Table 5: Africa

Var X	Var Y	$\hat{\mathcal{R}}^n(X,Y)$	p-value	Conditional set
1	2	0.0	0.9035	('10', '13', '16')
1	3	0.01225	0.63904	('8',)
1	4	0.08741	0.0043	('3', '5', '7', '8', '9', '10', '11', '12', '13', '16', '17', 'T')
1	5	0.03391	0.13149	('2', '4', '8', '9', '10', '11', '13', '14', '15', '16')
1	6	0.00894	0.35336	('3', '7', '8', '11', '16', '17', 'T')
1	7	0.02811	0.18128	('4', '9', '10', '11', '12', '13', '14', '16', 'T')
1	8	0.12112	0.0002	('4', '5', '10', '11', '12', '13', '14', '16', '17', 'T')
1	9	0.0	0.47465	('4', '5', '10', '12', '17')
1	10	0.05753	0.0375	('4', '5', '7', '11', '12', '13', '14', '16', '17', 'T')
1	11	0.06527	0.0225	('4', '5', '8', '10', '12', '15', '16', 'T')
1	12	0.00447	0.41756	('3', '4', '5', '7', '8', '9', '10', '11', '13', '16', '17', 'T')
1	13	0.01643	0.26477	('5', '7', '10', '12', '16', 'T')
1	14	0.01049	0.34447	('4', '5', '7', '8', '10', '13', '15', '16', '17')
1	15	0.0	0.45965	('4', '5', '7', '9', '11', '13', '14', 'T')
1	16	0.12562	0.0002	('4', '5', '10', '11', '15', '17', 'T')
1	17	0.03521	0.12069	('2', '4', '7', '8', '9', '10', '11', '12', '13', '14', '16', 'T')
1	T	0.02025	0.22908	('11', '16')
2	3	0.0	0.48105	('4', '5', '7', '10', '11', '12', '13', '16', '17', 'T')
2	4	0.03619	0.11179	('3', '7', '8', '9', '10', '11', '12', '15', '17', 'T')
2	5	0.01483	0.29997	('1', '9', '11', '14', '15', '16')
2	6	0.0	0.46825	('3', '4', '5', '7', '11', 'T')
2	7	0.0	0.47425	('5', '8', '10', '11', '12', '13', '15', 'T')
2	8	0.03314	0.13909	('1', '4', '5', '9', '11', '12', '14', '17', 'T')
2	9	0.04796	0.05749	('4', '5', '7', '11', '12', '15', '17', 'T')
2	10	0.0	0.48045	('1', '6', '7', '8', '11', '12', '15', 'T')
2	11	0.01703	0.26527	('4', '5', '9', '10', '12', '15', '17', 'T')
2	12	0.01789	0.26907	('4', '9', '11', '17', 'T')
2	13	0.01581	0.26947	('1', '5', '7', '9', '10', '12', '14', '15', '16', 'T')
2	14	0.01304	0.30837	('5', '9', '10', '15', '17', 'T')
2	15	0.0305	0.14449	('3', '4', '5', '9', '11', '14', '16', '17', 'T')
2	16	0.0	0.48165	('1', '8', '12', '13', '14', '15', '17')
2	17	0.0719	0.011	('3', '4', '7', '8', '9', '10', '11', '12', '14', '15', '16', 'T')
2	T	0.01517	0.29427	('3', '4', '9', '11', '12', '15', '16', '17')
3	4	0.08832	0.0035	('1', '2', '7', '9', '10', '11', '12', '13', '15', '16', 'T')
3	5	0.01304	0.29937	('1', '2', '4', '9', '10', '11', '13', '15', '16')
3	6	0.06892	0.0187	('1', '7', '9', '11', '17', 'T')
3	7	0.02898	0.15688	('4', '9', '10', '12', '13', '16', 'T')
3	8	0.0	0.50085	('10', '15', 'T')
3	9	0.0563	0.0403	('2', '4', '7', '10', '12', '15', '16', 'T')
3	10	0.07772	0.0135	('4', '7', '9', '11', '12', '14', '16', '17', 'T')
3	11	0.00316	0.42806	('4', '10', '12', '15', '16', 'T')
3	12	0.06964	0.0172	('4', '7', '9', '10', '11', '15', '16', '17', 'T')
3	13	0.00316	0.40676	('1', '5', '7', '10', '12', '15', '16', 'T')
3	14	0.00316	0.52045	('T',)
3	15	0.0469	0.06999	('2', '4', '5', '9', '10', '11', '13', '16', 'T')
3	16	0.03178	0.14379	('1', '2', '4', '5', '10', '12', '15', 'T')
3	17	0.03592	0.11439	('2', '4', '7', '9', '10', '12', '14', '16', 'T')
3	T	0.08509	0.0047	('4', '7', '9', '10', '11', '12', '15', '16')
4	5	0.00632	0.39596	('1', '2', '3', '7', '8', '9', '11', '13', '14', '15', '16')
4	6	0.0	0.47725	('2', '5', '7', '8', '9', '10', '12', '14', 'T')
4	7	0.0634	0.0213	('1', '2', '3', '9', '10', '11', '12', '13', 'T')
4	8	0.10747	0.001	('1', '2', '3', '5', '7', '11', '12', '13', '17', 'T')
4	9	0.05908	0.0328	('1', '2', '3', '5', '7', '11', '12', '15', '17', 'T')
4	10	0.02121	0.22938	('1', '2', '3', '7', '11', '12', '14', '17', 'T')
4	11	0.05762	0.0347	('1', '2', '3', '5', '7', '8', '9', '10', '12', '15', 'T')
4	12	0.04074	0.08559	('1', '2', '3', '7', '8', '9', '10', '11', '17', 'T')
4	13	0.0	0.46665	('5', '6', '8', '9', '11', '17')
4	14	0.0	0.47365	('2', '9', '12', '13', '16', '17', 'T')
4	15	0.01449	0.28557	('1', '2', '3', '5', '7', '9', '11', '13', '16', 'T')
4	16	0.00707	0.41266	('1',)
4	17	0.05292	0.0434	('1', '2', '3', '7', '8', '9', '10', '11', '12', '14', 'T')
4	T	0.02366	0.20388	('1', '2', '3', '7', '9', '10', '11', '12', '16')
5	6	0.00775	0.57764	('1', '10', '13', '15', '16')
5	7	0.0	0.48375	('6', '11', '12', '16', '17', 'T')
5	8	0.03564	0.12019	('1', '2', '4', '9', '11', '13', '14', '15', '16')
5	9	0.05263	0.05189	('1', '2', '7', '15')
5	10	0.00316	0.50715	('7', '12', '17', 'T')
5	11	0.01183	0.30797	('1', '2', '3', '4', '8', '9', '10', '12', '13', '15', '16', 'T')
5	12	0.00837	0.58564	('7', '10', '17', 'T')
5	13	0.02864	0.15418	('1', '2', '7', '9', '10', '14', '15', '16')
5	14	0.02049	0.22538	('1', '2', '7', '10', '13', '15', '16')
5	15	0.0497	0.06279	('1', '2', '9', '11', '13', '16')
5	16	0.03507	0.12029	('1', '13')
5	17	0.02236	0.76672	('10', '12', 'T')
5	T	0.03313	0.86521	('7', '10', '11', '12', '17')
6	7	0.01643	0.27637	('1', '3', '9', '11', '13', 'T')
6	8	0.0	0.46945	('2', '3', '5', '7', '12', '13', '16', '17', 'T')
6	9	0.0	0.45645	('1', '3', '4', '13', '15', '16', '17')
6	10	0.0228	0.76942	('5', '12', '13', '14', '16')
6	11	0.0295	0.15098	('T',)
6	12	0.0114	0.62114	('2', '4', '5', '10', '13', '15', '16', 'T')
6	13	0.00648	0.52205	('11', 'T')
6	14	0.0	0.45365	('1', '2', '3', '4', '8', '9', '10', '12', '13', '16')
6	15	0.00632	0.52945	('2', '5', '10', '13', '16', 'T')
6	16	0.00316	0.51945	('1', '5', '10', '13', '15')
6	17	0.01612	0.27817	('1', '2', '3', '7', '11', '12', '14', 'T')
6	T	0.00447	0.40436	('1', '3', '7', '11')
7	8	0.0	0.47195	('1', '2', '3', '6', '9', '14', '16', '17', 'T')
7	9	0.12919	0.0004	('1', '2', '3', '4', '10', '12', '13', '15', '17', 'T')
7	10	0.0638	0.0229	('1', '3', '4', '9', '11', '12', '13', '14', '17', 'T')
7	11	0.0	0.47915	('1', '14', '15', '16')
7	12	0.04099	0.09549	('1', '3', '4', '9', '10', '11', '13', '17', 'T')
7	13	0.05099	0.06199	('1', '5', '9', '10', '12', '16', 'T')
7	14	0.02098	0.22788	('9', '10', '13', '17', 'T')
7	15	0.0	0.45435	('1', '5', '6', '8', '9', '10', '14')
7	16	0.0	0.48605	('1', '3', '4', '6', '11', '13', '14')
7	17	0.04879	0.05779	('1', '2', '4', '9', '10', '12', '13', '14', 'T')
7	T	0.01871	0.25287	('1', '3', '9', '10', '11', '12', '13')
8	9	0.0	0.47055	('12', '13', '14', '15', '16', '17', 'T')
