

Table 30: G20

Var X	Var Y	$R^2(X, Y)$	p-value	Conditional set
1	2	0.0	0.47445	(4, 6, 7, 9, 11, 13, 14, T)
1	3	0.0	0.47445	(6, 10, 11, 16, T)
1	4	0.02337	0.37446	(2, 5, 7, 9, 13, 16)
1	5	0.0	0.48255	(2, 4, 11, 14, 17)
1	6	0.02641	0.34047	(2, 7, 13, 16, T)
1	7	0.3236	0.017	(2, 4, 6, 8, 9, 11, 13, 14, 16, 17)
1	8	0.18603	0.0197	(5, 6, 7, 9, 13, 16, T)
1	9	0.0	0.48255	(2, 3, 4, 6, 7, 9, 11, 12, 13, 14)
1	10	0.0	0.41845	(2, 6, 7, 8, 11, 13, 14, 16, 17)
1	11	0.0	0.48255	(4, 6, 7, 8, 9, 10, 14, 15, 16, 17, T)
1	12	0.0	0.48255	(2, 3, 4, 5, 9, 10, 13, 15, 17, T)
1	13	0.17489	0.0309	(4, 6, 7, 10)
1	14	8e-05	0.47445	(2, 3, 5, 6, 7, 16, 17)
1	15	0.04329	0.63703	(5, 8, 10)
1	16	0.07075	0.14448	(2, 6, 7, 14)
1	17	0.0	0.47945	(3, 4, 6, 7, 8, 9, 10, 14, 16)
1	T	0.0	0.47445	(2, 3, 5, 6, 11, 12, 13, 15)
2	3	0.06548	0.76142	(6, 13)
2	4	0.06645	0.12978	(1, 3, 7, 9, 10, 12, 13, 15, 16)
2	5	0.0	0.47405	(3, 6, 10, 11, 13)
2	6	0.12131	0.07439	(7, 12, 13, 14, T)
2	7	0.13348	0.027	(1, 3, 9, 10, 14)
2	8	0.0	0.47965	(3, 4, 5, 6, 13, 14, 16, 17, T)
2	9	0.08114	0.13528	(1, 7, 10, 12, 13, 14, 17, T)
2	10	0.13702	0.0295	(4, 5, 6, 7, 9, 14, 17)
2	11	0.0	0.47485	(3, 6, 7, 12, 13, 16, 17)
2	12	0.03924	0.36307	(1, 5, 6, 9, 10, T)
2	13	0.0	0.48265	(1, 6, 10, 11, 16)
2	14	0.15911	0.034	(1, 5, 6, 7, 9, 17, T)
2	15	0.0	0.48205	(3, 4, 5, 6, 14, 16, T)
2	16	3e-05	0.48235	(1, 4, 10, 13, 15)
2	17	0.20544	0.008	(1, 7, 9, 10, 12, 14, 15, T)
2	T	0.03941	0.38456	(6, 9, 11, 12, 13, 14, 17)
3	4	0.00275	0.47775	(1, 5, 9, 10, 15, 16, T)
3	5	0.03246	0.22778	(4, 8, 10, 11, 12, 14, 15, 16)
3	6	4e-05	0.48725	(2, 13)
3	7	3e-05	0.48685	(4, 5, 10, T)
3	8	0.0	0.47925	(1, 9, 10, 11, 13, 14, 17, T)
3	9	0.00015	0.49115	(1, 10, 11, 12, 14, 16)
3	10	0.05665	0.24488	(1, 4, 5, 9, 11, 14, 16, 17, T)
3	11	0.0011	0.47965	(3, 10, 14, 16, T)
3	12	0.0	0.48485	(1, 6, 9, 10, 11, 13, 16, 17, T)
3	13	0.05622	0.75942	(3, 14, 16, T)
3	14	0.00622	0.46656	(1, 5, 9, 10, 16, T)
3	15	0.06296	0.18888	(11, 14, 16, T)
3	16	0.20813	0.0885	(5, 10, 11, 14, 15, T)
3	17	0.0	0.48905	(1, 2, 5, 9, 11, 13, 14, 16)
3	T	0.01263	0.48268	(1, 5, 9, 11, 14, 16)
4	5	0.08273	0.14809	(2, 3, 8, 10, 11, 12, 13, 15, 16)
4	6	3e-05	0.47335	(3, 5, 10, 12, 13)
4	7	0.0	0.47235	(1, 2, 5, 10, 11, 12, 15, 17, T)
