# The Ice-to-Dust Ratio Varies in CMZ Clouds

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https://spacialtree.github.io/

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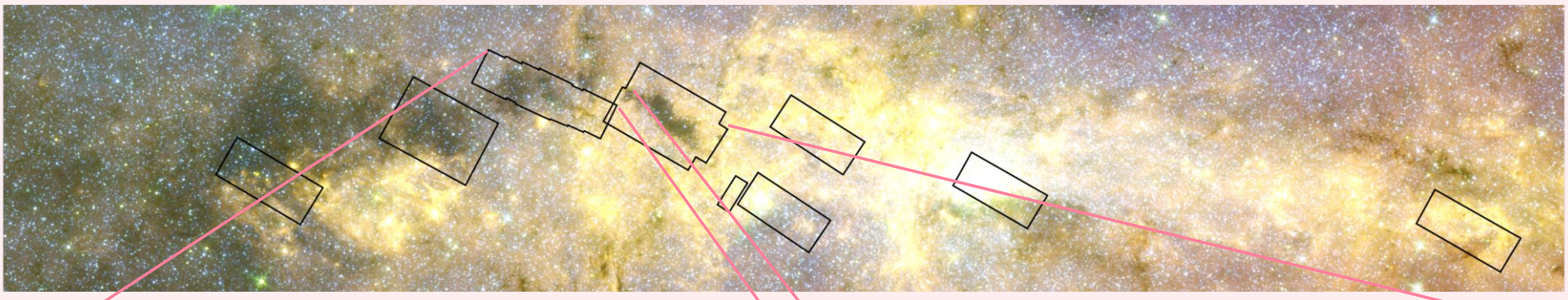
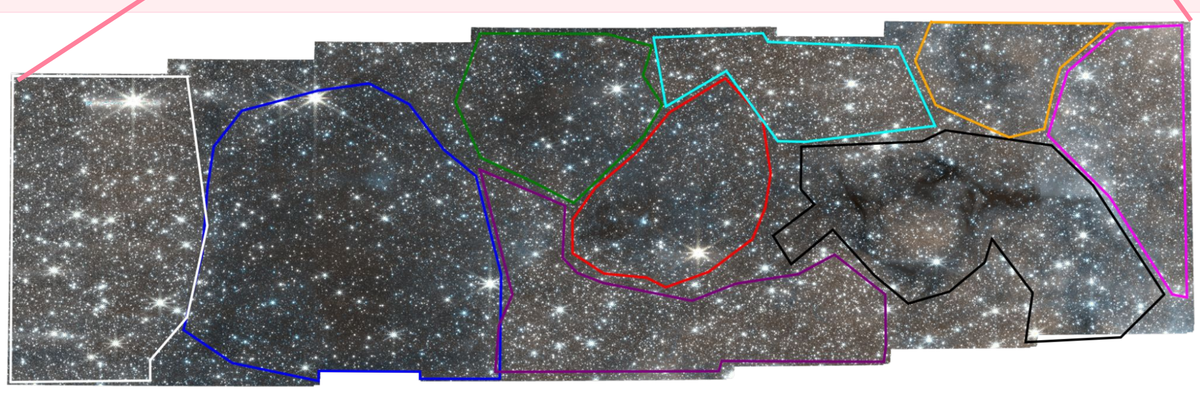
