**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 = 0.53p < 0.001 | rho = 0.64p < 0.001 | rho = 0.56p < 0.001 |
| Number of host orders | rho = 0.48p = 0.002 | rho = 0.59p < 0.001 | rho = 0.48p = 0.002 |
| Host phylogenetic diversity | rho = 0.50p = 0.001 | rho = 0.61p < 0.001 | rho = 0.57p < 0.001 |