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Supplement of

A multiresolution spatial parameterization for the estimation of fossil-fuel carbon dioxide emissions via atmospheric inversions

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Supplementary Material

A spatial parameterization for fossil-fuel carbon dioxide emissions

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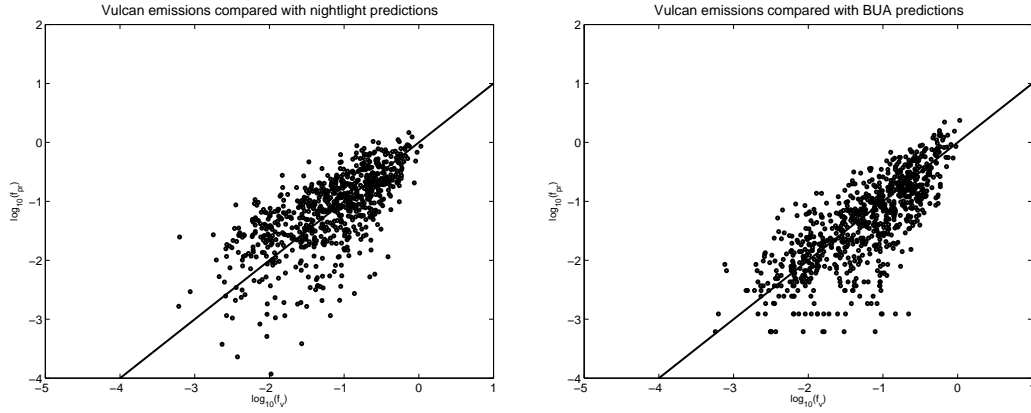


Figure 1: Plots of log-transformed prior emissions \mathbf{f}_{pr} against annually averaged Vulcan emissions $\bar{\mathbf{f}}_V$ in \mathcal{R} . Left: Emissions developed from nightlights. Right: Emissions developed from BUA maps. Note that on a grid-cell basis, the two emissions are not very close. Units of emissions are micromolesof $\text{CM}^{-2}\text{s}^{-1}$.