	45	30000	0	0	10.3090	2025	4.14907	0
723	15.0	63.318	1	66	20000	0	0	9.9035	4356	4.14817	0
724	12.0	63.548	1	18	30000	0	0	10.3090	324	4.15180	0
725	16.0	62.685	1	44	30000	40	0	10.3090	1936	4.13812	1
726	12.0	62.742	1	41	20000	0	0	9.9035	1681	4.13903	0
727	6.0	62.829	1	31	8500	0	0	9.0478	961	4.14042	0
728	12.0	63.577	1	61	4500	40	0	8.4118	3721	4.15225	1
729	10.0	63.232	1	29	20000	0	0	9.9035	841	4.14681	0
730	13.5	62.570	1	70	3500	12	0	8.1605	4900	4.13629	1
731	6.0	63.692	1	49	5500	20	0	8.6125	2401	4.15406	1
732	16.0	62.886	0	35	20000	0	0	9.9035	1225	4.14132	0
733	12.0	63.203	1	28	20000	15	0	9.9035	784	4.14635	1
734	12.0	63.548	0	30	20000	0	0	9.9035	900	4.15180	0
735	13.5	63.989	0	23	12500	0	0	9.4335	529	4.15871	0
736	12.0	62.771	1	35	20000	0	0	9.9035	1225	4.13949	0
737	12.0	63.260	1	24	8500	0	0	9.0478	576	4.14725	0
738	16.0	63.663	0	22	30000	0	0	10.3090	484	4.15360	0
739	10.0	63.663	1	49	30000	0	0	10.3090	2401	4.15360	0
740	12.0	63.232	1	38	30000	30	0	10.3090	1444	4.14681	1
741	12.0	56.174	0	22	30000	0	1	10.3090	484	4.02845	0
742	16.0	56.510	0	45	20000	0	1	9.9035	2025	4.03442	0
743	18.0	56.174	0	39	30000	0	1	10.3090	1521	4.02845	0
744	15.0	54.630	1	61	12500	0	1	9.4335	3721	4.00058	0
745	12.0	54.764	1	19	30000	0	1	10.3090	361	4.00303	0
746	18.0	56.174	1	36	20000	0	1	9.9035	1296	4.02845	0
747	10.0	54.764	1	21	30000	0	1	10.3090	441	4.00303	0
748	16.0	54.630	1	38	30000	0	1	10.3090	1444	4.00058	0
749	12.0	46.932	1	39	30000	0	0	10.3090	1521	3.84870	0
750	18.0	47.035	1	29	20000	0	0	9.9035	841	3.85089	0
751	13.5	48.798	1	44	30000	0	0	10.3090	1936	3.88769	0
752	12.0	46.310	1	46	30000	10	0	10.3090	2116	3.83536	1
753	13.5	47.657	1	26	30000	0	0	10.3090	676	3.86403	0
754	13.5	48.071	1	30	20000	0	0	9.9035	900	3.87268	0
755	12.0	47.346	1	47	20000	40	0	9.9035	2209	3.85748	1
756	6.0	48.545	1	64	20000	0	0	9.9035	4096	3.88249	0
757	12.0	47.501	1	18	20000	5	0	9.9035	324	3.86075	1
758	12.0	47.346	1	37	12500	20	0	9.4335	1369	3.85748	1
759	10.0	47.605	0	67	12500	0	0	9.4335	4489	3.86294	0
760	10.0	47.812	1	29	20000	20	0	9.9035	841	3.86728	1
761	18.0	46.466	1	60	30000	5	0	10.3090	3600	3.83872	1
762	12.0	46.776	1	39	20000	0	0	9.9035	1521	3.84537	0
763	13.5	46.310	1	59	20000	15	0	9.9035	3481	3.83536	1
764	6.0	46.518	1	75	1500	0	0	7.3132	5625	3.83984	0
765	12.0	48.545	1	19	30000	15	0	10.3090	361	3.88249	1

	13.5	63.450	1	27	20000	6	0	9.9035	729	4.15025	1
767	13.5	62.227	1	62	20000	0	0	9.9035	3844	4.13079	0
768	12.0	63.113	1	63	30000	20	0	10.3090	3969	4.14493	1
769	12.0	63.408	1	60	30000	0	0	10.3090	3600	4.14959	0
770	12.0	62.860	1	46	30000	20	0	10.3090	2116	4.14091	1
771	12.0	62.227	1	28	6500	0	0	8.7796	784	4.13079	0
772	13.5	62.227	1	20	20000	15	0	9.9035	400	4.13079	1
773	12.0	63.366	1	50	20000	0	0	9.9035	2500	4.14893	0
774	15.0	62.100	1	43	30000	0	0	10.3090	1849	4.12875	0
775	12.0	63.366	1	45	30000	55	0	10.3090	2025	4.14893	1
776	12.0	63.282	1	62	6500	0	0	8.7796	3844	4.14760	0
777	6.0	63.282	1	70	4500	12	0	8.4118	4900	4.14760	1
778	12.0	64.161	1	58	12500	0	0	9.4335	3364	4.16140	0
779	12.0	64.107	1	21	30000	0	0	10.3090	441	4.16055	0
780	13.5	63.028	1	27	1500	0	0	7.3132	729	4.14358	0
781	18.0	64.214	1	47	30000	0	0	10.3090	2209	4.16222	0
782	10.0	63.999	1	68	12500	0	0	9.4335	4624	4.15887	0
783	10.0	63.282	1	17	30000	2	0	10.3090	289	4.14760	1
784	16.0	62.227	1	35	20000	0	0	9.9035	1225	4.13079	0
785	12.0	62.691	1	37	30000	0	0	10.3090	1369	4.13822	0
786	16.0	63.838	1	30	20000	20	0	9.9035	900	4.15635	1
787	10.0	63.408	1	19	30000	0	0	10.3090	361	4.14959	0
788	12.0	63.493	1	54	12500	30	0	9.4335	2916	4.15093	1
789	12.0	63.838	1	41	30000	10	0	10.3090	1681	4.15635	1
790	12.0	62.227	1	34	30000	0	0	10.3090	1156	4.13079	0
791	13.5	62.691	1	28	6500	20	0	8.7796	784	4.13822	1
792	13.5	62.185	1	26	20000	30	0	9.9035	676	4.13011	1
793	12.0	62.480	1	18	30000	0	0	10.3090	324	4.13485	0
794	12.0	62.868	1	19	20000	0	0	9.9035	361	4.14104	0
795	6.0	61.251	1	29	20000	0	0	9.9035	841	4.11498	0
796	8.0	59.988	1	60	12500	15	0	9.4335	3600	4.09414	1
797	18.0	61.393	1	50	20000	0	0	9.9035	2500	4.11730	0
798	12.0	60.707	1	52	20000	40	0	9.9035	2704	4.10606	1
799	15.0	61.251	1	22	30000	5	0	10.3090	484	4.11498	1
800	10.0	60.036	1	38	20000	40	0	9.9035	1444	4.09494	1
801	10.0	60.227	1	63	12500	0	0	9.4335	3969	4.09812	0
802	16.0	60.995	1	23	12500	0	0	9.4335	529	4.11079	0
803	18.0	61.818	0	52	30000	20	0	10.3090	2704	4.12420	1
804	18.0	61.676	1	31	12500	0	0	9.4335	961	4.12190	0
805	16.0	60.707	1	30	20000	0	0	9.9035	900	4.10606	0
806	10.0	59.988	1	18	20000	0	0	9.9035	324	4.09414	0
807	10.0	59.652	1	47	30000	20	0	10.3090	2209	4.08853	1

The SAS System

The ROBUSTREG Procedure

Model Information	
Data Set	WORK.SMOKE
Dependent Variable	smokes
Number of Independent Variables	7
Number of Observations	807
Method	M Estimation

Number of Observations Read	807
Number of Observations Used	807

Parameter Information	
Parameter	Effect
Intercept	Intercept
lcigpric	lcigpric
lincome	lincome
educ	educ
age	age
agesq	agesq
restaurn	restaurn
white	white

Summary Statistics						
Variable	Q1	Median	Q3	Mean	Standard Deviation	MAD
lcigpric	4.0629	4.1117	4.1460	4.0960	0.0829	0.0596
lincome	9.4335	9.9035	10.3090	9.6873	0.7127	0.6011
educ	10.0000	12.0000	13.5000	12.4709	3.0572	2.9652
age	28.0000	38.0000	54.0000	41.2379	17.0273	19.2738
agesq	784.0	1444.0	2916.0	1990.1	1577.2	1286.9
restaurn	0	0	0	0.2466	0.4313	0
white	1.0000	1.0000	1.0000	0.8786	0.3268	0
smokes	0	0	1.0000	0.3841	0.4867	0

Parameter Estimates							
Parameter	DF	Estimate	Standard Error	95% Confidence Limits		Chi-Square	Pr > ChiSq
Intercept	1	0.6698	0.9247	-1.1426	2.4823	0.52	0.4689
lcigpric	1	-0.0743	0.2208	-0.5070	0.3584	0.11	0.7365
lincome	1	0.0133	0.0278	-0.0412	0.0679	0.23	0.6319
educ	1	-0.0307	0.0064	-0.0432	-0.0182	23.08	<.0001
age	1	0.0206	0.0061	0.0086	0.0326	11.29	0.0008
agesq	1	-0.0003	0.0001	-0.0004	-0.0001	16.34	<.0001
restaurn	1	-0.1068	0.0427	-0.1904	-0.0232	6.27	0.0123
white	1	-0.0267	0.0557	-0.1359	0.0825	0.23	0.6315
Scale	1	0.6650					

Diagnostics Summary

Observation Type	Proportion	Cutoff
Outlier	0.0000	3.0000

Goodness-of-Fit	
Statistic	Value
R-Square	0.0635
AICR	400.3571
BICR	445.7663
Deviance	173.4393

The SAS System

The REG Procedure
Model: MODEL1
Dependent Variable: smokes

Number of Observations Read	807
Number of Observations Used	807

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	7	11.83612	1.69087	7.54	<.0001
Error	799	179.08086	0.22413		
Corrected Total	806	190.91698			

Root MSE	0.47343	R-Square	0.0620
Dependent Mean	0.38414	Adj R-Sq	0.0538
Coeff Var	123.24322		

