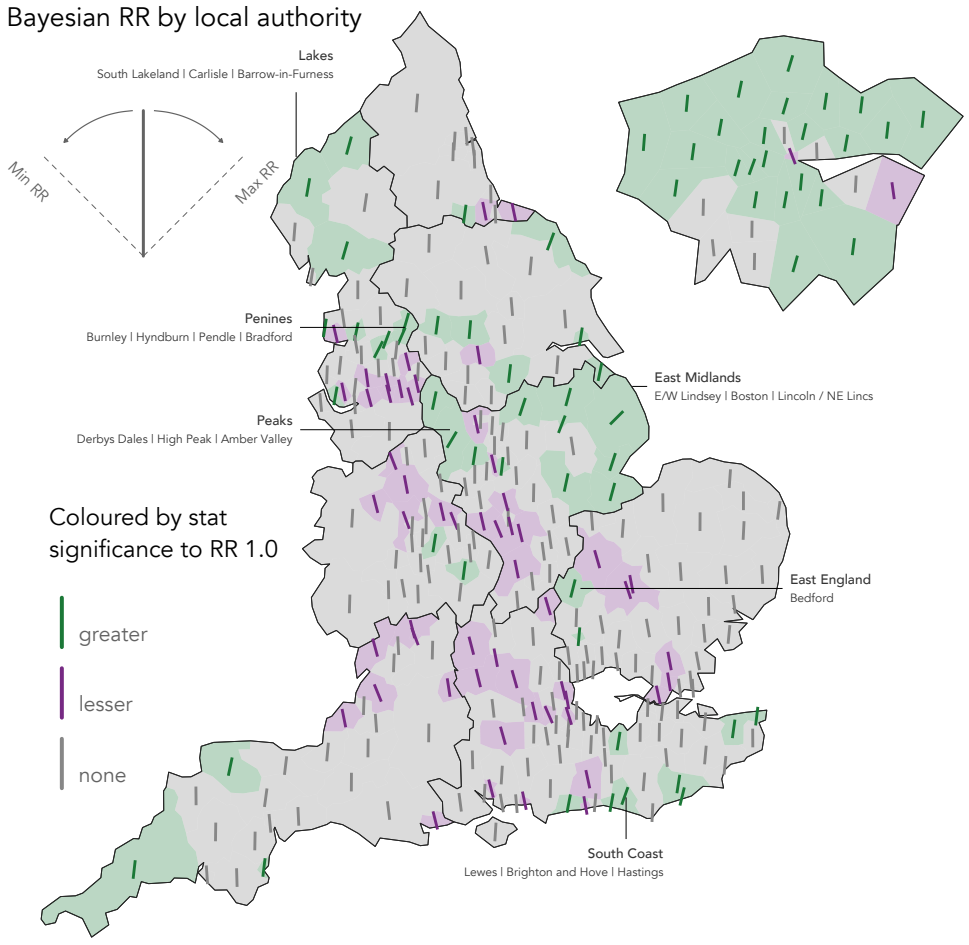

Exp: RRs adjusted by population density and crash count (via shrinkage) do not vary by location.

Obs: There is geographic associations in high and low adjusted RRs — high crash rates in local authorities in East Mids, Peaks + Penines, Lake District and South Coast. Also evidence of locally exceptional RRs — Bedford.

Stat: Bayesian RRs are effect sizes that are reasonably stable as estimates are shrunk to global mean where there is less data. Inferences around geographic pattern in high-low values are made visually.

Check: Bootstrap confidence interval over adjusted RRs.

Check: Line-up with informal check for geographic patterning against assumption that crash rates distribute independently of location. Nine plots are presented: one contains real data, the rest simulated data under the assumption of locational independence in RRs.