4	8	0.0	0.48615	(1, 2, 5, 7, 9, 12, 15, T)
4	9	0.07286	0.18118	(1, 2, 5, 10, 12, 13, 16, T)
4	10	0.06948	0.19478	(2, 5, 9, 16)
4	11	0.0	0.48265	(2, 7, 9, 10, 13, 15, 16, T)
4	12	3e-05	0.48265	(5, 9, 10, 16)
4	13	0.04687	0.28637	(1, 2, 10)
4	14	0.0	0.48955	(1, 2, 5, 6, 7, 10, 15, 17, T)
4	15	0.065	0.20398	(2, 13, 16)
4	16	0.07713	0.11590	(2, 5, 7, 15)
4	17	0.0	0.48655	(1, 2, 5, 7, 8, 9, 10, 12, T)
4	T	3e-05	0.48675	(2, 7)
5	6	0.0	0.49275	(2, 4, 13, 14, 16, 17)
5	7	4e-05	0.47235	(5, 10, 15, 17)
5	8	0.16389	0.0298	(1, 3, 4, 11, 12, 14)
5	9	0.0	0.48145	(1, 6, 11, 15, 17)
5	10	3e-05	0.48225	(1, 2, 3, 4, 6, 7, 9, 12, 13, 14, 16)
5	11	0.01642	0.26237	(3, 4, 6, 8, 9, 12, 16, T)
5	12	0.02184	0.27376	(2, 3, 4, 6, 8, 10)
5	13	0.00851	0.44306	(4, 6, 7, 8, 10)
5	14	0.0	0.47215	(1, 2, 8, 10, 11, 12, 13, 15, 16, 17, T)
5	15	0.04543	0.66133	(12, 16, 17, T)
5	16	0.0	0.46715	(1, 2, 8, 10, 11, 12, 13, 14, 15, T)
5	17	0.00081	0.41815	(7, 10, 13, 15, T)
5	T	0.0	0.47575	(1, 2, 3, 12, 14, 15, 17)
6	7	0.14148	0.0095	(1, 2, 11, 13, 14, T)
6	8	3e-05	0.47175	(3, 7, 10, 11, 12, 14, 17, T)
6	9	0.0	0.49035	(1, 3, 4, 7, 10, 11, 12, 13, 17, T)
6	10	0.0	0.48715	(1, 5, 7, 9, 11, 12, 14, 15, 16, 17)
6	11	0.04802	0.20187	(1, 7, 12, 14, 15, 16, T)
6	12	0.1417	0.0418	(1, 2, 5, 7, 9, T)
6	13	0.00059	0.44466	(1, 7, 10)
6	14	0.06664	0.19558	(2, 7, T)
6	15	0.14683	0.05039	(11, 13, 14, 16, T)
6	16	0.0	0.48805	(1, 2, 3, 7, 11, 12, 13, 15, T)
6	17	2e-05	0.48805	(1, 5, 7, 10, 11, 12, 14)
6	T	0.18148	0.0218	(2, 7, 11, 12, 13, 14, 16, 17)
7	8	3e-05	0.48215	(1, 2, 6, 10, 12, 14, 16, 17)
7	9	0.14566	0.0426	(1, 2, 11, 12, 13, 14, 16, 17)
7	10	0.13928	0.06489	(2, 4, 6, 9, 14, 17)
7	11	0.07078	0.16288	(1, 5, 6, 9, 10, 14, 16, T)
7	12	0.0	0.47385	(2, 8, 9, 10, 13, 14, 16, 17)
7	13	0.01627	0.37686	(1)
7	14	0.18784	0.0194	(1, 2, 5, 6, 9, 11, 16, 17)
7	15	0.0	0.48608	(1, 11, 13, 14)
7	16	0.02623	0.33487	(3, 6, 11, 14)
7	17	0.05764	0.11888	(1, 2, 6, 9, 10, 11, 14)
7	T	0.0	0.47925	(1, 2, 3, 5, 6, 8, 9, 12, 13, 15, 16)
8	9	0.12446	0.06489	(1, 5, 7, 12, 17, T)
8	10	0.01772	0.26677	(1, 2, 5, 7, 9, 16, 17)
8	11	0.0	0.47325	(1, 2, 3, 4, 6, 9, 12, 13, 16, T)
8	12	0.06624	0.26378	(1, 5, 6, 9, 16, 17)
8	13	0.0	0.45435	(1, 3, 5, 6, 9, 10, 11, 12, 15, 16, 17, T)
8	14	0.0	0.44115	(1, 2, 4, 5, 6, 7, 9, 10, 11, 13, 16, 17, T)
8	15	0.00435	0.42736	(1, 5, 10, T)
8	16	0.0	0.48695	(1, 2, 3, 5, 7, 10, 12, 13, 14, T)
8	17	0.22462	0.0045	(1, 5, 7, 9, 10, 12, 14, T)
8	T	0.0171	0.30706	(1, 5, 6, 9, 11, 16, 17)
9	10	2e-05	0.48135	(1, 2, 3, 7, 12, 14, 17, T)
9	11	0.0	0.48485	(2, 4, 5, 6, 7, 10, 16, 17, T)
9	12	0.16113	0.0112	(2, 3, 4, 5, 6, 7, 8, 11, 14, T)
9	13	0.0	0.45955	(2, 3, 4, 5, 7, 8, 12, 16, T)
9	14	0.02683	0.35476	(1, 2, 3, 7, 12, 16, 17, T)
9	15	0.0	0.49775	(3, 5, 8, 11, 12, 13, T)
9	16	0.0	0.47075	(1, 2, 3, 7, 8, 10, 11, 12, 15, 17, T)
9	17	0.22747	0.0032	(1, 2, 7, 10, 12, 14, T)
9	T	0.05239	0.24618	(1, 2, 3, 5, 11, 12, 13, 14, 17)
10	11	0.00237	0.45336	(2, 3, 4, 5, 6, 7, 16, 17, T)
10	12	0.0	0.47455	(3, 6, 11, 13, 16, 17, T)
10	13	0.01267	0.37736	(1, 2, T)
10	14	0.00041	0.47005	(1, 2, 5, 7, 16, 17, T)
10	15	0.02499	0.51935	(1)
10	16	0.0	0.46845	(3, 4, 6, 7, 8, 9, 13, 14, 15, T)
10	T	2e-05	0.46167	(2, 3, 7, 9, 14)
10	T	2e-05	0.45925	(1, 2, 3, 5, 9, 13, 15)
11	12	0.0	0.47405	(4, 5, 6, 7, 8, 9, 13, 15, T)
11	13	0.00613	0.49025	(5, 9, 14, 16, T)
11	14	0.00027	0.46675	(1, 2, 3, 5, 6, 7, 16, 17)
11	15	0.05446	0.21718	(1, 5, 10, T)
11	16	0.05401	0.22668	(3, 5, 7, 14, 15, T)
11	17	3e-05	0.48695	(1, 5, 6, 7, 8, 12, 14, 15, 16)
11	T	0.11464	0.09129	(3, 5, 6, 9, 14, 16)
12	13	0.0	0.48285	(3, 14, 16)
12	14	0.0	0.47075	(1, 2, 4, 5, 9, 10, 13, 15, 16, 17, T)
12	15	0.0	0.46955	(1, 2, 9, 10, 14, 16, T)
12	16	0.0	0.46915	(3, 5, 6, 7, 11, 15, 17)
12	17	0.02122	0.36336	(1, 2, 5, 6, 9, 10, 14, T)
12	T	0.00596	0.45261	(2, 5, 6, 9, 17)
13	14	0.07102	0.36762	(3, 9, 11, 16, 17, T)
13	15	0.0	0.44396	(2, 3, 4, 5, 6, 7, 11, 14, 16, T)
13	16	0.0	0.44396	(3, 9, 11, 12, 14)
13	17	2e-05	0.47685	(2, 9, 10, 11, 14, 15, 16)
13	T	0.00313	0.47905	(3, 11, 14)
14	15	0.0	0.44256	(1, 2, 6, 9, 10, 11, 12, 16, 17, T)
14	16	0.00332	0.29927	(3, 7, T)
14	17	0.27993	0.002	(1, 2, 5, 7, 9, 10, 15, T)
14	T	0.04633	0.26227	(2, 5, 6, 9, 14, 16, 17)
15	16	0.00295	0.12049	(3, 6, 13, 14)
15	17	0.02433	0.18487	(2, 3, 6, 11, 14, 16)
15	T	0.0	0.48366	(3, 4, 6, 7, 9, 10, 13)
16	17	3e-05	0.47655	(1, 6)
16	T	0.0	0.45965	(2, 4, 7, 8, 17)
17	T	0.07591	0.17170	(2, 5, 6, 9, 11, 14)