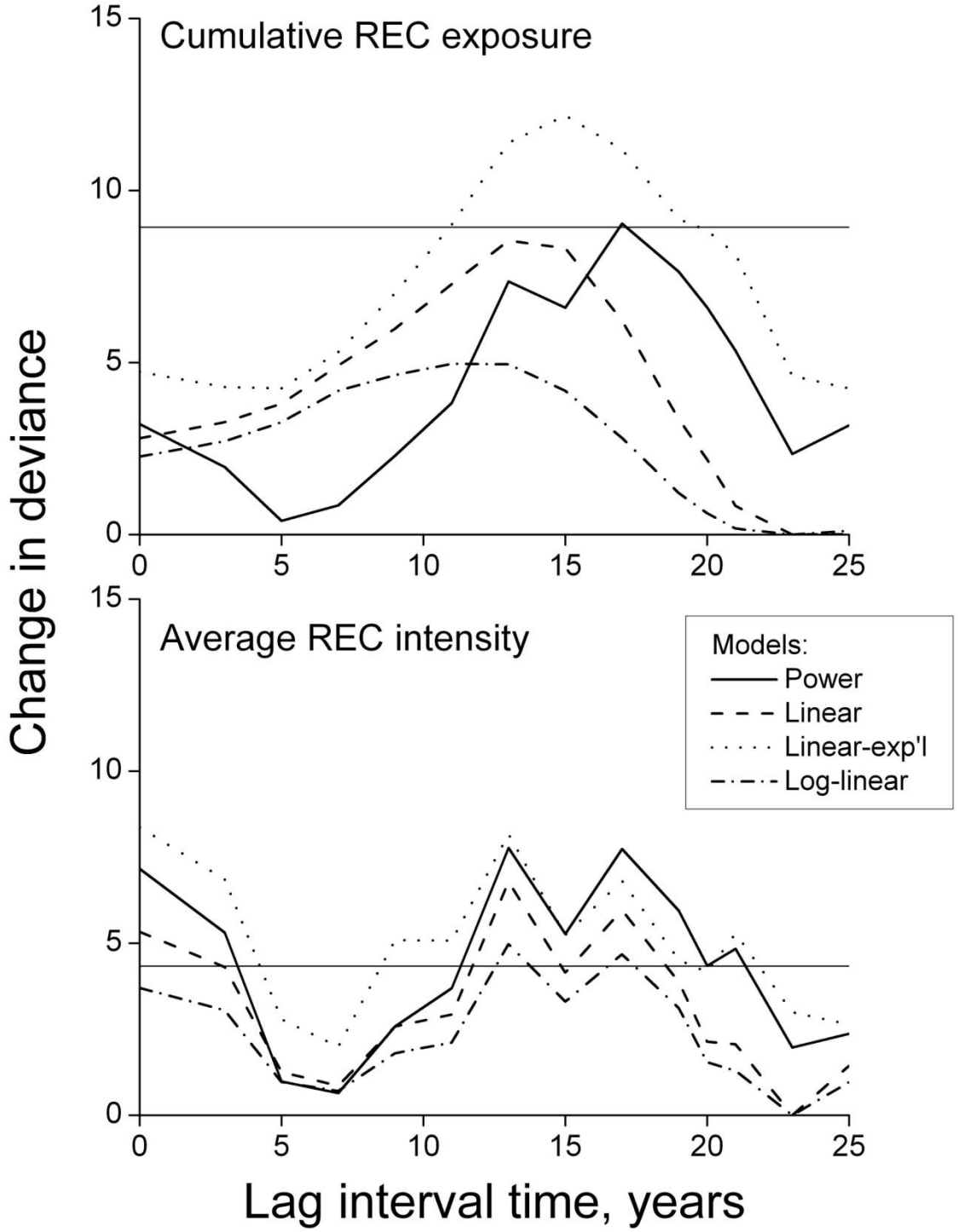
Supplementary Figure 1. Change in deviance, a measure of model fit, relative to a model without REC exposure by length of lag interval in years. **Upper panel)** cumulative REC exposure; **Lower panel)** average REC intensity. For continuous exposure (d) models include a power model, $OR(d) = d^{\beta}$ (solid line); a linear model, $OR(d) = 1 + \beta\, d$ (dashed line); a linear-exponential model, $OR(d) = 1 + \beta\, d \exp(\gamma\, d)$ (dotted line); and an exponential model, $OR(d) = \exp(\beta\, d)$ (dot-dashed line). The straight solid lines denote the maximum change in deviance for the linear-exponential model minus 3.84, a one degree of freedom chi-square value, for determination of 95% confidence limits. REC = respirable elemental carbon; OR = odds ratio.


Cumulative REC exposure
Average REC intensity
Change in deviance
Lag interval time, years
Models:
Power
Linear
Linear-exp'l
Log-linear
0
5
10
15
20
25