





Fig. S2. Estimated conditional dependence of elephant dung density for single variable models.

Results are shown for (A) hunter sign^{***}, (B) survey year^{**}, (C) proximity to roads^{*}, (D) human population density^{***}, (E) Human Influence Index^{***}, (F) official protection^{***} (higher values = less protected), (presence/absence of wildlife guards is a factor covariate and thus not shown here, however, dung density was significantly higher - $P < 0.001$ - at sites where guards were present), (G) corruption^{***} (higher values = less corrupt), (H) latitude^{*}, and (I) longitude^{***}. P-value significance codes are: ‘***’ < 0.001 , ‘**’ < 0.01 , and ‘*’ < 0.05 . Plot components are: Estimates on the scale of the linear predictor (solid lines) with the y-axis scale for each variable selected to optimally display the results, confidence intervals (dashed lines), explanatory variable values of observations with a focus on the core 95% of values for a, c and d (rug plot - short vertical bars along each x-axis).