

Table 18: Southern Europe

Var X	Var Y	$\mathbb{E}(X, Y)$	p-value	Conditional set
1	2	0.0	0.4025	{3, 7, 9, 10, 11}
1	3	0.0031	0.3007	{2, 7, 12, 16}
1	4	0.0	0.4929	{2, 5, 6, 9, 13, 17, T}
1	5	0.0	0.4938	{2, 7, 10, 17, T}
1	6	0.1003	0.7183	{2, 9, 10, 12, 13, 15}
1	7	0.0	0.4933	{4, 8, 10, 13, 15, 17, T}
1	8	0.1377	0.1638	{2, 9, 9, 10, 14, 15, 16, 17}
1	9	0.0	0.4793	{2, 9, 7, 8, 10, 11, 13, 14, 16, 17, T}
1	10	0.0619	0.2947	{2, 9, 5, 7, 14, 15, 16, 17, T}
1	11	0.0	0.4884	{4, 9, 7, 9, 16, T}
1	12	0.0	0.4857	{4, 9, 7, 9, 11, 15, 16, 17}
1	13	0.0913	0.6923	{2, 8, 9, 10, 12, 15, 16, T}
1	14	0.0	0.4973	{2, 2, 4, 8, 11, 12, 16, 17, T}
1	15	0.1074	0.2178	{9, 12}
1	16	0.0745	0.3967	{2, 8, 8, 9, 12, 17, T}
1	17	0.0641	0.2997	{2, 3, 5, 8, 9, 10, 12, 13, 15, 16}
1	T	0.0	0.4629	{2, 4, 9, 8, 12, 17}
2	3	0.2867	0.1869	{7, 13}
2	4	0.0	0.4874	{1, 3, 5, 9, 10, 15, 14, T}
2	5	0.0	0.4617	{1, 3, 4, 7, 9, 10, 11, 12, 13, 16, T}
2	6	0.0	0.4288	{1, 7, 8, 9, 10, 13, 16, 17, T}
2	7	0.0029	0.3102	{1, 5, 10, 11, 14, T}
2	8	0.0	0.4376	{4, 9, 7, 11, 13, 15}
2	9	0.0	0.4874	{3, 5, 11, 14}
2	10	0.0	0.4196	{1, 3, 5, 7, 11, 13, 14}
2	11	0.0887	0.1578	{2, 9, 7, 10, 13, 14, 16, T}
2	12	0.0	0.4645	{1, 4, 7, 9, 13, 15}
2	13	0.0	0.4218	{1, 5, 6, 7, 10, 12, T}
2	14	0.0496	0.2847	{1, 3, 4, 7, 11, 12, 13, 16}
2	15	0.0	0.4076	{3, 4, 5, 7, 8, 10, 11, 12, 13, 14, 16}
2	16	0.0	0.4285	{1, 5, 8, 9, 15, T}
2	17	0.0	0.4458	{4, 9, 7, 9, 10, 12, 13, 15, 16, T}
2	T	0.0	0.4636	{1, 2, 5, 7, 10, 11, 13, 14, 16}
3	4	0.0	0.4893	{1, 2, 9, 7, 10, 11, 14, 15}
3	5	0.06	0.3387	{7, 10, 13}
3	6	0.0	0.4638	{2, 4, 5, 7, 11, 16}
3	7	0.3017	0.111	{2, 5, T}
3	8	0.0	0.4379	{4, 9, 9, 10, 11, 15, T}
3	9	0.0	0.4910	{2, 4, 5, 7, 10, 12, 15, 16}
3	10	0.0	0.4820	{2, 3, 7, 13, 15}
3	11	0.0	0.4945	{1, 7, 10, 13}
3	12	0.0521	0.1847	{1, 2, 7, 11, 14, 15}
3	13	0.0777	0.2448	{2, 9, 6, 7}
3	14	0.0	0.4145	{1, 2, 9, 6, 7, 11, 13, 17, T}
3	15	0.0	0.4096	{4, 9, 7, 8, 11, 12, 13, T}
3	16	0.0	0.4025	{4, 5, 13, 15, T}
3	17	0.0	0.4615	{1, 3, 7, 9, 10, 11, 14, 15, 16, T}
3	T	0.1007	0.1628	{7, 13}
4	5	0.0	0.4785	{6, 7, 8, 9, 12, 13, T}
