

Table 31: OPEC

Var X	Var Y	$\beta_1(X, Y)$	p-value	Conditional set
1	2	0.0245	0.8006	{1, 2, 10, 13, 17}
1	3	3e-45	0.8405	{2, 10, 13, 17}
1	4	0.22158	0.0411	{5, 7, 11, 13, 14, 16}
1	5	0.0665	0.2268	{4, 8, 16, 17}
1	6	0.00756	0.0125	{4, 10, 17}
1	7	0.0	0.4705	{8, 9, 10, 11, 13, 15, 16, 17}
1	8	0.0	0.48015	{4, 8, 10, 11, 13, 16, 17, 17}
1	9	0.07338	0.12183	{2, 8, 13, 16, 17, 17}
1	10	0.05908	0.32297	{2, 12, 14, 16, 17}
1	11	3e-45	0.8055	{2, 3, 4, 7, 12, 15, 16, 17}
1	12	3e-45	0.47055	{4, 8, 7, 10, 11, 13, 14, 16, 17}
1	13	0.0	0.8136	{2, 8, 7, 11, 13, 16, 17}
1	14	0.02129	0.3076	{2, 3, 5, 8, 10, 16, 17}
1	15	0.0652	0.0734	{7}
1	16	3e-45	0.8125	{1, 5, 11, 13}
1	17	0.37091	0.0054	{5, 7, 10, 11, 12, 13, 14}
1	T	0.00075	0.0073	{4, 8, 9, 10, 14, 16, 17}
2	3	0.80035	0.3817	{1, 4, 6, 7, 11, 15, 16, 17}
2	4	0.0114	0.4648	{1, 7, 13, 16}
2	5	0.05759	0.6030	{6, 7, 9, 10, 11, 13, 15, 17}
2	6	0.17189	0.0009	{1, 7, 13}
2	7	0.00924	0.4595	{8, 11, 13, 17}
2	8	0.05703	0.7123	{5, 12}
2	9	0.01181	0.4286	{4, 7, 10, 13, 15}
2	10	3e-45	0.47475	{1, 5, 7, 9, 13, 15, 17}
2	11	0.0	0.48065	{4, 7, 9, 10, 12, 14, 15, 16}
2	12	0.12155	0.84382	{8, 9, 9, 14, 16, 17, 17}
2	13	0.021	0.4196	{4, 8, 10, 13}
2	14	0.0532	0.6414	{5, 9, 12, 16, 17}
2	15	0.087	0.2318	{7, 13, 17}
2	16	3e-45	0.8043	{8, 9, 13}
2	17	0.05142	0.61704	{11, 12}
2	T	6e-45	0.80755	{1, 5, 7, 13, 15}
3	4	0.21516	0.0434	{1, 2, 3, 7, 8, 9, 11, 12, 13, 14, 16, 17}
3	5	0.0	0.48065	{1, 2, 3, 7, 8, 9, 10, 13, 14, 15, 16, 17}
3	6	0.0	0.80205	{2, 4, 7, 8, 12, 13, 14, 16}
3	7	0.0	0.47635	{2, 4, 7, 10, 11, 13}
3	8	0.12706	0.14259	{4, 8, 11, 12, 16, 17}
3	9	0.0	0.48585	{2, 3, 5, 7, 11, 13, 14, 16}
3	10	0.0293	0.5724	{4, 11, 16, 17}
3	11	0.11744	0.17208	{4, 8, 16, 17}
3	12	0.17509	0.08719	{4, 8, 7, 11, 13, 16, 17}
3	13	0.04336	0.34527	{2, 4, 6, 11, 12, 14, 16, 17}
3	14	0.0	0.47625	{1, 2, 3, 6, 8, 9, 10, 13, 15, 16, 17, 17}
3	15	0.0	0.47655	{1, 2, 4, 7, 9, 10, 13, 14, 17}
3	16	0.12724	0.15738	{2, 3, 5, 11, 12}
3	17	0.03759	0.59364	{11, 16}
3	T	0.00171	0.21427	{2, 11, 12, 13, 16}
4	5	0.16817	0.07109	{1, 2, 8, 9, 14, 16}
4	6	3e-45	0.48005	{10, 12, 13, 15, 17, 17}
