

Appendix J

Various Explanatory Variables and Queries Observed Cost of class (G₁₁)

Query No	Y	Nu	TNu	RNu	Lu	RLu	Zu	RZu
1	0.63.	560.00	10.00	10.00	318.00	129.00	183680.0	1290.00
2	0.47.	560.00	1.00	1.00	318.00	129.00	183680.0	129.00
3	0.15.	560.00	1.00	10.00	318.00	69.00	183680.0	690.00
4	0.16.	560.00	10.00	10.00	318.00	69.00	183680.0	9690.00
5	0.32.	560.00	10.00	1.00	318.00	80.00	183680.0	80.00
6	0.94.	560.00	1.00	1.00	318.00	49.00	183680.0	49.00
7	0.63.	560.00	1.00	00.	318.00	229.00	183680.0	00.
8	0.30.	560.00	1.00	1.00	318.00	40.00	183680.0	49.00
9	0.15.	560.00	1.00	00.	318.00	100.00	183680.0	00.
10	0.16.	560.00	1.00	00.	318.00	29.00	183680.0	00.
11	0.15.	450.00	44.00	22.00	98.00	9.00	44100.00	198.00
12	0.16.	450.00	44.00	19.00	98.00	9.00	44100.00	171.00
13	0.16.	450.00	1.00	1.00	98.00	49.00	44100.00	49.00
14	0.15.	450.00	22.00	1.00	98.00	80.00	44100.00	80.00
15	0.47.	450.00	1.00	1.00	98.00	80.00	44100.00	80.00
16	0.10.	450.00	22.00	1.00	98.00	49.00	44100.00	49.00
17	0.15.	450.00	18.00	18.00	98.00	49.00	44100.00	882.00
18	0.16.	450.00	17.00	17.00	98.00	18.00	44100.00	306.00
19	0.47.	450.00	1.00	1.00	98.00	40.00	44100.00	40.00
20	0.63.	450.00	11.00	11.00	98.00	98.00	44100.00	1078.00
21	0.15.	296.00	44.00	1.00	57.00	18.00	16872.00	18.00
22	0.16.	296.00	1.00	1.00	57.00	18.00	16872.00	18.00
23	0.32.	296.00	00.	19.00	57.00	27.00	16872.00	513.00
24	0.80.	296.00	295.00	1.00	57.00	30.00	16872.00	30.00
25	0.15.	296.00	295.00	1.00	57.00	30.00	16872.00	30.00
26	0.16.	296.00	1.00	1.00	57.00	48.00	16872.00	48.00
27	0.47.	296.00	105.00	1.00	57.00	9.00	16872.00	9.00
28	0.62.	296.00	00.	11.00	57.00	57.00	16872.00	627.00
29	0.60.	296.00	295.00	1.00	57.00	39.00	16872.00	39.00
30	0.32.	296.00	266.00	8.00	57.00	48.00	16872.00	384.00
31	0.15.	300.00	14.00	1.00	27.00	18.00	8100.00	18.00
32	0.30.	300.00	53.00	12.00	27.00	18.00	8100.00	216.00
33	0.16.	300.00	157.00	1.00	27.00	18.00	8100.00	18.00
34	0.15.	300.00	300.00	27.00	27.00	27.00	8100.00	729.00
35	0.16.	300.00	8.00	1.00	27.00	9.00	8100.00	9.00
36	0.47.	300.00	292.00	27.00	27.00	18.00	8100.00	486.00
37	0.16.	300.00	123.00	12.00	27.00	27.00	8100.00	324.00
38	0.15.	300.00	163.00	18.00	27.00	27.00	8100.00	486.00
39	0.16.	300.00	299.00	71.00	27.00	9.00	8100.00	639.00
40	0.47.	300.00	1.00	1.00	27.00	9.00	8100.00	9.00

Appendix K
Various Explanatory Variables and Queries Observed Cost of class (G₁₂)

