

Bottom: Graphical depiction of the regression model automatically selected based on MASS::stepAIC which sequentially searches through all possible models (both forward selection and backward elimination) for the one that minimizes AIC. The model selection routine considered all main effects (solid) and two-way interactions (dashed).

Right: Relative importance (%) derived from the previously selected regression model using the LMG metric via the R-package relaimpo to estimate the relative importance of each predictor. LMG estimates the importance by splitting the total R^2 into one non-negative R^2 share per regressor, all of which sum to the total explained R^2 .

