# Table 3: Middle Africa

| Var X | Var Y | $R_n^*(X,Y)$ | p-value | Conditional set |
|---|---|---|---|---|
| 1 | 2 | 0.33401 | 0.0463 | ('3', '4', '5', '7', '8', '12', '13', '14', '15', '16', '17') |
| 1 | 3 | 0.0 | 0.49105 | ('2', '11', '12', '13', 'T') |
| 1 | 4 | 0.19398 | 0.16388 | ('2', '3', '7', '13', '15', '17') |
| 1 | 5 | 0.0 | 0.48345 | ('2', '11', '12', '13', '14', '15', '16', '17') |
| 1 | 6 | 0.0 | 0.47405 | ('2', '8', '15', '16') |
| 1 | 7 | 0.13454 | 0.24418 | ('2', '5', '14', '15') |
| 1 | 8 | 0.00447 | 0.46115 | ('2', '11', '15') |
| 1 | 9 | 0.253 | 0.90321 | ('2', '5', '7', '10', '12') |
| 1 | 10 | 0.0 | 0.47065 | ('5', '7', '8', '11', '12', '13', '14', '15', '17', 'T') |
| 1 | 11 | 0.06693 | 0.63354 | ('2', '13', '15') |
| 1 | 12 | 0.0 | 0.49175 | ('3', '5', '10', '11', '13', '15', '16', '17', 'T') |
| 1 | 13 | 0.0 | 0.44696 | ('3', '4', '7', '8', '15', '16', '17') |
| 1 | 14 | 0.0 | 0.48195 | ('2', '7', '10', '11', '16', '17', 'T') |
| 1 | 15 | 0.0 | 0.47455 | ('2', '4', '8', '9', '10', '12', '13', '17', 'T') |
| 1 | 16 | 0.0 | 0.49115 | ('5', '6', '7', '8', '9', '10', '13', '14', '15', 'T') |
| 1 | 17 | 0.25108 | 0.09959 | ('2', '4', '12', '14', '15') |
| 1 | T | 0.02775 | 0.53935 | ('2', '5', '14', '15') |
| 2 | 3 | 0.0 | 0.49165 | ('4', '5', '9', '12', '13', '15', '16', 'T') |
| 2 | 4 | 0.0532 | 0.38416 | ('1', '13', '14', '15') |
| 2 | 5 | 0.0 | 0.49325 | ('3', '4', '7', '10', '13', '16') |
| 2 | 6 | 0.07649 | 0.63314 | ('10', '11', 'T') |
| 2 | 7 | 0.0 | 0.47955 | ('13', '14', '15') |
| 2 | 8 | 0.0 | 0.48305 | ('1', '13', '14', '15', 'T') |
| 2 | 9 | 0.0 | 0.49075 | ('1', '3', '4', '5', '6', '7', '10', '13', '16', '17', 'T') |
| 2 | 10 | 0.0 | 0.47415 | ('1', '5', '7', '8', '9', '14', '15') |
| 2 | 11 | 0.06615 | 0.58784 | ('T') |
| 2 | 12 | 0.0545 | 0.37296 | ('1', '13', '15') |
| 2 | 13 | 0.39427 | 0.02 | ('1', '3', '4', '5', '7', '12', '14', '15', '16') |
| 2 | 14 | 0.01844 | 0.46045 | ('1', '4', '7', '9', '11', '15', '16') |
| 2 | 15 | 0.38745 | 0.0219 | ('1', '13', '16') |
| 2 | 16 | 0.0 | 0.49855 | ('1', '5', '6', '11', '12', '15', 'T') |
| 2 | 17 | 0.0 | 0.49145 | ('4', '5', '12', '14', '15') |
| 2 | T | 0.13635 | 0.74813 | ('1', '13', '14', '15', '16') |
| 3 | 4 | 0.21171 | 0.13849 | ('1', '2', '10', '13', '15') |
| 3 | 5 | 0.0 | 0.49275 | ('7', '10', '12', '13', '16', 'T') |
| 3 | 6 | 0.05736 | 0.39046 | ('4', '7', '9', '10', '11', '13', '15', '16', 'T') |
| 3 | 7 | 0.0 | 0.49045 | ('2', '4', '6', '9', '11', '12', '13', '15') |