4	7	0.0	0.47735	{2, 3, 5, 9, 12, 13, 14, 15, 16, 17}
4	8	0.01777	0.4296	{1, 2, 5, 9, 13}
4	9	0.00599	0.23147	{11, 13, 16}
4	10	0.11322	0.16142	{3, 5, 11, 16, 17}
4	11	0.11043	0.18788	{1, 2, 3, 7, 9, 13, 16, 17}
4	12	0.0	0.48095	{2, 3, 5, 8, 11, 13, 17, 17}
4	13	0.01138	0.48026	{1, 2, 3, 11, 12, 14}
4	14	0.28887	0.06109	{1, 8, 9, 12, 13, 16}
4	15	0.0	0.47935	{1, 2, 3, 6, 7, 8, 9, 12}
4	16	0.00157	0.49023	{2, 3, 5, 11, 13, 14, 17}
4	17	0.0	0.47665	{3, 5, 11, 13, 15, 16}
4	T	0.00047	0.48205	{1, 3, 13, 14, 16}
5	6	0.0	0.46445	{3, 4, 11, 12, 14, 15, 17}
5	7	0.40003	0.01241	{2, 3, 12, 15, 17}
5	8	0.33447	0.007	{1, 2, 4, 16}
5	9	3e-45	0.81745	{7, 13, 16}
5	10	0.10195	0.79482	{3, 4, 8, 16, 17}
5	11	0.00092	0.60414	{7, 13, 16, 17}
5	12	0.0	0.47685	{1, 2, 7, 10, 11, 13, 15, 16, 17}
5	13	0.00611	0.3474	{2, 3, 7, 10, 11, 14, 15, 17}
5	14	0.0	0.48505	{8, 9, 9, 13, 15, 17, 17}
5	15	0.03133	0.50364	{7, 17}
5	16	0.11061	0.16468	{1, 2, 4, 8, 11}
5	17	0.0	0.46655	{2, 7, 8, 7, 10, 11, 12, 13, 14}
5	T	0.0043	0.26244	{2, 7, 13}
6	7	0.13088	0.06279	{12, 12, 13}
6	8	0.00506	0.25017	{5, 7, 13, 16}
6	9	0.0	0.48705	{1, 2, 3, 7, 8, 10, 12, 13, 16, 17}
6	10	0.0002	0.47055	{2, 7, 11, 12, 13, 14}
6	11	3e-45	0.47925	{2, 3, 6, 14, 15, 16, 17}
6	12	0.00014	0.27378	{3, 7, 10, 13, 14, 16}
6	13	0.13335	0.10119	{2, 7, 10, 12, 14, 16}
6	14	0.00096	0.23548	{1, 2, 4, 7, 10, 12, 13, 16}
6	15	0.00114	0.56544	{7}
6	16	0.00011	0.48775	{2, 5, 11, 12, 13, 14}
6	17	0.00548	0.3036	{1, 2, 7, 10, 12, 13, 14}
6	T	0.10081	0.78302	{1, 2, 3, 10, 14, 16}
7	8	0.0	0.48885	{1, 2, 3, 6, 9, 10, 12, 13, 14, 17, 17}
7	9	0.0	0.48705	{1, 2, 3, 8, 10, 11, 13, 15, 16}
7	10	0.02388	0.8026	{1, 2, 3, 10, 12, 13, 15, 17, 17}
7	11	0.12771	0.16228	{1, 2, 3, 10, 13, 15, 16, 17}
7	12	0.10872	0.17708	{1, 3, 10, 13, 15, 17}
7	13	0.0	0.48005	{2, 3, 4, 9, 12, 14, 15, 17}
7	14	0.02114	0.52265	{11, 17}
7	15	0.2114	0.05489	{7}
7	16	4e-45	0.0125	{2, 3, 10, 11, 13, 15, 17, 17}
7	17	0.10058	0.19228	{1, 2, 10, 11, 12, 13, 14, 15, 17}
7	T	0.15259	0.21249	{11, 12, 16}
8	9	0.07342	0.72013	{1, 3, 10, 16}
8	10	3e-45	0.47465	{11, 15, 17}
8	11	0.03272	0.30496	{3, 4, 5, 7, 16}
