

Table 20: Europe

Var X	Var Y	$\mathbb{S}(X, Y)$	p-value	Conditional set
1	2	0.0	0.0795	{3, 4, 6, 8, 9, 12, 13, 14, 16}
1	3	0.0736	0.0061	{2, 10, 11, 13, 17, T}
1	4	0.0395	0.1709	{2, 3, 5, 6, 9, 10, 11, 17, T}
1	5	0.0	0.4746	{2, 8, 9, 12, 16, T}
1	6	0.0303	0.1608	{2, 3, 4, 10, 11, 13, 17}
1	7	0.0	0.4535	{4, 5, 11, 16, 17}
1	8	0.1033	0.0169	{3, 10, 11, 13, 17, T}
1	9	0.0	0.4955	{2, 3, 7, 10, 13, 16, 17}
1	10	0.0234	0.2328	{2, 3, 9, 14, 17, T}
1	11	0.0	0.6669	{4, 7, 10, 11, 13, 16, 17}
1	12	0.0	0.4615	{2, 3, 4, 8, 9, 11, 14, 16, 17, T}
1	13	0.0	0.4386	{2, 5, 12, 16, 17}
1	14	0.0	0.4626	{3, 9, 10, 11, 13, T}
1	15	0.0106	0.1502	{2, 4, 9, 8, 13, 16}
1	16	0.0126	0.1487	{3, 9, 11, 17}
1	17	0.1714	0.0001	{2, 3, 5, 7, 8, 9, 10, 12, 13, 16, T}
1	T	0.0	0.4705	{2, 3, 5, 6, 7, 8, 10, 11, 12, 14, 17}
2	3	0.1989	0.0066	{7, 10, 11, T}
2	4	0.0179	0.1708	{4, 5, 7, 9, 10, 11, T}
2	5	0.0195	0.1546	{3, 7, 9, 10, 11, T}
2	6	0.0191	0.1329	{1, 3, 7, 9, 10, 11, T}
2	7	0.2922	0.0001	{3, 9, 10, 11, 13, 14, 17, T}
2	8	0.0	0.4745	{3, 9, 10, 11, 13, 14, 17, T}
2	9	0.0095	0.0166	{3, 7, 10, 11, 17, T}
2	10	0.1508	0.0035	{3, 7, 9, 14, 17, T}
2	11	0.0914	0.1369	{1, 2, 3, 5, 7, 8, 9, 10, 12, 13, 14, 16, 17, T}
2	12	0.0	0.4625	{3, 7, 9, 10, 11, 15, 17, T}
2	13	0.0298	0.0743	{3, 9, 10, 11, 16}
2	14	0.0048	0.4046	{3, 5, 7, 9, 10, 11, 13, 17, T}
2	15	0.0049	0.1724	{1, 2, 10, 14, 17, T}
2	16	0.0	0.4721	{1, 6, 7, 8, 10, 13, 14, 15}
2	17	0.0281	0.1748	{1, 3, 7, 9, 10, 11, T}
2	T	0.1584	0.0014	{3, 7, 9, 10, 11}
3	4	0.0	0.4925	{1, 2, 9, 11, 13, T}
3	5	0.0123	0.1309	{2, 10, 11, 16, 17, T}
3	6	0.0156	0.0619	{1, 2, 10, 14, 17}
3	7	0.0271	0.0719	{1, 2, 8, 10, 11, 13, 14, 17, T}
3	8	0.0162	0.1978	{1, 2, 10, 11, 13, 17, T}
3	9	0.0	0.4938	{1, 2, 7, 9, 11, 13, 17, T}
3	10	0.0107	0.2002	{1, 2, 7, 9, 11, 14, 17, T}
3	11	0.0266	0.0901	{2, 3, 6, 7, 8, 9, 12, 13, 14, 15, 16, 17, T}
3	12	0.0182	0.1706	{2, 11, 13, 17, T}
3	13	0.0317	0.1718	{6, 7, 8, 9, 11, 14, T}
3	14	0.0087	0.1429	{2, 7, 10, 11, 13, 16, 17, T}
3	15	0.0	0.4955	{7, 11, 12}
3	16	0.0	0.4836	{1, 2, 7, 9, 10, 11, 13}
3	17	0.1285	0.0019	{1, 2, 7, 9, 10, 11}
3	T	0.0028	0.0228	{1, 2, 7, 9, 10, 11, 13}
4	5	0.0225	0.1908	{1, 2, 3, 9, 10, 11, T}
4	6	0.0343	0.027	{1, 2, 9, 10, 11, 13, T}
4	7	0.0114	0.2626	{1, 2, 9, 9, 10, 11, 13, 14, 17, T}