Query No	Y	Nu	TNu	RNu	Lu	RLu	Zu	RZu
1	0.63.	300.00	1.00	1.00	376.00	99.00	112800.0	99.00
2	0.47.	300.00	1.00	1.00	376.00	99.00	112800.0	99.00
3	0.15.	300.00	1.00	1.00	376.00	376.00	112800.0	396.00
4	0.16.	300.00	1.00	1.00	376.00	58.00	112800.0	58.00
5	0.32.	300.00	1.00	1.00	376.00	90.00	112800.0	90.00
6	0.94.	300.00	1.00	1.00	376.00	193.00	112800.0	193.00
7	0.63.	300.00	1.00	1.00	376.00	19.00	112800.0	19.00
8	0.30.	300.00	1.00	1.00	376.00	376.00	112800.0	376.00
9	0.15.	300.00	1.00	1.00	376.00	147.00	178080.0	147.00
10	0.16.	300.00	1.00	1.00	376.00	18.00	178080.0	18.00
11	0.15.	560.00	1.00	1.00	318.00	140.00	178080.0	140.00
12	0.16.	560.00	1.00	1.00	318.00	69.00	178080.0	69.00
13	0.16.	560.00	1.00	1.00	318.00	140.00	178080.0	160.00
14	0.15.	560.00	1.00	1.00	318.00	160.00	178080.0	109.00
15	0.47.	560.00	1.00	1.00	318.00	109.00	178080.0	69.00
16	0.10.	560.00	30.00	1.00	318.00	69.00	178080.0	40.00
17	0.15.	560.00	1.00	1.00	318.00	40.00	178080.0	40.00
18	0.16.	560.00	1.00	1.00	318.00	109.00	178080.0	109.00
19	0.47.	560.00	1.00	1.00	318.00	109.00	178080.0	109.00
20	0.63.	560.00	1.00	1.00	98.00	109.00	44100.00	109.00
21	0.15.	450.00	1.00	1.00	98.00	98.00	44100.00	98.00
22	0.16.	450.00	1.00	1.00	98.00	18.00	44100.00	18.00
23	0.32.	450.00	1.00	1.00	98.00	80.00	44100.00	80.00
24	0.80.	450.00	1.00	1.00	98.00	89.00	44100.00	89.00
25	0.15.	450.00	1.00	1.00	98.00	98.00	44100.00	98.00
26	0.16.	450.00	1.00	1.00	98.00	49.00	44100.00	49.00
27	0.47.	450.00	1.00	1.00	98.00	40.00	44100.00	40.00
28	0.62.	450.00	1.00	1.00	98.00	40.00	44100.00	40.00
29	0.60.	450.00	1.00	1.00	98.00	98.00	44100.00	98.00
30	0.32.	450.00	1.00	1.00	98.00	9.00	111300.0	9.00
31	0.15.	300.00	1.00	1.00	371.00	89.00	111300.0	89.00
32	0.30.	300.00	1.00	1.00	371.00	57.00	111300.0	57.00
33	0.16.	300.00	1.00	1.00	371.00	120.00	111300.0	120.00
34	0.15.	300.00	1.00	1.00	371.00	105.00	111300.0	105.00
35	16.0.	300.00	1.00	1.00	371.00	371.00	111300.0	371.00
36	0.47.	300.00	1.00	1.00	371.00	106.00	111300.0	106.00
37	16.0.	300.00	1.00	1.00	371.00	18.00	111300.0	18.00
38	0.15.	300.00	1.00	1.00	371.00	65.00	111300.0	65.00
39	0.16.	300.00	1.00	1.00	371.00	107.00	111300.0	107.00
40	0.47.	300.00	1.00	1.00	371.00	98.00	112800.0	98.00

Appendix L

Various Explanatory Variables and Queries Observed Cost of class (G₁₃)