| 3 | 8 | 0.0 | 0.48195 | ('1', '5', '7', '10', '13', '16') |
| 3 | 9 | 0.13282 | 0.24868 | ('2', '6', '15', '16', 'T') |
| 3 | 10 | 0.17141 | 0.19398 | ('1', '13', '16', 'T') |
| 3 | 11 | 0.0 | 0.48425 | ('4', '5', '6', '7', '8', '9', '15', '16', '17', 'T') |
| 3 | 12 | 0.0 | 0.47965 | ('1', '10', '13', '15') |
| 3 | 13 | 0.12546 | 0.27197 | ('2', '4', '5', '9', '10', '12', '16', 'T') |
| 3 | 14 | 0.0 | 0.50295 | ('1', '10', '13', '15', '16') |
| 3 | 15 | 0.0 | 0.49355 | ('1', '2', '4', '5', '7', '9', '12', 'T') |
| 3 | 16 | 0.10065 | 0.30467 | ('1', '5', '10', '11', '13') |
| 3 | 17 | 0.0 | 0.48835 | ('1', '5', '9', 'T') |
| 3 | T | 0.0 | 0.47705 | ('10', '11', '12', '13', '15', '16') |
| 4 | 5 | 0.0 | 0.49515 | ('1', '2', '6', '9', '12', '15') |
| 4 | 6 | 0.13583 | 0.24278 | ('3', '11', '13', '14', '15') |
| 4 | 7 | 0.0 | 0.46475 | ('2', '3', '6', '8', '9', '10', '11', '12', '15', 'T') |
| 4 | 8 | 0.0 | 0.48505 | ('1', '7', '9', '11', '16', '17') |
| 4 | 9 | 0.0 | 0.49185 | ('1', '2', '3', '5', '7', '10', '12', '15', '16', 'T') |
| 4 | 10 | 0.0 | 0.47425 | ('1', '3', '5', '12', '13') |
| 4 | 11 | 0.0 | 0.49645 | ('3', '7', '12', '15', '16', '17', 'T') |
| 4 | 12 | 0.0 | 0.48515 | ('1', '2', '3', '6', '7', '13', '15', '16', '17', 'T') |
| 4 | 13 | 0.0 | 0.46515 | ('2', '3', '5', '10', '11', '12', '14', '15') |
| 4 | 14 | 0.0 | 0.48565 | ('1', '2', '3', '5', '6', '7', '8', '9', '10', '11', '16', '17', 'T') |
| 4 | 15 | 0.00316 | 0.49285 | ('2', '13') |
| 4 | 16 | 0.0 | 0.48905 | ('1', '2', '3', '6', '8', '9', '11', '14', '15', '17') |
| 4 | 17 | 0.18905 | 0.16748 | ('1', '2', '12', '13', '14', '15') |
| 4 | T | 0.0 | 0.48785 | ('1', '9', '13', '14', '16', '17') |
| 5 | 6 | 0.0 | 0.48685 | ('2', '3', '7', '11', '15', '16', '17') |
| 5 | 7 | 0.00803 | 0.31957 | ('8', '9', '10', 'T') |
| 5 | 8 | 0.31483 | 0.9508 | ('1', '11', '14', '15', '16') |
| 5 | 9 | 0.00316 | 0.50745 | ('2', '3', '6', '8', '14', '16', 'T') |
| 5 | 10 | 0.0 | 0.48945 | ('2', '4', '8', '13', '14', '15', '16') |
| 5 | 11 | 0.0 | 0.49775 | ('1', '7', '8', '10', '12', '14', '16', 'T') |
| 5 | 12 | 0.0 | 0.48925 | ('1', '7', '10', 'T') |
| 5 | 13 | 0.0638 | 0.35436 | ('2', '7', '10') |
| 5 | 14 | 0.08643 | 0.66383 | ('2', '7', '8', '9', '11', '16', '17') |
| 5 | 15 | 0.0 | 0.48985 | ('2', '7', '10', '13', '16') |
| 5 | 16 | 0.06253 | 0.37066 | ('8', '9', '12', '17', 'T') |
| 5 | 17 | 0.08764 | 0.67133 | ('1', '14', '15') |
| 5 | T | 0.00632 | 0.50525 | ('1', '11', '15') |