4	8	0.0	0.4825	{1, 9, 10, 11, 13, 14, T}
4	9	0.0007	0.005	{1, 2, 7, 9, 10, 11, 17, T}
4	10	0.0020	0.0219	{1, 2, 5, 7, 9, 11, 14, T}
4	11	0.0148	0.0819	{1, 2, 3, 5, 6, 7, 8, 9, 10, 14, 16, 17, T}
4	12	0.0	0.4825	{3, 6, 7, 9, 10, 11, 13, 15, 16}
4	13	0.0	0.4995	{3, 9, 12, 16, 17}
4	14	0.0074	0.1429	{1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 17, T}
4	15	0.0016	0.2065	{1, 2, 5, 10, 13, 16}
4	16	0.0	0.4862	{1, 2, 9, 10, 11, 13, T}
4	17	0.0047	0.1476	{1, 2, 7, 9, 10, 11, T}
4	T	0.1191	0.0014	{1, 2, 7, 9, 10, 11}
5	6	0.0162	0.0334	{13, 15}
5	7	0.0	0.4545	{3, 6, 8, 10, 11, 15, 17}
5	8	0.0	0.4725	{1, 3, 4, 9, 10, 11, 12, 17}
5	9	0.0	0.4915	{2, 3, 5, 6, 11, 13, 16, 17, T}
5	10	0.0	0.4575	{2, 4, 6, 7, 9, 11, 14, 16, 17, T}
5	11	0.0814	0.0011	{2, 3, 5, 8, 9, 10, 16, 17, T}
5	12	0.0	0.4805	{1, 2, 3, 4, 6, 8, 9, 11, 13, 14, 15, 16, 17, T}
5	13	0.0275	0.1913	{2, 10, 16}
5	14	0.0	0.4946	{4, 4, 7, 10, 11, 17}
5	15	0.0277	0.1973	{1, 2, 10, 16}
5	16	0.0	0.4746	{2, 4, 9, 12, 13, 17, T}
5	17	0.0461	0.1169	{1, 2, 3, 9, 10, 11}
5	T	0.0	0.4895	{3, 4, 9, 9, 10, 17}
6	7	0.0	0.4565	{2, 3, 4, 9, 10, 11, 13, 16, 17}
6	8	0.0	0.4626	{1, 2, 9, 10, 11, 13, 14, T}
6	9	0.0049	0.3896	{1, 2, 3, 4, 7, 10, 11, 13, 16, 17, T}
6	10	0.0047	0.1162	{1, 2, 2, 7, 9, 11, 14}
6	11	0.1551	0.0001	{1, 2, 2, 4, 7, 8, 9, 10, 12, 13, 16}
6	12	0.0	0.4625	{1, 4, 5, 7, 9, 11, 14, 16, 17, T}
6	13	0.011	0.1818	{3, 7, 11, 14, T}
6	14	0.0032	0.3896	{1, 2, 3, 4, 7, 8, 9, 10, 11, 13}
6	15	0.0016	0.4836	{7, 11, 17}
6	16	0.0	0.4585	{2, 5, 10, 13, 15, T}
6	17	0.0	0.4745	{2, 3, 4, 8, 11, 12, 13, 15, 16}
6	T	0.0	0.4515	{1, 2, 3, 4, 9, 11, 14, 15}
7	8	0.0	0.4675	{1, 2, 3, 9, 6, 9, 12, 13, 14, 16, 17, T}
7	9	0.1495	0.0011	{2, 10, 17, T}
7	10	0.0068	0.0297	{2, 3, 9, 14, 17, T}
7	11	0.0	0.4666	{2, 4, 8, 10, 14, 15, 16, 17, T}
7	12	0.0	0.4926	{2, 4, 8, 9, 10, 11, 13, 14, 15}
7	13	0.0873	0.1389	{3, 14, T}
7	14	0.0494	0.1169	{2, 9, 10, 13, 15, 17, T}
7	15	0.0144	0.2057	{3, 9, 10, 13, 15, 17, T}
7	16	0.0	0.4525	{13, 14, T}
7	17	0.0142	0.0901	{1, 2, 3, 9, 10, 14, T}
7	T	0.1021	0.0117	{2, 9, 10, 13}
8	9	0.0	0.4795	{1, 3, 11, 12, 13, 17}
8	10	0.0	0.4925	{1, 3, 7, 11, 12, 14, 15, 17, T}
8	11	0.2048	0.0001	{1, 2, 3, 5, 6, 10, 12, 13, 14, 16, 17, T}
8	12	0.0378	0.1768	{1, 2, 11, 13, 16, 17, T}