4	6	0.0	0.4385	{2, 7, 9, 14}
4	7	0.3092	0.1264	{4, 9, 10, 11, 14, T}
4	8	0.0	0.4948	{1, 2, 9, 5, 7, 9, 11, 16, 17, T}
4	9	0.0543	0.2225	{7, 10, 14, 16, T}
4	10	0.1204	0.1893	{2, 7, 14, T}
4	11	0.0	0.4878	{7, 10, 14, 16, T}
4	12	0.0	0.4830	{7, 14}
4	13	0.0	0.4495	{2, 5, 9, 11, 15}
4	14	0.0116	0.0999	{2, 7, 9, 10, 11, 12}
4	15	0.0	0.4743	{1, 6, 7, 8, 12, 16, T}
4	16	0.0	0.4745	{1, 9, 7, 9, 13, 15, T}
4	17	0.0	0.4979	{1, 8, 9, 11, 14, 15, T}
4	T	0.0281	0.1944	{7, 10}
5	6	0.0224	0.1664	{1, 7, 10, 13, 15}
5	7	0.2847	0.1395	{10, T}
5	8	0.0	0.4910	{4, 6, 7, 17}
5	9	0.0	0.4917	{2, 4, 6, 7, 9, 10, 11, 12, 13, 16, 17}
5	10	0.1361	0.1899	{7, 13}
5	11	0.0	0.4883	{1, 7, 10, T}
5	12	0.0539	0.2034	{15, 16}
5	13	0.0	0.4535	{1, 4, 6, 7, 9, 11, 12, 15, 16, T}
5	14	0.0	0.4628	{12, 13, T}
5	15	0.0815	0.0943	{7, 10, 16, T}
5	16	0.0	0.4611	{2, 7, 10, 15}
5	17	0.0	0.4807	{1, 3, 7, 9, 10, 11, 13, 16}
5	T	0.0	0.4923	{7, 10, 13}
6	7	0.0	0.4428	{9, 10, 12, 13, T}
6	8	0.0	0.4888	{1, 2, 5, 7, 9, 10, 11, 14, 17, T}
6	9	0.0	0.4745	{1, 7, 11, 12, 14, 16, T}
6	10	0.0	0.4306	{2, 7, 12, 13}
6	11	0.0616	0.1927	{2, 14, 16, T}
6	12	0.0573	0.1994	{11, 13, 15}
6	13	0.0094	0.2036	{1}
6	14	0.1431	0.1548	{2, 11, 16}
6	15	0.1253	0.0312	{11, 12, 13}
6	16	0.1026	0.2148	{9, 13, 15}
6	17	0.0	0.4443	{2, 5, 9, 10, 12, 13, 14, 15, T}
6	T	0.0	0.4366	{4, 8, 9, 11, 12, 16, 17}
7	8	0.0	0.4075	{1, 3, 5, 6, 10, 17}
7	9	0.2421	0.0793	{1, 2, 4, 5, 10, 11, 16, 17, T}
7	10	0.1958	0.0990	{1, 2, 3, 4, 9, 9, T}
7	11	0.0488	0.1646	{2, 2, 4, 5, 9, 10, 14, 16, T}
7	12	0.0	0.4790	{1, 2, 4, 6, 10, 11, T}
7	13	0.0	0.4636	{2, 2, 4, 5, 10, 12, 14, 17, T}
7	14	0.0	0.4782	{2, 4, 10, 11, 12, 15, T}
7	15	0.0202	0.1744	{2, 5, 9, 10, 11, 14, 16, T}
7	16	0.0	0.4615	{10, 13, 14, 15}
7	17	0.0	0.4886	{1, 2, 3, 4, 6, 8, 9, 11, 12, 13, 16, T}
7	T	0.3602	0.092	{3, 5, 9, 10}
8	9	0.12079	0.2138	{1, 7, 10, 11, 14, 16, 17, T}
8	10	0.0	0.4825	{1, 4, 5, 6, 7, 10, 17, T}
8	11	0.0886	0.2487	{2, 4, 5, 7, 9, 10, 12, 13, 14, 16, 17, T}
8	12	0.0	0.4871	{2, 5, 6, 7, 9, 11, 14, 16, 17, T}
8	13	0.00707	0.4896	{1, 9, 11}