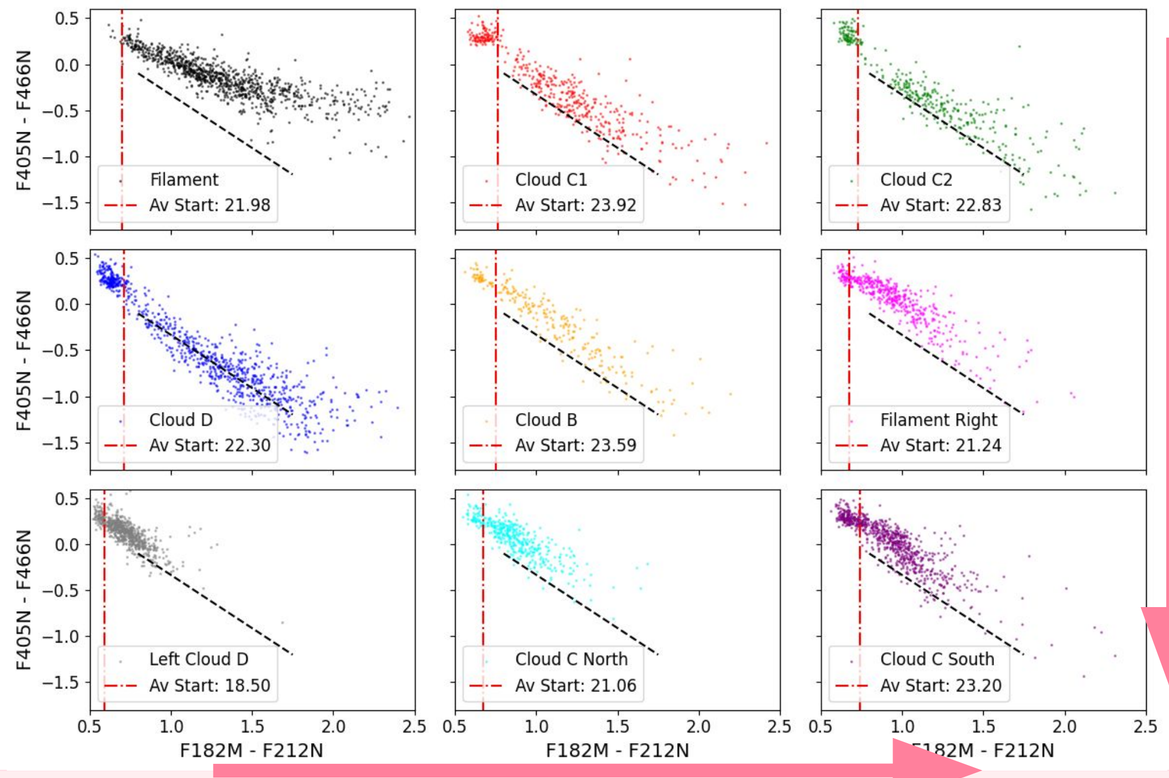
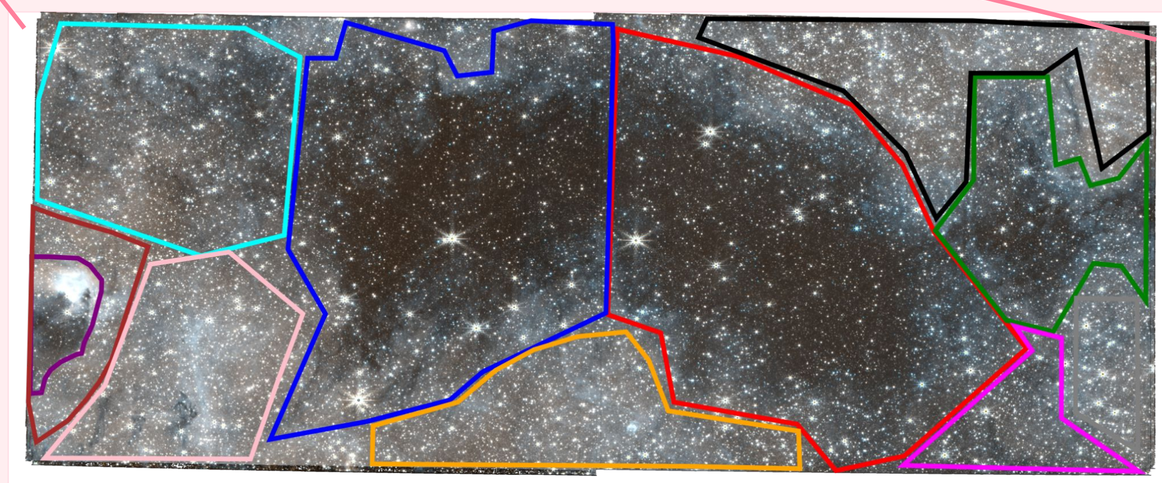
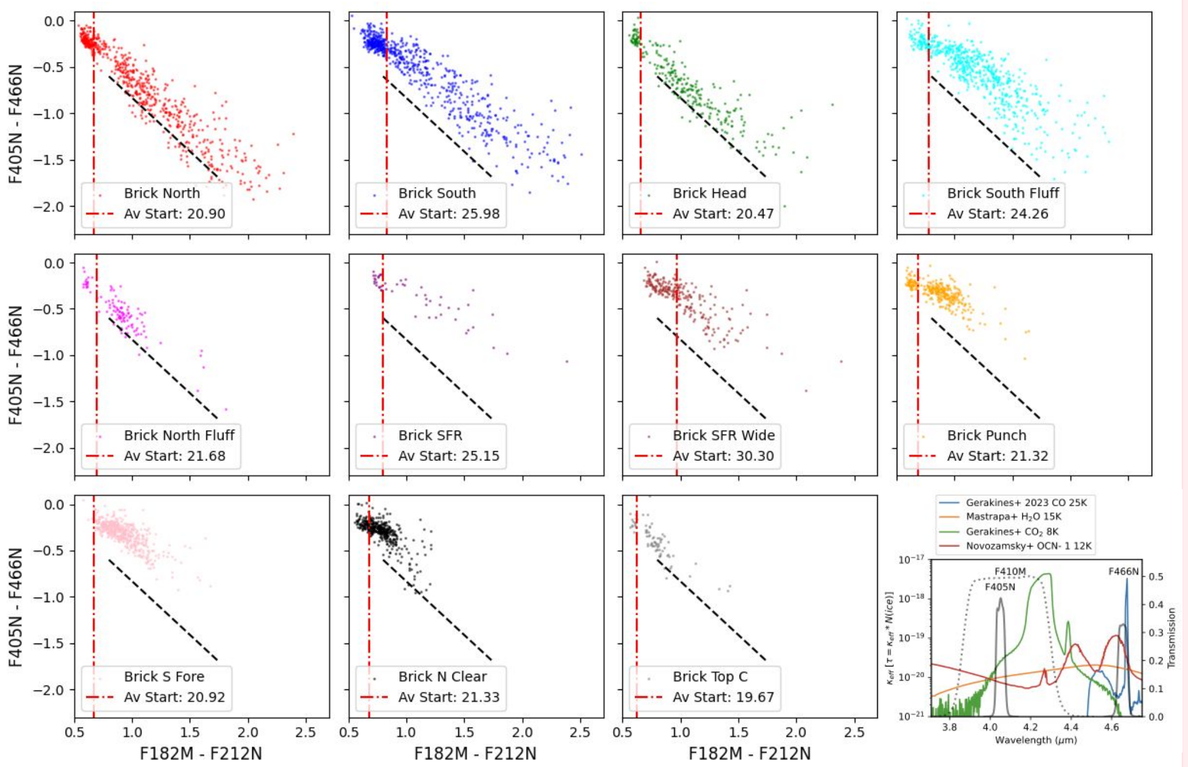






