Table 19: Northern Europe

Var X	Var Y	$\hat{\mathcal{K}}^*_n(X,Y)$	p-value	Conditional set
1	2	0.0	0.48255	('15', 'T')
1	3	0.0	0.48515	('2', '4', '6', '7', '9', '10', '11', '13', '14', '16', '17', 'T')
1	4	0.0	0.48595	('3', '5', '12', '14', '15', '17')
1	5	0.0	0.46195	('2', '10')
1	6	0.0	0.46375	('2', '10', '12', '15', 'T')
1	7	0.0	0.45135	('12', '13', '14', '17', 'T')
1	8	0.0	0.45655	('2', '5', '13', '14')
1	9	0.0	0.48035	('3', '4', '7', '8', '11', '12', '13', '17', 'T')
1	10	0.0	0.45005	('2', '7', '8', '9', '11', '13', '15', 'T')
1	11	0.0	0.47145	('2', '3', '4', '5', '7', '8', '12', '13', '15', '16')
1	12	0.17994	0.14909	('9', '10', '13', '15', 'T')
1	13	0.36574	0.0437	('15', 'T')
1	14	0.0	0.47415	('2', '4', '6', '7', '10', '12', '13', '16')
1	15	0.10877	0.25087	('13',)
1	16	0.0	0.45685	('3', '4', '6', '7', '8', '9', '12', '15', '17', 'T')
1	17	0.04785	0.34997	('7', '11', '12', '15', 'T')
1	T	0.0	0.47525	('7', '12', '15')
2	3	0.17863	0.15698	('5', '10', '11', '13')
2	4	0.0	0.50035	('3', '5', '6', '7', '9', '10', '11', '13')
2	5	0.02828	0.41486	('3', '7', '10', '14', '16')
2	6	0.0	0.47475	('7', '9', '10', '11', '13', '14')
2	7	0.01304	0.43406	('10', 'T')
2	8	0.0	0.48345	('4', '6', '7', '10', '13', '15')
2	9	0.0	0.48275	('3', '10', '11', '12', '13', '14', 'T')
2	10	0.32587	0.0357	('3', '7', '9', '11', '14')
2	11	0.05431	0.36856	('3', '9', '10', '14')
2	12	0.0	0.48895	('3', '10', '11', '13', '15')
2	13	0.04483	0.59204	('1', '15', '16')
2	14	0.0788	0.31877	('10', '11', '13')
2	15	0.08319	0.67313	('13',)
2	16	0.0	0.48555	('1', '5', '8')
2	17	0.0	0.48585	('3', '5', '6', '7', '8', '9', '11', '14')
2	T	0.0	0.46965	('8', '14', '16')
3	4	0.0	0.48565	('5', '6', '7', '9', '11', '12', '13', '15', '16')
3	5	0.09192	0.29207	('2', '4', '7', '11', '14', '16')
3	6	0.13357	0.21678	('1', '2', '4', '5', '10', '11', '12', '13', '14', '16', 'T')
3	7	0.0	0.47775	('2', '4', '5', '9', '10', '13', '14')
3	8	0.0	0.48285	('2', '5', '6', '10', '12', '15', '16', '17')
3	9	0.00548	0.48075	('2', '11', '12', '16')
3	10	0.0	0.48605	('2', '11', '12', '14', '15', '16')
3	11	0.21265	0.11099	('2', '5', '6', '9', '10', '12', '13', '14', '16', '17')
3	12	0.04336	0.39656	('1', '2', '9', '11')
3	13	0.0	0.47005	('2', '5', '7', '12', '14', '17')
3	14	0.0	0.48925	('1', '2', '9', '10', '11', '16')
3	15	0.0	0.44286	('7', '9', '10', '13', '16')
3	16	0.07036	0.33747	('5', '9', '13', '14')
3	17	0.0	0.49085	('1', '2', '10', '11', '12', '16')
3	T	0.0	0.48195	('2', '9', '13', '14', '15', '17')
4	5	0.08216	0.30777	('2', '3', '7', '9', '15', '16')
4	6	0.30842	0.0366	('1', '2', '3', '5', '9', '12', '13', '15', '17', 'T')
4	7	0.0	0.49285	('1', '2', '6', '11', '15')
