**Supp. Table S7**. Results of Spearman’s rank correlation tests between host range and geographic range for 40 *Dermacentor* species (df=38)

|  |  |  |  |
| --- | --- | --- | --- |
| Host range variable | Number of biomes | Number of ecoregions | Number of climate zones |
| Number of host families | rho = 0.53  p < 0.001 | rho = 0.64  p < 0.001 | rho = 0.56  p < 0.001 |
| Number of host orders | rho = 0.48  p = 0.002 | rho = 0.59  p < 0.001 | rho = 0.48  p = 0.002 |
| Host phylogenetic diversity | rho = 0.50  p = 0.001 | rho = 0.61  p < 0.001 | rho = 0.57  p < 0.001 |