8	10	0.01183	0.63154	('1', '2', '5', '6', '15')
8	11	0.03033	0.14699	('1', 'T')
8	12	0.02846	0.15938	('1', '2', '4', '5', '7', '11', '13', '17', 'T')
8	13	0.01049	0.59814	('1', '11')
8	14	0.01483	0.27737	('1', '2', '4', '5', '7', '10', '13', '17')
8	15	0.00581	0.66813	('1', '10', '12')
8	16	0.0	0.48415	('1', '3', '4', '5', '7', '11', '12', '13', '15', '17', 'T')
8	17	0.13864	0.0001	('1', '2', '4', '10', '11', '12', '13', '14', '16')
8	T	0.0	0.46235	('1', '2', '3', '4', '5', '6', '13')
9	10	0.0	0.45665	('1', '2', '3', '4', '7', '14', '16', '17', 'T')
9	11	0.0	0.46375	('4', '5', '7', '10', '12', '15', '16')
9	12	0.0638	0.0247	('1', '2', '3', '4', '7', '10', '11', '15', '17', 'T')
9	13	0.00447	0.38236	('1', '2', '5', '7', '10', '12', '15', 'T')
9	14	0.0	0.46155	('3', '11', 'T')
9	15	0.09306	0.0093	('1', '2', '3', '4', '5', '7', '11', '13', '16', 'T')
9	16	0.0	0.50605	('7', '13', '14')
9	17	0.08118	0.0086	('1', '2', '3', '4', '7', '10', '12', '13', '14', '15', '16', 'T')
9	T	0.07829	0.0124	('1', '2', '3', '4', '7', '11', '12', '15', '16', '17')
10	11	0.06678	0.023	('1', '3', '4', '5', '7', '12', '15', '17', 'T')
10	12	0.03912	0.09559	('1', '3', '7', '11', '14', '17', 'T')
10	13	0.0272	0.15278	('1', '2', '3', '5', '7', '12', '14', 'T')
10	14	0.04037	0.09479	('1', '7', '11', '17')
10	15	0.02608	0.81822	('12',)
10	16	0.03362	0.13099	('1',)
10	17	0.09429	0.0035	('1', '2', '3', '4', '7', '11', '12', '13', '14', '16', 'T')
10	T	0.01414	0.29137	('1', '3', '7', '9', '11', '12', '14', '16', '17')
11	12	0.06812	0.0206	('T',)
11	13	0.04848	0.9824	('4', '6', '8', '17', 'T')
11	14	0.01612	0.69213	('T',)
11	15	0.03688	0.10669	('T',)
11	16	0.00316	0.44876	('T',)
11	17	0.00707	0.37816	('1', '2', '3', '4', '8', '9', '10', '12', '15', '16', 'T')
11	T	0.2429	0.0001	('1', '2', '3', '4', '9', '10', '12', '15', '16')
12	13	0.02674	0.21798	('1', '2', '3', '7', '9', '10', '14', 'T')
12	14	0.0	0.45455	('2', '7', '10', '13', '16')
12	15	0.01	0.59544	('10',)
12	16	0.0	0.49115	('2', '3', '5', '7', '9', '11', '14', '15', '17', 'T')
12	17	0.13274	0.0001	('2', '3', '4', '7', '8', '9', '10', '11', '14', '16', 'T')
12	T	0.04899	0.05929	('1', '2', '3', '7', '9', '10', '11', '16', '17')
13	14	0.0	0.43586	('2', '3', '4', '5', '6', '9', '10', '15')
13	15	0.00837	0.29617	('1', '2', '5', '7', '9', '16', 'T')
13	16	0.01265	0.31367	('1', '5', '7', '10', 'T')
13	17	0.0	0.45915	('1', '3', '6', '7', '8', '9', '11', '15', '16', 'T')
13	T	0.0	0.46385	('11', '14')
14	15	0.00707	0.34237	('1', '2', '3', '5', '7', '9', '10', '11', '13', '16', '17', 'T')
14	16	0.00548	0.53854	('T',)
14	17	0.07635	0.0118	('1', '2', '7', '10', '12', '13')
14	T	0.01095	0.61764	('11', '16')
15	16	0.02049	0.23398	('1', '5', '11', '13', 'T')
15	17	0.0	0.46475	('3', '5', '7', '10', '12', '13', '14', '16')
15	T	0.02098	0.20768	('1', '2', '3', '9', '11', '13', '16')
16	17	0.03564	0.11789	('1', '2', '3', '4', '5', '7', '10', '11', '12', '15', 'T')
16	T	0.04483	0.07169	('1', '11', '13')
17	T	0.0445	0.07249	('1', '2', '3', '7', '9', '10', '11', '12', '14', '16')