



**Extended Data Figure 3 | Relationships between community-level changes in abundance and protected areas or surface water.**

**a**, Relationship between community-level changes in abundance and the proportion of sites covered by protected areas. **b**, Relationship

between community-level changes in abundance and surface water change. Regression lines are based on the estimated coefficients in Fig. 3a; values and regression lines for grid cells in areas with more (in blue) and less (in red) effective governance in **a**.  $n = 2,079$  grid cells.