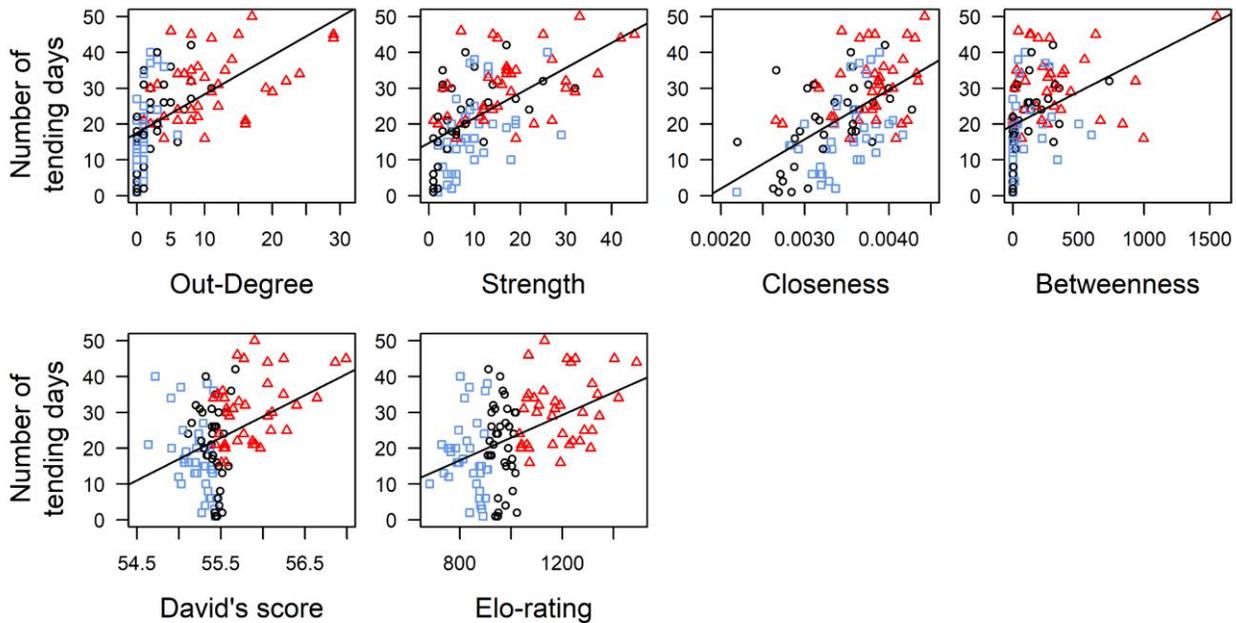**Supplemental Data SD5**: Data Supporting Tests of Network and Dominance Measures vs. Tending Effort

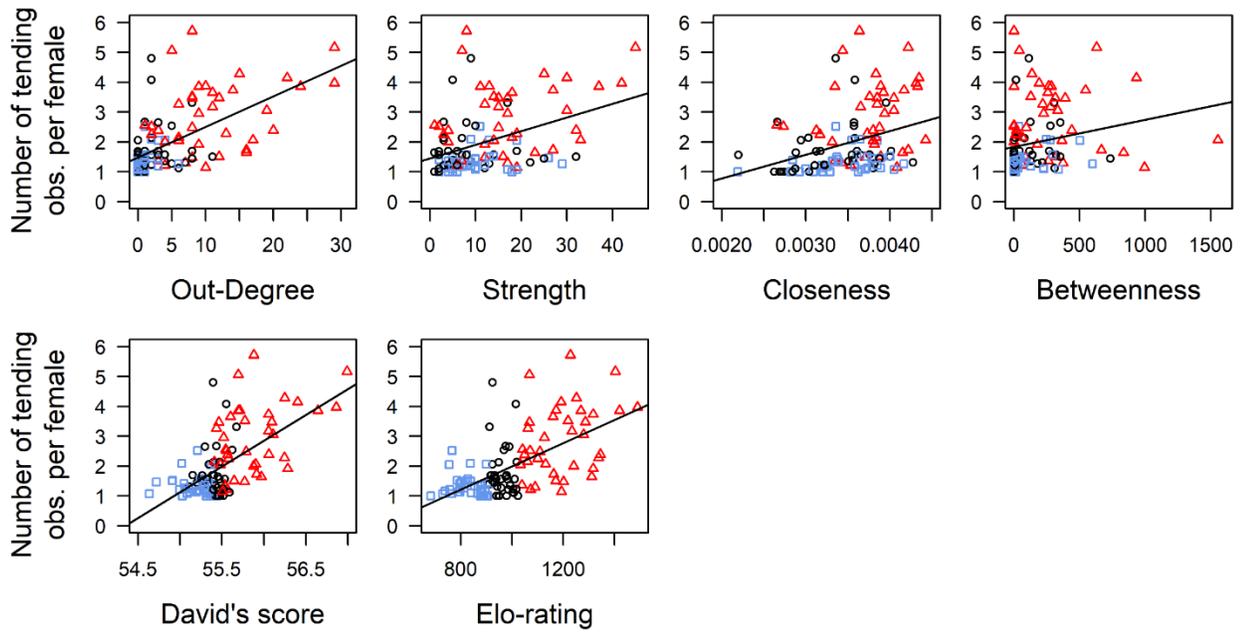<u>Scatterplots of Network and Dominance Measures vs. Tending Effort</u>
Relationships between tending effort vs. the four network measures (top row) and traditional dominance measures (bottom row). Lines indicate a linear fit to the data, with significant relationships depicted with solid lines. Data points are color and shape coded according to the 33% and 66% quantiles of Elo-rating:

      Blue squares = Elo-rating < 910 (low dominance)
      Black circles = Elo-rating ≥ 910 and < 1026 (mid dominance)
      Red triangles = Elo-rating ≥ 1026 (high dominance)
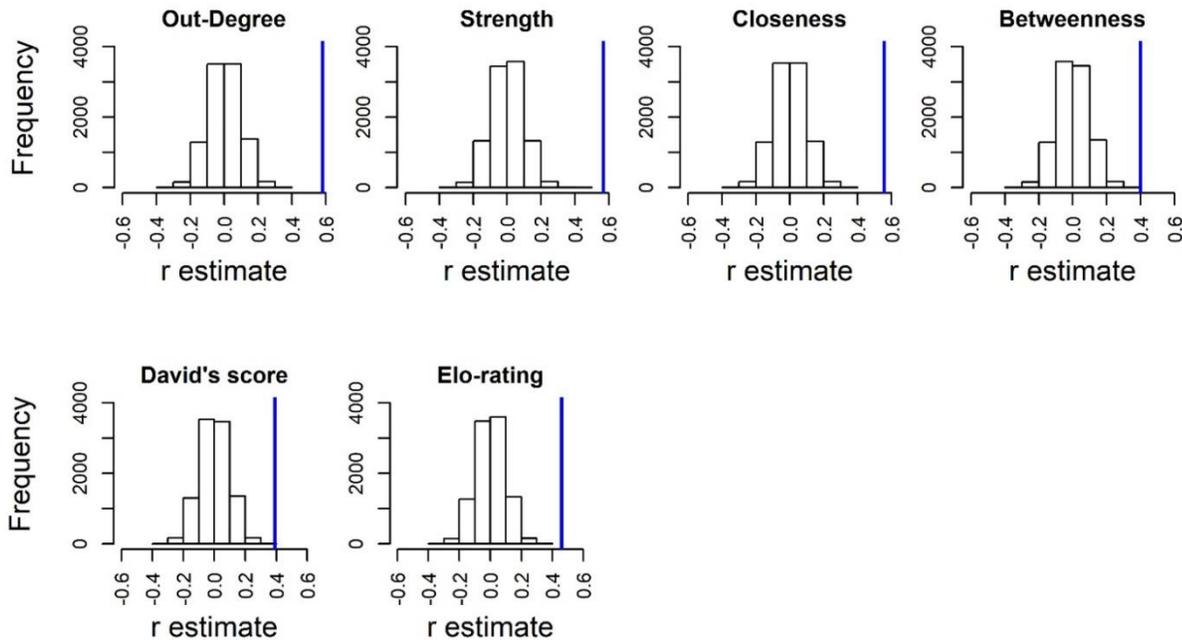
Number of Tending Days Scatterplots:

Average Number of Tending Observations per Female Scatterplots:

Wyman et al. – Tradeoffs between fighting and breeding

Randomization Histograms for Network and Dominance Measures vs. Tending Effort
Histograms of correlation coefficients (r) for permutations of ID. Randomization procedure was
conducted using social network measures (top row) and traditional dominance measures (bottom row).
The blue line indicates the observed correlation coefficient (r) for each test.

Number of Days Tending Histograms:

Average Number of Tending Observations per Female Histograms: