Examining this relationship in unamended California soils, we see several effects...

1. Management
You can see the slopes and how the nature of this relationship changes between managements that utilize cover crops and those that do not. The strength of these relationships differ, with an $R^2 = 0.0515$ for management strategies without cover crops and $R^2 = 0.1906$ for those fields with cover crops.

2. Location
The management effect differs by growing region. There are significant ($p<0.05$) effects of cover crops on the prediction of N mineralization in Yolo county, no difference in San Joaquin County, and moderately different effects ($p<0.10$) in Fresno/Kern Counties.

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