8	13	0.0295	0.1818	{3, 7, 11, 14, T}
8	14	0.0255	0.0395	{1, 2, 7, 10, 11, 13, 17, T}
8	15	0.0	0.4545	{1, 6, 5, 13, T}
8	16	0.0	0.4626	{3, 9, 10, 11}
8	17	0.2276	0.0001	{1, 7, 9, 10, 11, 12, 13, 14, T}
8	T	0.0041	0.0167	{1, 2, 2, 4, 7, 9, 10, 11, 12, 13, 14, 17}
9	10	0.1021	0.005	{2, 7, 14, 17, T}
9	11	0.0	0.4795	{2, 3, 4, 6, 7, 8, 12, 14, 15, 16, 17, T}
9	12	0.0026	0.1189	{2, 10, 11, 15, 16, 17, T}
9	13	0.0	0.4525	{1, 2, 5, 7, 10, 11, 12, 14, 15, 16}
9	14	0.0073	0.0316	{2, 7, 10, 11, 13, 16, 17, T}
9	15	0.0	0.4526	{7, 10, 11, 12, T}
9	16	0.007	0.0454	{11, 12, 17}
9	17	0.2436	0.0001	{1, 2, 7, 10, 11, 12, 16, T}
9	T	0.1942	0.0002	{2, 3, 4, 7, 10, 11, 12, 13, 15, 17}
10	11	0.0	0.4545	{2, 3, 6, 7, 8, 12, 13, 17}
10	12	0.0	0.4675	{1, 3, 6, 7, 8, 9, 14, 15, 16, 17, T}
10	13	0.0125	0.1714	{1, 2, 9, 9, 13, 16}
10	14	0.0044	0.0336	{2, 3, 4, 7, 9, 15, 17, T}
10	15	0.0	0.4505	{3, 5, 13, 17}
10	16	0.0	0.4635	{6, 7, 11, 12, 13, 15}
10	17	0.1467	0.0071	{1, 2, 9, 10, 11, 14, 17}
10	T	0.0699	0.0495	{2, 3, 4, 7, 9, 11, 14, 17}
11	12	0.0068	0.1169	{2, 3, 5, 6, 8, 9, 10, 16, 17, T}
11	13	0.0	0.4376	{3, 7, 8, 9, 10, 13, 16}
11	14	0.0	0.4576	{3, 7, 8, 12, 17}
11	15	0.0296	0.2318	{3, 7, 12, T}
11	16	0.1982	0.0072	{3, 5, 8, 9, 12, 17}
11	17	0.0268	0.0079	{2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 15, 16, 17}
11	T	0.0503	0.0729	{2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 15, 16, 17}
12	13	0.0016	0.4745	{1, 2, 5, 10, 15, 16}
12	14	0.0047	0.1405	{13, 15, 16}
12	15	0.0266	0.0849	{7, 9, 10, 17, T}
12	16	0.0016	0.4356	{9, 11, 15, 17}
12	17	0.1475	0.0006	{1, 2, 9, 10, 11, 15, 16, T}
12	T	0.0170	0.2927	{2, 3, 9, 10, 11, 13, 15, 17}
13	14	0.0235	0.2298	{3, 6, 7, 8, T}
13	15	0.0066	0.3001	{1, 3, 6, 16}
13	16	0.0087	0.3715	{1, 2, 9, 9, 15}
13	17	0.0	0.4526	{14, 15, 16, 17}
13	T	0.0421	0.1289	{3, 6, 7, 8, 9, 14}
14	15	0.0	0.4426	{14, 15, 16, 17}
14	16	0.0049	0.5614	{7, 10, 13, 15}
14	17	0.0076	0.0729	{1, 2, 3, 5, 7, 8, 9, 10, 11, 12, 15, 17}
14	T	0.0016	0.4826	{2, 3, 4, 7, 8, 9, 10, 11, 13, 15, 17}
15	16	0.0226	0.0973	{1, 2, 9, 13}
15	17	0.0	0.4915	{14, 15, 16, 17, 18, 16, T}
15	T	0.0	0.4496	{2, 3, 7, 9, 11, 12, 13}
16	17	0.0016	0.4426	{13, 11}
16	T	0.0	0.4635	{2, 3, 4, 6, 14, 15}
17	T	0.0066	0.1688	{1, 2, 7, 9, 10, 11}