8	14	0.07141	0.1407	{1, 2, 4, 6, 10, 11, 12, 16, 17}
8	15	0.0	0.4643	{2, 3, 9, 10, 11, 14, 16}
8	16	0.1069	0.1778	{1, 9, 9, 11, 12, 17}
8	17	0.4507	0.0015	{1, 5, 9, 10, 11, 13, 14, 16}
8	T	0.0	0.4905	{1, 3, 6, 7, 11, 12, 13, 14, 15}
9	10	0.0	0.4798	{2, 4, 5, 6, 11, 14, 16, 17}
9	11	0.0	0.4825	{2, 3, 4, 5, 6, 7, 8, 10, 12, 13, 16}
9	12	0.0	0.4823	{2, 3, 4, 5, 6, 7, 8, 10, 12, 13, 16}
9	13	0.09849	0.2721	{1, 8, 10, 11, 15, 16, T}
9	14	0.0	0.4677	{2, 9, 6, 8, 11, 12, 13}
9	15	0.0047	0.4466	{1, 12, T}
9	16	0.0404	0.2708	{1, 6, 8, 11, 17, T}
9	17	0.2092	0.0399	{2, 3, 7, 8, 10, 13, 16, T}
9	T	0.1258	0.1983	{7}
10	11	0.0	0.4715	{2, 7, 13, 16, T}
10	12	0.0	0.4773	{1, 5, 6, 7, 13, 16, T}
10	13	0.0	0.4676	{1, 2, 3, 5, 7, 8, 10, 16, 17}
10	14	0.0	0.4740	{1, 4, 5, 6, 9, 13}
10	15	0.0	0.4545	{2, 3, 4, 5, 6, 7, 11, 13, 14, 16}
10	16	0.0	0.4345	{2, 3, 13, 15, T}
10	17	0.011	0.4408	{1, 2, 3, 4, 5, 6, 7, 8, 9, 13, T}
10	T	0.0	0.4843	{7, 13}
11	12	0.0	0.4373	{2, 8, 8, 13, 14, 15}
11	13	0.0	0.4438	{8, 14, 16}
11	14	0.0	0.4788	{1, 2, 4, 5, 6, 8, 9, 10, 13, 16, T}
11	15	0.0117	0.0923	{2, 5, 6, 7, 10, 13, 16, T}
11	16	0.04764	0.1407	{2, 6, 8, 9, 12, 13, T}
11	17	0.0	0.4807	{4, 5, 6, 8, 10, 12, 13, 14, 15, 16, T}
11	T	0.06707	0.0877	{2, 7, 10, 16}
12	13	0.0	0.4445	{2, 3, 7, 9, 10, 15, T}
12	14	0.13	0.1668	{7, 11, 15, 16}
12	15	0.1175	0.028	{10, 6, 7, 13, 16, T}
12	16	0.0	0.4800	{1, 3, 4, 6, 10, 17, T}
12	17	0.0	0.4603	{1, 9, 11, 13, 14, 15, 16}
12	T	0.04183	0.0914	{7, 7, 13}
13	14	0.0	0.4196	{1, 7, 9, 10, 15, 16, 17, T}
13	15	0.0	0.4196	{1, 5, 6, 9, 10, 11, 16, T}
13	16	0.0304	0.0523	{1, 9, 11}
13	17	0.0	0.4846	{7, 10, 14, 12, 14, 15}
13	T	0.0	0.4307	{1, 3, 5, 12, 17}
14	15	0.0	0.4535	{2, 4, 6, 7, 10, 12, 13, T}
14	16	0.0	0.4517	{1, 7, 10, 11, 15, 17}
14	17	0.0	0.4690	{1, 7, 9, 10, 11, 12, T}
14	T	0.0	0.4525	{1, 8, 10, 12, 13, 17}
15	16	0.0406	0.0934	{1, 5, 6, 11, 13, T}
15	17	0.0	0.4575	{1, 9, 10, 12, 14}
15	T	0.0	0.4644	{1, 5, 6, 7, 10, 11, 16}
16	17	0.0	0.4825	{1, 2, 5, 8, 12, 13, T}
16	T	0.0	0.4525	{1, 2, 6, 7, 8, 9, 11, 13}
17	T	0.0	0.4043	{4, 5, 6, 7, 8, 9, 11, 12, 15}