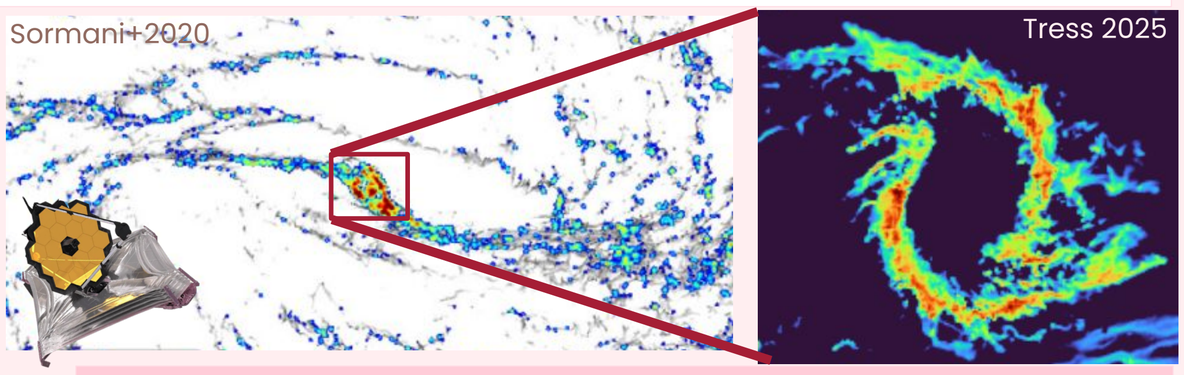

CO Ice

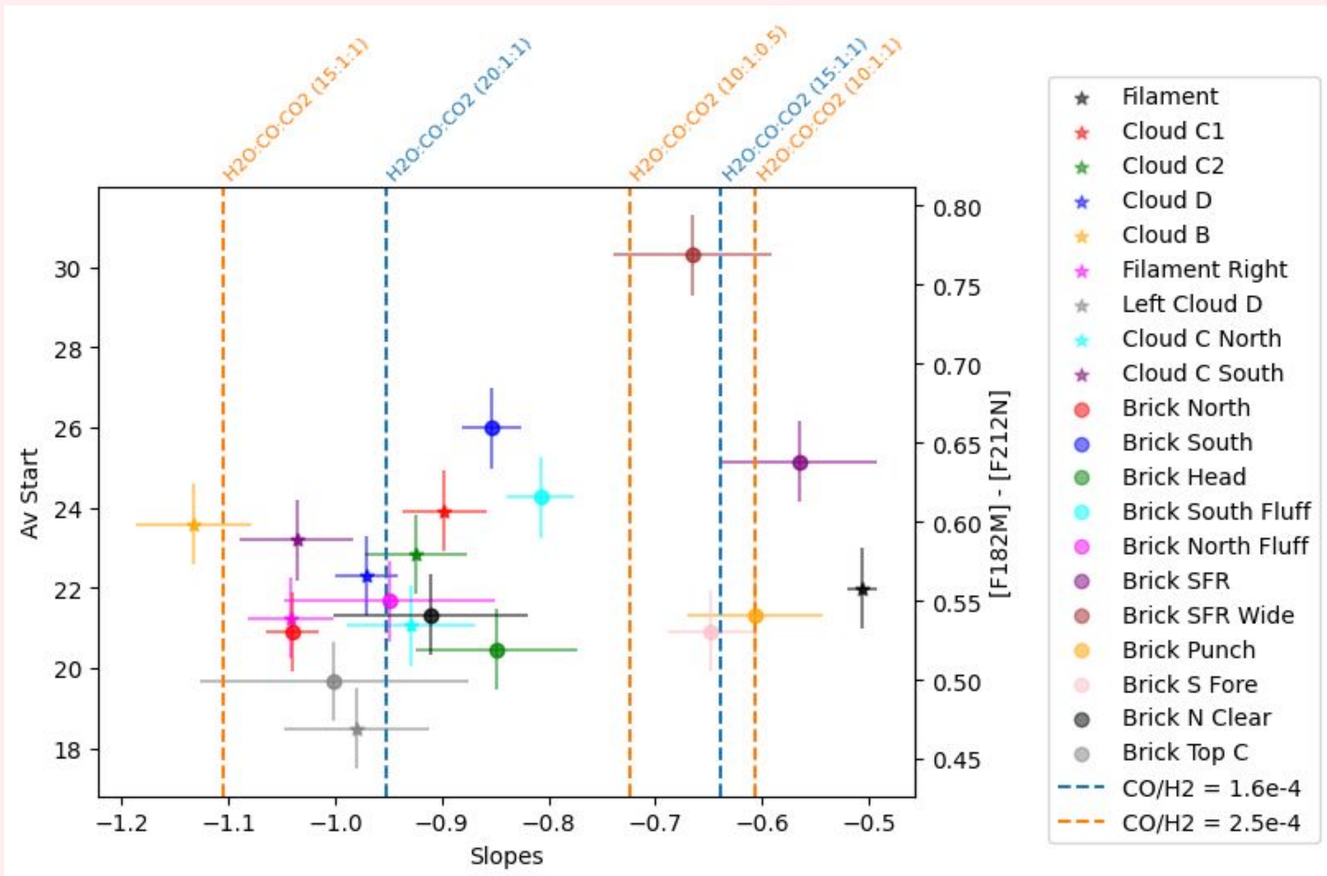


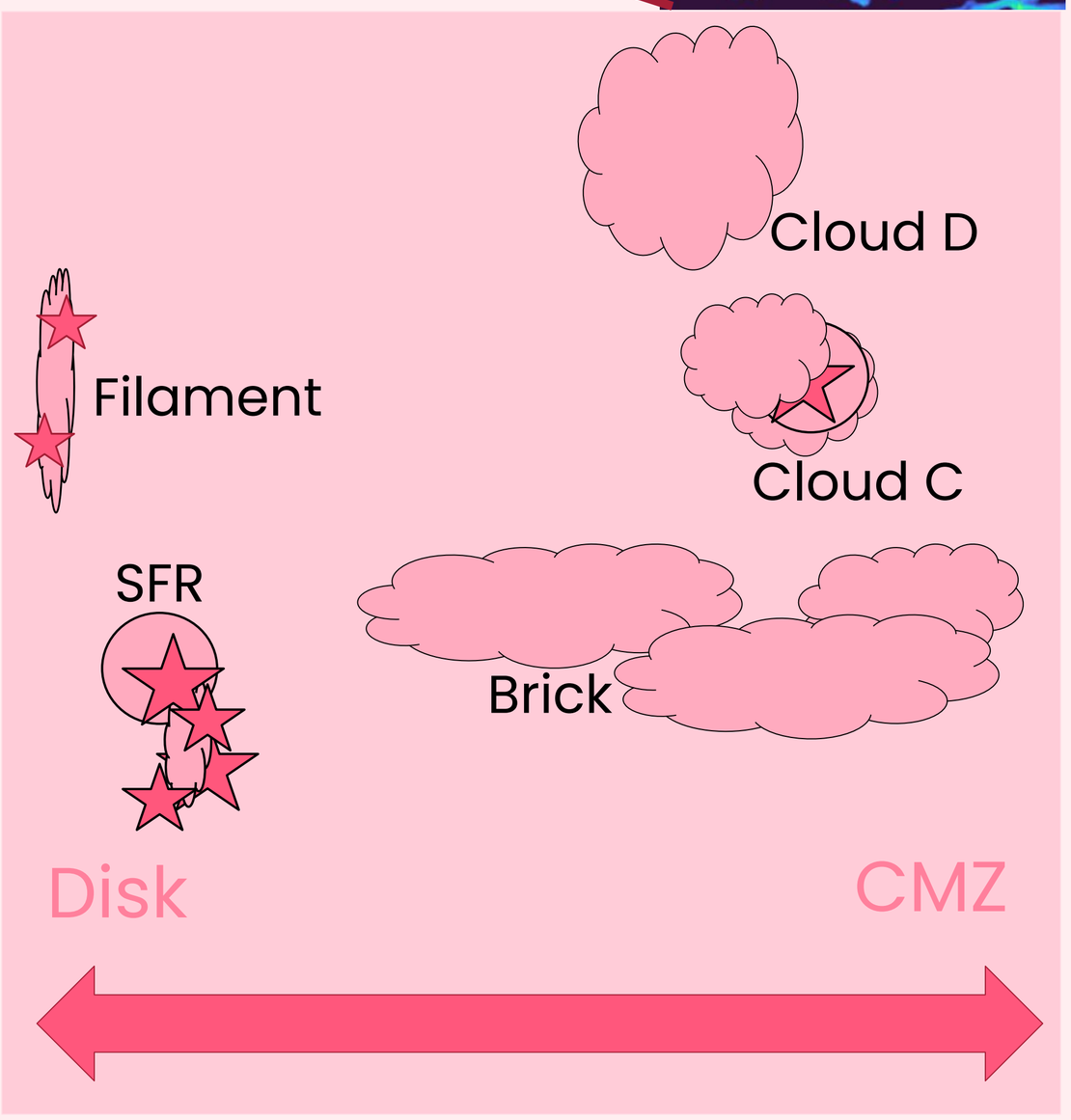



## Dust Extinction

- ★ Each region shows evidence of CO ice absorption, even with no obvious cloud.
- ★ Some regions seem icier than others at the same dust extinction.




- ★ For each color-color diagram, stars redder than Av start are fit with a line.
- ★ Regions with steeper slopes correspond to the CMZ, while regions with shallower slopes are more likely to be foreground to the CMZ.
- ★ Ice-to-dust varies between regions in the CMZ.