4	8	0.0	0.50485	('1', '5', '6', '7', '10', '13', '15', 'T')
4	9	0.17196	0.15948	('2', '3', '5', '6', '10', '11', '12')
4	10	0.0	0.49925	('1', '2', '5', '6', '8', '11', '12', '14', 'T')
4	11	0.0	0.49785	('1', '2', '3', '5', '6', '7', '9', '10', '12', '13', '14', '15')
4	12	0.00316	0.49695	('1', '2', '5', '6', '9', '10', '11')
4	13	0.0	0.48725	('1', '5', '6', '7', '11', '12', '14', '16')
4	14	0.03347	0.56234	('7', '12', '15')
4	15	0.0	0.47785	('1', '6', '10', '12', '16', 'T')
4	16	0.0	0.49945	('2', '6', '7', '10', '12', '14', '15', '17', 'T')
4	17	0.19753	0.12249	('1', '5', '6', '7', '9', '10', '11')
4	T	0.0	0.49135	('1', '5', '6', '12', '13', '14', '15')
5	6	0.0	0.47755	('1', '2', '4', '9', '10', '15', 'T')
5	7	0.07308	0.29847	('2', '16', '17', 'T')
5	8	0.0	0.46185	('1', '10', '13', '15')
5	9	0.0	0.49155	('1', '3', '12', '13', '16')
5	10	0.01817	0.50055	('13', '16')
5	11	0.0	0.49995	('2', '3', '6', '7', '9', '10', '14', '17')
5	12	0.0	0.47035	('1', '2', '3', '6', '8', '14', '15', '17')
5	13	0.06693	0.62844	('15',)
5	14	0.0	0.48245	('2', '3', '7', '10', '11', '12', '13', '15', 'T')
5	15	0.00775	0.49135	('13',)
5	16	0.12207	0.23358	('3', '7', '14')
5	17	0.0	0.43956	('2', '3', '11', '15', 'T')
5	T	0.0	0.44626	('1', '6', '9', '10', '14', '16')
6	7	0.05958	0.62004	('12', '13', '15', '16')
6	8	0.0	0.47285	('10', '11', '12', '13', '15', '16')
6	9	0.0	0.48685	('3', '4', '7', '8', '10', '11')
6	10	0.0	0.43456	('1', '4', '17', 'T')
6	11	0.0	0.46505	('3', '4', '8', '12', '13', '14', '15', '16', '17')
6	12	0.03162	0.41286	('1', '3', '9', '11', '15', 'T')
6	13	0.0	0.46725	('2', '10', '15', 'T')
6	14	0.0	0.48535	('1', '11', '12', '15', '17')
6	15	0.24354	0.09409	('1', '11', '13', '16', 'T')
6	16	0.0	0.47195	('2', '4', '5', '13', '14', '17', 'T')
6	17	0.0	0.47855	('1', '4', '5', '7', '8', '9', '10', '11', '12', '13', '14', '15', '16', 'T')
6	T	0.0	0.46795	('1', '2', '3', '4', '5', '8', '11', '12', '16')
7	8	0.0	0.46575	('5', '9', '11', '14', '16', '17')
7	9	0.04722	0.59044	('12', '14', '15', '16')
7	10	0.0	0.46865	('2', '12', '14', '16', '17', 'T')
7	11	0.0	0.46705	('3', '5', '6', '8', '9', '10', '13', '15', '16')
7	12	0.0	0.47665	('1', '2', '6', '9')
7	13	0.0	0.47105	('1', '6', '15', '16')
7	14	0.0	0.48765	('2', '9', '13', '15', '16')
7	15	0.15385	0.28852	('1', '6', '9', '13', '16')
7	16	0.04438	0.56364	('T',)
7	17	0.11104	0.22838	('10', 'T')
7	T	0.21859	0.11079	('1', '5', '10', '17')
8	9	0.0	0.48435	('10', '11', '12', '15')
8	10	0.0	0.48565	('1', '2', '3', '7', '11', '13', '16', '17')
8	11	0.38151	0.0081	('9', '10', '13', '14', '15', '16', '17', 'T')
8	12	0.0	0.48305	('1', '2', '9', '10', '14', '15', '16', '17')
8	13	0.0	0.44336	('6', '9', '12', '14', '15')
