README for Data

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This document describes files posterior methane emissions for the US, 2010-2019. This is a simplified version. Will improve the readability upon the publication of this work.

Each file is an inversion result, using different inversion parameter (different regularization parameter, prior error estimate, etc.).

The .sav data includes the following variables:

grid_scalor_all: Inversion derived posterior scaling factor for gridded methane.

grid_scalor_sectors1: Posterior scaling factor for difference emission sector, based on Method 1.

grid_scalor_sectors2: Posterior scaling factor for difference emission sector, based on Method 2.

Regionname: Name of oil/gas production regions **Varname:** Name of different emission sector

Regiontotalemis: Regional total annual emission for different regions and sectors

Regioncountry: Country of each region.