8	12	0.0	0.48415	{4, 8, 9, 10, 11, 15, 16, 17, 17}
8	13	0.00056	0.49055	{9, 16, 17}
8	14	0.0	0.48005	{3, 5, 7, 10, 11, 13, 15, 17}
8	15	0.11467	0.81442	{1, 3, 16}
8	16	3e-45	0.80985	{1, 2, 3, 13}
8	17	0.11435	0.18258	{1, 8, 6, 7, 11, 12}
8	T	3e-45	0.47365	{1, 2, 3, 6, 10, 11}
9	10	0.0	0.48885	{1, 2, 4, 5, 7, 11, 16, 17, 17}
9	11	0.00946	0.37116	{3, 4, 15}
9	12	0.0	0.48135	{2, 7, 10, 11, 13, 16, 17}
9	13	3e-45	0.47695	{3, 5, 10, 11, 12, 14, 15}
9	14	0.21309	0.03809	{4, 10, 13, 17}
9	15	0.0506	0.11667	{7, 11, 14, 17}
9	16	0.00388	0.09223	{2, 10, 14, 16}
9	17	0.0	0.47545	{1, 3, 8, 10, 12, 13, 16}
9	T	0.0	0.46055	{2, 3, 4, 5, 6, 11, 12, 14}
10	11	0.02492	0.50434	{1, 4, 16, 17}
10	12	0.0781	0.23097	{6, 7, 12, 14, 17, 17}
10	13	0.00082	0.21458	{2, 12, 14}
10	14	0.00025	0.20438	{1, 3, 9, 12, 16, 17}
10	15	0.0	0.46655	{1, 2, 3, 8, 9, 17}
10	16	0.02001	0.50774	{3, 4, 5, 11}
10	17	0.22284	0.0149	{1, 7, 12, 14}
10	T	0.04405	0.60364	{1, 3, 6, 9, 14, 16, 17}
11	12	3e-45	0.47985	{1, 3, 5, 10, 13, 14, 15, 16}
11	13	3e-45	0.47335	{5, 10, 14}
11	14	0.17338	0.03221	{9, 16, 16}
11	15	0.02421	0.38846	{7, 13, 16, 17}
11	16	0.19778	0.05029	{3, 4}
11	T	0.0	0.47005	{1, 3, 4, 5, 8, 9, 10, 16, 17}
11	17	4e-45	0.48055	{1, 2, 3, 7, 9, 12, 13, 15}
12	13	0.029	0.37266	{3, 5, 7, 10, 14, 17}
12	14	0.00068	0.45886	{1, 2, 4, 6, 9, 10, 13, 15, 16, 17, 17}
12	15	0.00083	0.49096	{7, 13, 17}
12	16	0.0	0.48985	{6, 8, 11, 13}
12	17	0.10675	0.06429	{1, 3, 7, 10, 11, 13, 14, 17}
12	T	0.07827	0.26667	{1, 7, 13, 15}
13	14	0.11304	0.13758	{4, 8, 9, 10, 12}
13	15	0.0	0.48065	{5, 7, 8, 9, 11, 17}
13	16	3e-45	0.48365	{2, 10, 12, 15}
13	17	0.0	0.44345	{1, 2, 3, 4, 6, 9, 11, 12, 14, 16}
13	T	3e-45	0.42366	{1, 2, 5, 6, 10, 14}
14	15	3e-45	0.80985	{4, 7, 9, 11, 12, 17}
14	16	3e-45	0.80555	{1, 3, 4, 5, 10, 11, 12}
14	17	0.10013	0.10778	{1, 4, 6, 10, 12, 13, 15}
14	T	0.00097	0.60115	{1, 2, 3, 8, 9, 10, 16}
15	16	0.20963	0.0064	{7}
15	17	3e-45	0.48065	{1, 2, 7, 11, 12, 13, 17}
15	T	0.20978	0.0057	{7}
16	17	0.0001	0.48405	{7, 10, 13, 15, 17}
16	T	0.02832	0.17964	{15}
17	T	0.00029	0.61016	{5, 9, 10, 11, 13, 14, 16}