

Ecography

ECOG-03424

Keil, P., MacDonald, A. M., Ramirez, K. S., Bennett, J. M., García-Peña, G. E., Yguel, B., Bourgeois, B. and Meyer, C. 2018. Macroecological and macroevolutionary patterns emerge in the universe of GNU/Linux operating systems. – Ecography doi: 10.1111/ecog.03424

Supplementary material

Appendix 1

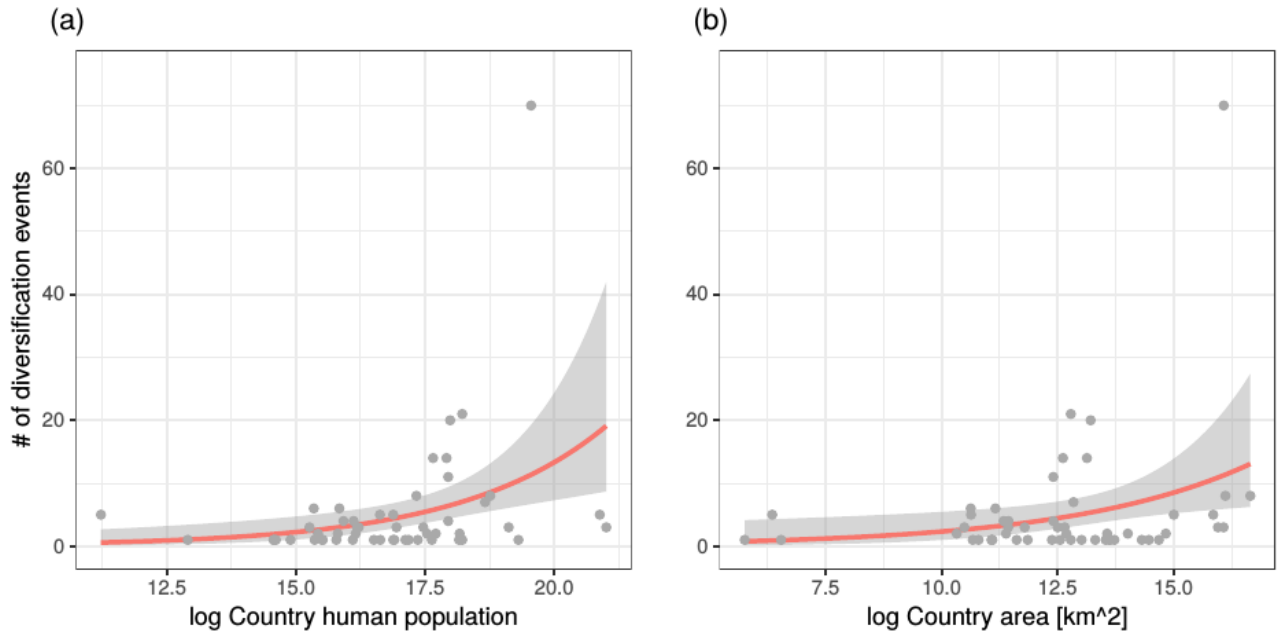


Figure A1 Number of diversification events (i.e. originations of new distros) as a function of (a) population of a country in which distros originate and (b) area of the country. Red lines are mean values from quasipoisson log-linear regression and shaded areas are 95% confidence intervals of the means. We extracted the data on country of origin of each distro from www.distrowatch.com, where each distro has its dedicated website (e.g., the Ubuntu-specific website at <http://goo.gl/xzTk>), and the header gives the country of origin. For each country, we extracted its human population and area from www.geonames.com using R package *geonames*. We fitted generalized linear model (quasipoisson family, log link function) with number of diversification events as a response and either country human population (log transformed) or country area (log transformed) as predictors.