Parameter Estimates

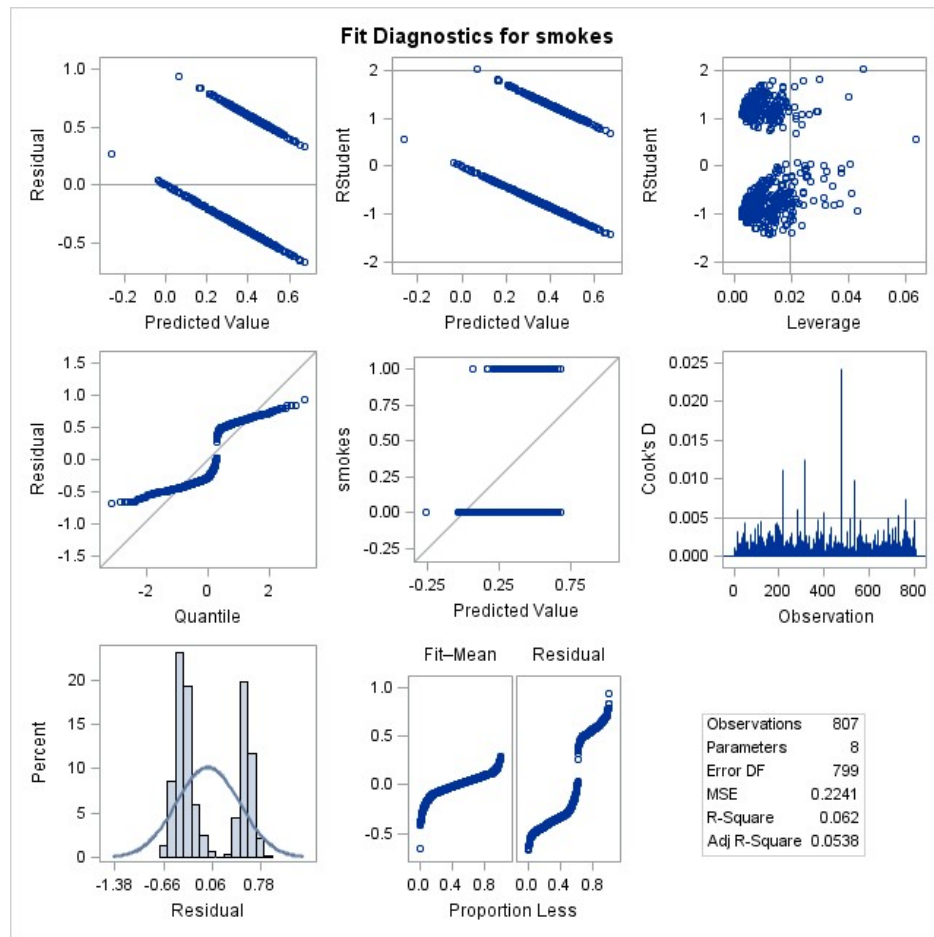| Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|	Heteroscedasticity Consistent Standard Error	t Value	Pr > |t|
Intercept	Intercept	1	0.65606	0.85496	0.77	0.4431	0.85979	0.76	0.4457
lcigpric	lcigpric	1	-0.06893	0.20411	-0.34	0.7357	0.20700	-0.33	0.7392
lincome	lincome	1	0.01216	0.02572	0.47	0.6365	0.02569	0.47	0.6361
educ	educ	1	-0.02888	0.00590	-4.89	<.0001	0.00561	-5.14	<.0001
age	age	1	0.01982	0.00567	3.50	0.0005	0.00538	3.68	0.0002
agesq	agesq	1	-0.00025979	0.00006170	-4.21	<.0001	0.00005685	-4.57	<.0001
restaurn	restaurn	1	-0.10076	0.03944	-2.55	0.0108	0.03750	-2.69	0.0074
white	white	1	-0.02568	0.05152	-0.50	0.6183	0.05044	-0.51	0.6108

The SAS System

The REG Procedure
Model: MODEL1
Dependent Variable: smokes

Heteroscedasticity Consistent Covariance of Estimates									
Variable	**Label**	**Intercept**	**lcigpric**	**lincome**	**educ**	**age**	**agesq**	**restaurn**	**white**
Intercept	Intercept	0.7392318318	-0.171297275	-0.003356531	0.0001003678	-0.000181	1.905083E-6	0.0041686445	-0.00407996
lcigpric	lcigpric	-0.171297275	0.0428489873	-0.000414374	-0.000014432	0.000011974	-2.577141E-7	-0.001093493	0.0003556822
lincome	lincome	-0.003356531	-0.000414374	0.0006602272	-0.000041468	-0.00004356	4.7700959E-7	-0.000045281	0.0000404491
educ	educ	0.0001003678	-0.000014432	-0.000041468	0.0000315175	-2.626718E-6	3.4015902E-8	-0.00001111	-2.400103E-6
age	age	-0.000181	0.000011974	-0.00004356	-2.626718E-6	0.000028994	-3.018475E-7	0.0000156351	-2.544016E-6
agesq	agesq	1.905083E-6	-2.577141E-7	4.7700959E-7	3.4015902E-8	-3.018475E-7	3.2318449E-9	-1.622157E-7	3.9060313E-8
restaurn	restaurn	0.0041686445	-0.001093493	-0.000045281	-0.00001111	0.0000156351	-1.622157E-7	0.0014064664	0.0001950961
white	white	-0.00407996	0.0003556822	0.0000404491	-2.400103E-6	-2.544016E-6	3.9060313E-8	0.0001950961	0.0025440402

The SAS System

The REG Procedure
Model: MODEL1
Dependent Variable: smokes

Fit Diagnostics for smokes

Residual by Regressors for smokes

Residual by Regressors for smokes

The SAS System