**Table 2. Degree of correlation between RCL, ICL, and various diversity and turnover metrics.** All correlations done using Spearman rank-order correlations. Results consistent regardless of test statistic. Both metrics of taxonomic clustering are moderately correlated with the proportion of genera originating (bold = significant at the 0.05 level).

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | RCL for Extinctions | | ICL for Extinctions | | RCL for Originations | | ICL for Originations | |
|  | **rho** | **p-value** | **rho** | **p-value** | **rho** | **p-value** | **rho** | **p-value** |
| Number of genera (Ntot) | -0.398 | 0.092 | -0.486 | 0.037 | 0.113 | 0.635 | -0.096 | 0.686 |
| Number of extinctions (Ne) | 0.084 | 0.734 | 0.040 | 0.872 | -- | -- | -- | -- |
| Number of originations (No) | -- | -- | -- | -- | -0.311 | 0.183 | -0.290 | 0.214 |
| Proportion of genera extinct | 0.409 | 0.083 | 0.402 | 0.089 | -- | -- | -- | -- |
| Proportion of genera originating | -- | -- | -- | -- | -0.698 | **0.001** | -0.627 | **0.004** |
| Per-capita extinction rate (q) | 0.354 | 0.137 | 0.462 | 0.047 | -- | -- | -- | -- |
| Per-capita origination rate (p) | -- | -- | -- | -- | -0.313 | 0.179 | -0.663 | 0.781 |