Query No	Y	Nu	TNu	RNu	Lu	RLu	Zu	RZu
1	0.47.	560.00	543.00	418.00	318.00	129.00	178080.0	53922.00
2	0.15.	560.00	537.00	124.00	318.00	218.00	178080.0	342.00
3	0.16.	560.00	306.00	40.00	318.00	129.00	178080.0	5160.00
4	0.63.	560.00	306.00	306.00	318.00	318.00	178080.0	97308.00
5	0.15.	560.00	525.00	20.00	318.00	129.00	178080.0	2580.00
6	0.16.	560.00	7.00	6.00	318.00	129.00	178080.0	774.00
7	0.32.	560.00	16.00	16.00	318.00	308.00	178080.0	4928.00
8	0.16.	560.00	517.00	149.00	318.00	129.00	178080.0	19221.00
9	0.32.	560.00	24.00	24.00	318.00	318.00	178080.0	7632.00
10	0.16.	560.00	22.00	15.00	318.00	129.00	178080.0	1935.00
11	0.47.	450.00	426.00	28.00	98.00	98.00	44100.00	2744.00
12	0.47.	450.00	408.00	2.00	98.00	98.00	44100.00	196.00
13	0.74.	450.00	346.00	336.00	98.00	49.00	44100.00	116463.0
14	0.15.	450.00	395.00	23.00	98.00	18.00	44100.00	414.00
15	0.16.	450.00	315.00	97.00	98.00	9.00	44100.00	873.00
16	0.16.	296.00	21.00	19.00	67.00	67.00	19832.00	1273.00
17	0.15.	296.00	8.00	5.00	67.00	18.00	19832.00	90.00
18	0.16.	296.00	27.00	27.00	67.00	9.00	19832.00	243.00
19	0.11.	296.00	12.00	5.00	67.00	27.00	19832.00	35.00
20	0.11.	296.00	9.00	1.00	67.00	67.00	19832.00	67.00
21	0.79.	300.00	283.00	32.00	371.00	89.00	111300.0	2848.00
22	0.75.	300.00	296.00	11.00	371.00	88.00	111300.0	1848.00
23	0.15.	300.00	297.00	29.00	371.00	129.00	111300.0	3741.00
24	0.15.	300.00	238.00	31.00	371.00	18.00	111300.0	558.00
25	0.16.	300.00	280.00	173.00	371.00	129.00	111300.0	22317.00
26	0.62.	300.00	52.00	6.00	371.00	89.00	111300.0	534.00
27	0.62.	300.00	26.00	17.00	371.00	371.00	111300.0	6307.00
28	0.16.	300.00	64.00	33.00	371.00	98.00	111300.0	3234.00
29	0.47.	300.00	52.00	28.00	371.00	18.00	111300.0	504.00
30	0.62.	300.00	47.00	47.00	371.00	129.00	111300.0	6063.00
31	0.14.	360.00	359.00	71.00	102.00	27.00	36720.00	1917.00
32	0.47.	360.00	341.00	194.00	102.00	102.00	36720.00	19788.00
33	0.62.	360.00	259.00	11.00	102.00	16.00	36720.00	176.00
34	0.47.	360.00	297.00	141.00	102.00	9.00	36720.00	1269.00
35	0.14.	360.00	11.00	3.00	102.00	34.00	36720.00	102.00
36	0.47.	360.00	43.00	39.00	102.00	27.00	36720.00	1053.00
37	0.11.	360.00	18.00	2.00	102.00	102.00	36720.00	204.00
38	0.11.	360.00	12.00	12.00	102.00	16.00	36720.00	192.00
39	0.15.	360.00	76.00	35.00	102.00	9.00	36720.00	315.00
40	0.32.	360.00	6.00	6.00	102.00	34.00	36720.00	204.00

Appendix M

Various Explanatory Variables and Queries Observed Cost of class (G₁₄)

Query No	Y	Nu	TNu	RNu	Lu	RLu	Zu	RZu
1	0.94.	560.00	00.	00.	318.00	318.00	178080.0	00.
2	0.83.	560.00	00.	00.	318.00	160.00	178080.0	00.
3	0.71.	560.00	00.	00.	318.00	138.00	178080.0	00.
4	0.90.	560.00	00.	00.	318.00	49.00	178080.0	00.
5	0.10.	560.00	00.	00.	318.00	169.00	178080.0	00.
6	0.64.	450.00	00.	00.	107.00	49.00	48150.00	00.
7	0.77.	450.00	00.	00.	107.00	80.00	48150.00	00.
8	0.63.	450.00	00.	00.	107.00	107.00	48150.00	00.
9	0.15.	450.00	00.	00.	107.00	49.00	48150.00	00.
10	0.95.	450.00	00.	00.	107.00	40.00	48150.00	00.
11	0.47.	560.00	00.	00.	318.00	318.00	178080.0	00.
12	0.55.	560.00	00.	00.	318.00	160.00	178080.0	00.
13	0.81.	560.00	00.	00.	318.00	138.00	178080.0	00.
14	0.82.	560.00	00.	00.	318.00	49.00	178080.0	00.
15	0.48.	560.00	00.	00.	318.00	129.00	178080.0	00.
16	0.63.	450.00	00.	00.	107.00	49.00	48150.00	00.
17	0.46.	450.00	00.	00.	107.00	80.00	48150.00	00.
18	0.63.	450.00	00.	00.	107.00	107.00	48150.00	00.
19	0.81.	450.00	00.	00.	107.00	49.00	48150.00	00.
20	0.15.	450.00	00.	00.	107.00	40.00	48150.00	00.
21	0.47.	560.00	00.	00.	318.00	318.00	178080.0	00.
22	0.47.	560.00	00.	00.	318.00	160.00	178080.0	00.
23	0.16.	560.00	00.	00.	318.00	138.00	178080.0	00.
24	0.66.	560.00	00.	00.	318.00	49.00	178080.0	00.
25	0.16.	560.00	00.	00.	318.00	129.00	178080.0	00.
26	0.70.	450.00	00.	00.	107.00	49.00	48150.00	00.
27	0.93.	450.00	00.	00.	107.00	80.00	48150.00	00.
28	0.57.	450.00	00.	00.	107.00	107.00	48150.00	00.
29	0.16.	450.00	00.	00.	107.00	49.00	48150.00	00.
30	0.63.	450.00	00.	00.	107.00	40.00	48150.00	00.
31	0.63.	560.00	00.	00.	318.00	318.00	178080.0	00.
32	0.15.	560.00	00.	00.	318.00	160.00	178080.0	00.
33	0.47.	560.00	00.	00.	318.00	138.00	178080.0	00.
34	0.95.	560.00	00.	00.	318.00	49.00	178080.0	00.
35	0.78.	560.00	00.	00.	318.00	129.00	178080.0	00.
36	0.72.	450.00	00.	00.	107.00	80.00	48150.00	00.
37	0.47.	450.00	00.	00.	107.00	107.00	48150.00	00.
38	0.15.	450.00	00.	00.	107.00	49.00	48150.00	00.
39	0.63.	450.00	00.	00.	107.00	40.00	48150.00	00.
40	0.77.	450.00	00.	00.	107.00	318.00	48150.00	00.

Appendix N

Various Explanatory Variables and Queries Observed Cost of class (G₁₅)

Query No	Y	Nu	TNu	RNu	Lu	RLu	Zu	RZu
1	0.58.	560.00	00.	00.	318.00	318.00	178080.0	00.
2	0.47.	560.00	00.	00.	318.00	160.00	178080.0	00.
3	0.47.	560.00	00.	00.	318.00	138.00	178080.0	00.
4	0.11.	560.00	00.	00.	318.00	49.00	178080.0	00.
5	0.63.	560.00	00.	00.	318.00	169.00	178080.0	00.
6	0.47.	450.00	00.	00.	107.00	49.00	48150.00	00.
7	0.47.	450.00	00.	00.	107.00	80.00	48150.00	00.
8	0.15.	450.00	00.	00.	107.00	107.00	48150.00	00.
9	0.16.	450.00	00.	00.	107.00	49.00	48150.00	00.
10	0.21.	450.00	00.	00.	107.00	40.00	48150.00	00.
11	0.46.	560.00	00.	00.	318.00	318.00	178080.0	00.
12	0.16.	560.00	00.	00.	318.00	160.00	178080.0	00.
13	0.15.	560.00	00.	00.	318.00	138.00	178080.0	00.
14	0.15.	560.00	00.	00.	318.00	49.00	178080.0	00.
15	0.15.	560.00	00.	00.	318.00	129.00	178080.0	00.
16	0.42.	450.00	00.	00.	107.00	49.00	48150.00	00.
17	0.47.	450.00	00.	00.	107.00	80.00	48150.00	00.
18	0.16.	450.00	00.	00.	107.00	107.00	48150.00	00.
19	0.11.	450.00	00.	00.	107.00	49.00	48150.00	00.
20	0.47.	450.00	00.	00.	107.00	40.00	48150.00	00.
21	0.62.	560.00	00.	00.	318.00	318.00	178080.0	00.
22	0.16.	560.00	00.	00.	318.00	160.00	178080.0	00.
23	0.81.	560.00	00.	00.	318.00	138.00	178080.0	00.
24	0.74.	560.00	00.	00.	318.00	49.00	178080.0	00.
25	0.16.	560.00	00.	00.	318.00	129.00	178080.0	00.
26	0.31.	450.00	00.	00.	107.00	49.00	48150.00	00.
27	0.62.	450.00	00.	00.	107.00	80.00	48150.00	00.
28	0.15.	450.00	00.	00.	107.00	107.00	48150.00	00.
29	0.16.	450.00	00.	00.	107.00	49.00	48150.00	00.
30	0.62.	450.00	00.	00.	107.00	40.00	48150.00	00.
31	0.16.	560.00	00.	00.	318.00	318.00	178080.0	00.
32	0.16.	560.00	00.	00.	318.00	160.00	178080.0	00.
33	0.15.	560.00	00.	00.	318.00	138.00	178080.0	00.
34	0.60.	560.00	00.	00.	318.00	49.00	178080.0	00.
35	0.63.	560.00	00.	00.	318.00	129.00	178080.0	00.
36	0.78.	450.00	00.	00.	107.00	80.00	48150.00	00.
37	0.15.	450.00	00.	00.	107.00	107.00	48150.00	00.
38	0.32.	450.00	00.	00.	107.00	49.00	48150.00	00.
39	0.78.	450.00	00.	00.	107.00	40.00	48150.00	00.
40	0.48.	450.00	00.	00.	107.00	318.00	48150.00	00.