8	14	0.10315	0.26837	('11', '13')
8	15	0.0	0.46385	('1', '6', '10', '11', '13', '14', '16', 'T')
8	16	0.06731	0.33497	('3', '5', '9', '13', '14', '15')
8	17	0.0	0.48065	('7', '9', '10', '11', '14', '15', 'T')
8	T	0.02324	0.43146	('7', '11', '13', '15')
9	10	0.07668	0.31497	('2', '11', '12', '16')
9	11	0.31807	0.0337	('2', '3', '4', '5', '8', '10', '12', '16')
9	12	0.28277	0.05209	('1', '2', '11')
9	13	0.0	0.45375	('5', '10', '14')
9	14	0.0	0.48715	('3', '5', '7', '8', '11', '12', '15', '16', '17', 'T')
9	15	0.0	0.45995	('1', '2', '5', '7', '8', '10', '11', '13', '14')
9	16	0.0	0.49415	('3', '5', '10', '15')
9	17	0.0	0.48485	('2', '3', '4', '7', '11', '14', '15', '16', 'T')
9	T	0.0	0.47355	('1', '2', '3', '4', '5', '8', '10', '12', '13', '15', '17')
10	11	0.37483	0.0093	('2', '9', '12', '14', '16', '17')
10	12	0.0	0.47835	('1', '2', '9', '11', '14', 'T')
10	13	0.08258	0.66823	('2',)
10	14	0.0	0.50035	('2', '11', '16', 'T')
10	15	0.0	0.45565	('2', '5', '7', '12', '14', '16')
10	16	0.0	0.47995	('1', '3', '4', '11', '12', '13', '14', '15', '17', 'T')
10	17	0.00316	0.47885	('7', '9', '11')
10	T	0.0	0.46965	('3', '4', '5', '7', '8', '11', '14', '16', '17')
11	12	0.09407	0.28577	('1', '2', '3', '9', '10', 'T')
11	13	0.0	0.47995	('1', '2', '5', '7', '17')
11	14	0.0455	0.38306	('2', '3', '5', '8', '9', '10', '13')
11	15	0.0	0.49565	('1', '3', '5', '6', '7', '12', '17')
11	16	0.0	0.48855	('1', '2', '3', '5', '7', '8', '10', '14', '17', 'T')
11	17	0.4351	0.0056	('1', '2', '3', '4', '5', '7', '8', '9', '10', '12')
11	T	0.0	0.48105	('1', '2', '3', '4', '8', '9', '13', '14', '16')
12	13	0.0	0.46205	('2', '6', '7', '8', '10', '15', '16')
12	14	0.03347	0.57314	('1', '4', '7', '15')
12	15	0.0	0.48335	('1', '3', '5', '7', '10', '11', '13', '14', '16', '17', 'T')
12	16	0.20469	0.88081	('1', '2', '7', '10', '17', 'T')
12	17	0.0	0.49755	('1', '2', '4', '7', '9', '10', '11', 'T')
12	T	0.0	0.47425	('7', '9', '10', '15')
13	14	0.0	0.47155	('2', '3', '5', '7', '9', '15')
13	15	0.62092	0.0092	('1', 'T')
13	16	0.0	0.45775	('1', '2', '3', '5', '8', '14', '15', 'T')
13	17	0.0	0.42476	('2', '3', '5', '9', '11')
13	T	0.03464	0.41296	('1', '7', '15')
14	15	0.03017	0.53695	('2',)
14	16	0.0114	0.45925	('2', '3', '5', '8', '13')
14	17	0.0	0.48035	('2', '4', '5', '7', '8', '10', '12', '15', 'T')
14	T	0.0	0.47535	('2', '3', '5', '6', '7', '8', '10', '13', '15', '16')
15	16	0.0	0.44956	('2', '4', '5', '6', '7', '11', '14', 'T')
15	17	0.0	0.44896	('1', '5', '6', '8', '13', '14', '16')
15	T	0.12822	0.20948	('13',)
16	17	0.0114	0.48935	('10', '12', 'T')
16	T	0.07701	0.65943	('7', '12', '15')
17	T	0.0	0.47555	('1', '2', '3', '4', '7', '8', '10', '13', '15')