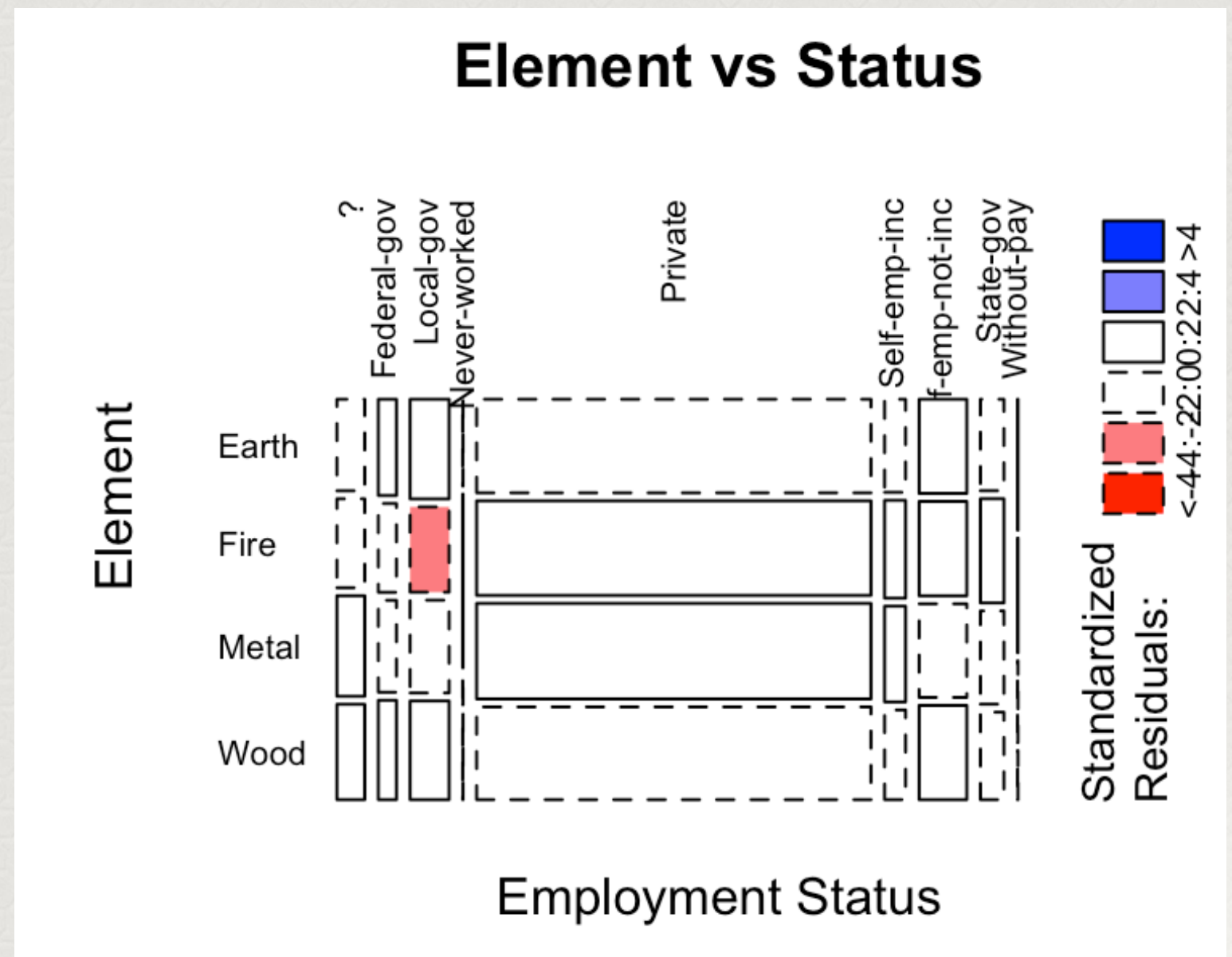


Analytics of the Elements

Revanth Korrapolu - rrk69

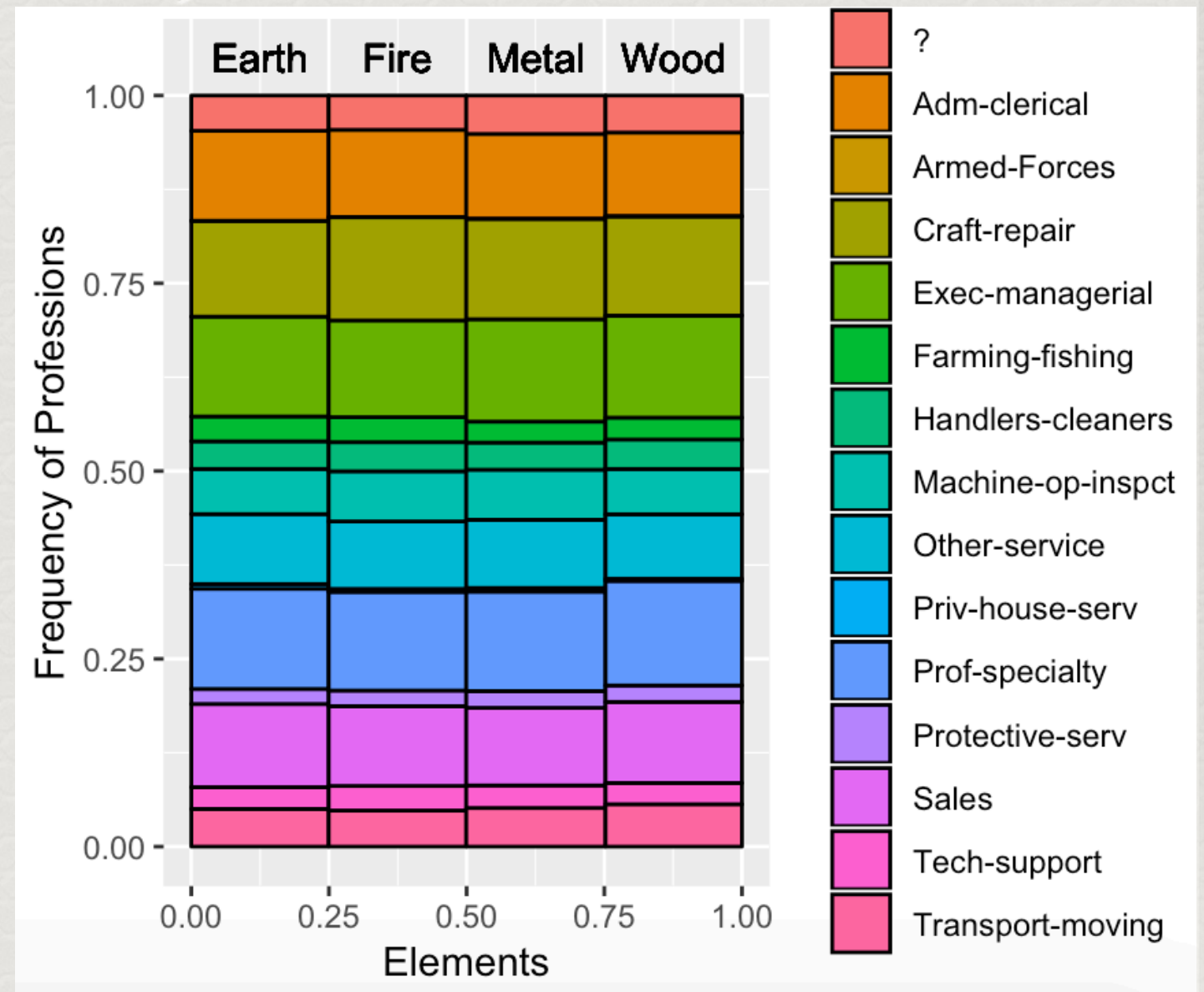
Exploratory Analysis

- ✦ *Element vs. employment status*
- ✦ *Most of “never-worked” population is from Fire element*



Exploratory Analysis

✧ *Element vs. Profession*



Discoveries

- ★ *Fire element has higher capital gains (on average) than any other elements*

Earth	Fire	Metal	Wood
23730.16	38356.67	22922.56	24784.61

- ★ *Fire element has less capital losses (on average) than any other elements*

Earth	Fire	Metal	Wood
879.910	1134.824	1174.038	1097.399

Results

- ✿ *Null Hypothesis: Fire element has same capital gains as the other elements*
- ✿ *$p\text{-value} = 5.084821e^{-14}$*
- ✿ *Since $p < \alpha$, we reject the null hypothesis.*
- ✿ *Alternative Hypothesis: Fire element has higher capital gains (on average) than any other elements*

Take Away

- ✿ *People from other elements can learn from people of the Fire element to make more money*