| 6 | 7 | 0.0 | 0.46055 | ('1', '5', '11', '13', '14', '15', '16', 'T') |
| 6 | 8 | 0.0 | 0.48015 | ('1', '2', '3', '5', '9', '10', '11', '12', '15', '16', 'T') |
| 6 | 9 | 0.29266 | 0.06749 | ('3', '14', '15') |
| 6 | 10 | 0.0 | 0.46665 | ('3', '11', 'T') |
| 6 | 11 | 0.06261 | 0.37376 | ('10', '14', '15', 'T') |
| 6 | 12 | 0.0 | 0.47955 | ('2', '4', '7', '9', '11', '13', '14', '15', '16') |
| 6 | 13 | 0.0 | 0.45395 | ('1', '3', '5', '7', '8', '9', '12', '14', '15', '16', '17', 'T') |
| 6 | 14 | 0.0 | 0.47905 | ('2', '5', '7', '9', '11', '13', '16', 'T') |
| 6 | 15 | 0.0 | 0.45175 | ('3', '7', '8', '4', '5', '7', '9', '11', '12', '13', '16', '17') |
| 6 | 16 | 0.0 | 0.50305 | ('2', '3', '4', '7', '9', '14') |
| 6 | 17 | 0.0 | 0.48545 | ('1', '2', '3', '4', '7', '10', '11', 'T') |
| 6 | T | 0.0 | 0.46805 | ('1', '2', '3', '5', '12', '13', '14') |
| 7 | 8 | 0.08978 | 0.66493 | ('5', '10', '14', '15', '16') |
| 7 | 9 | 0.0 | 0.49225 | ('5', '10', '12', '14', '16', 'T') |
| 7 | 10 | 0.0 | 0.44306 | ('1', '4', '6', '8', '11', '12', '13') |
| 7 | 11 | 0.0 | 0.49395 | ('1', '14', 'T') |
| 7 | 12 | 0.04324 | 0.37176 | ('1', '2', '5', '10', '14', '15', 'T') |
| 7 | 13 | 0.0 | 0.43256 | ('3', '5', '11', '12', '14', 'T') |
| 7 | 14 | 0.33222 | 0.06089 | ('2', '11', '15', '16') |
| 7 | 15 | 0.0 | 0.46425 | ('2', '3', '6', '9', '10', '11', '12', '13', '16', '17', 'T') |
| 7 | 16 | 0.11853 | 0.26857 | ('1', '2', '5', '10', '11', '14') |
| 7 | 17 | 0.0 | 0.46705 | ('1', '3', '4', '9', '11', '16') |
| 7 | T | 0.0 | 0.45965 | ('2', '5', '10', '11', '12', '13', '14') |
| 8 | 9 | 0.0 | 0.48915 | ('2', '3', '5', '7', '16', 'T') |
| 8 | 10 | 0.27444 | 0.94221 | ('5', '13', '16', 'T') |
| 8 | 11 | 0.29438 | 0.06909 | ('1', '5', '13', '16') |
| 8 | 12 | 0.0 | 0.47905 | ('1', '3', '5', '7', '10', '11', '14', '17') |
| 8 | 13 | 0.0 | 0.44896 | ('1', '11', '12', '15', 'T') |
| 8 | 14 | 0.0 | 0.46975 | ('1', '5', '10', '12', '13', 'T') |
| 8 | 15 | 0.00447 | 0.45085 | ('1', '2', '11', '16', 'T') |
| 8 | 16 | 0.13799 | 0.74993 | ('5', '10') |
| 8 | 17 | 0.0 | 0.48115 | ('1', '2', '3', '7', '9', '12', '13', '16', 'T') |
| 8 | T | 0.0 | 0.46015 | ('1', '3', '10', '11', '13', '16') |
| 9 | 10 | 0.00548 | 0.48665 | ('1', 'T') |
| 9 | 11 | 0.0 | 0.49125 | ('1', '5', '7', '8', '10', '12', '16', 'T') |
| 9 | 12 | 0.07785 | 0.65293 | ('1', '5', '10', '15') |
| 9 | 13 | 0.0 | 0.45095 | ('1', '2', '3', '6', '7', '12', '14') |
| 9 | 14 | 0.08349 | 0.33037 | ('2', '6', '7', '11', '16') |
| 9 | 15 | 0.06626 | 0.33967 | ('1', '2', '3', '6', '13', '16') |
| 9 | 16 | 0.05692 | 0.60154 | ('1', '5', '7', '10', '11') |
| 9 | 17 | 0.0 | 0.48495 | ('1', '2', '4', '5', '10', '11', '12', '15', '16', 'T') |
| 9 | T | 0.0 | 0.48405 | ('1', '7', '10', '11', '12', '16') |
| 10 | 11 | 0.03493 | 0.55514 | ('T') |
| 10 | 12 | 0.0324 | 0.41056 | ('1', '13', 'T') |
| 10 | 13 | 0.06892 | 0.32587 | ('1', '3', '5', '11', '12', '16', 'T') |
| 10 | 14 | 0.11045 | 0.70193 | ('T') |
| 10 | 15 | 0.07785 | 0.62564 | ('1', '2', '5', '7', '8', '9', '12', '13', '16') |
| 10 | 16 | 0.18417 | 0.16728 | ('3', '5', '11', '14', 'T') |
| 10 | 17 | 0.0 | 0.47835 | ('1', '2', '4', '6', '7', '8', '14', '15', 'T') |
| 10 | T | 0.44425 | 0.0149 | ('1', '11', '13') |
| 11 | 12 | 0.0 | 0.47455 | ('1', '7', '8', '9', '14', '17', 'T') |
| 11 | 13 | 0.0 | 0.48095 | ('1', '2', '3', '4', '7', '9', '12', '16', 'T') |
| 11 | 14 | 0.14082 | 0.23778 | ('1', '2', '6', '7', '8', '16', 'T') |
| 11 | 15 | 0.09434 | 0.68773 | ('1', '2', '5', '13', '16') |
| 11 | 16 | 0.0 | 0.49285 | ('1', '5', '10', '14', 'T') |
| 11 | 17 | 0.04648 | 0.58544 | ('T',) |
| 11 | T | 0.45099 | 0.0074 | ('10', '14') |
| 12 | 13 | 0.08701 | 0.31537 | ('1', '2', '10', '15') |
| 12 | 14 | 0.0 | 0.47855 | ('1', '2', '3', '4', '5', '10', '13', 'T') |
| 12 | 15 | 0.0 | 0.47055 | ('1', '2', '3', '10', '13', '14', '16', '17') |
| 12 | 16 | 0.16486 | 0.79742 | ('1', '5', '8', '10', '13', '15', '17', 'T') |
| 12 | 17 | 0.25766 | 0.10319 | ('1', '2', '4', '7', '10', '14', '15') |
| 12 | T | 0.0 | 0.45760 | ('3', '5', '10', '11', '13', '14', '15') |
| 13 | 14 | 0.0 | 0.47655 | ('1', '8', '9', '10', '15', '16', 'T') |
| 13 | 15 | 0.0 | 0.39416 | ('1', '4', '6', '9', '10', '14', '16', '17') |
| 13 | 16 | 0.0 | 0.49005 | ('2', '12', 'T') |
| 13 | 17 | 0.0 | 0.46275 | ('1', '2', '4', '6', '7', '10', '12', '15', '16', 'T') |
| 13 | T | 0.0 | 0.40826 | ('4', '5', '7', '8', '9', '12', '15', '16', '17') |
| 14 | 15 | 0.0 | 0.45575 | ('1', '3', '4', '10', '12') |
| 14 | 16 | 0.01924 | 0.44846 | ('7', '11', '15') |
| 14 | 17 | 0.107 | 0.28097 | ('1', '2', '4', '7', '9', '11', '12', '16') |
| 14 | T | 0.11628 | 0.69763 | ('10', '13', '15') |
| 15 | 16 | 0.24564 | 0.11159 | ('2', '3', '5', '7') |
| 15 | 17 | 0.0 | 0.47875 | ('1', '2', '4', '7', '9', '12', '14') |
| 15 | T | 0.0 | 0.45935 | ('2', '5', '13') |
| 16 | 17 | 0.04111 | 0.58024 | ('12', '13') |
| 16 | T | 0.0 | 0.47795 | ('1', '2', '3', '5', '10', '11', '14', '15') |
| 17 | T | 0.09094 | 0.67053 | ('1', '2', '14', '15') |