Energy Justice for Where and Who – Distributional and Recognition Justice

Yohan Min

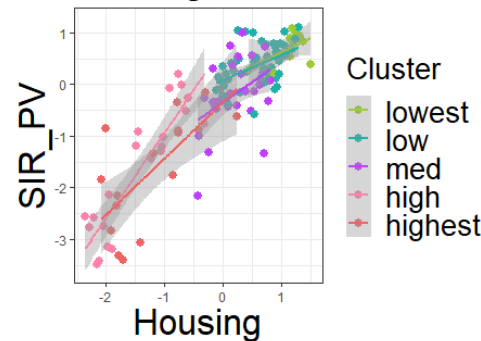*College of Built Environments*

The significant factors explaining distribution pattern

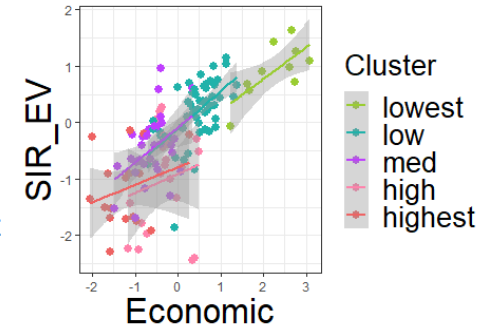- EV - Economic index
- PV - Housing index

The more vulnerable neighborhood

- High population density
- Low homeownership
- Fewer single-family homes
- Lower home values and income
- Lower White and Asian population
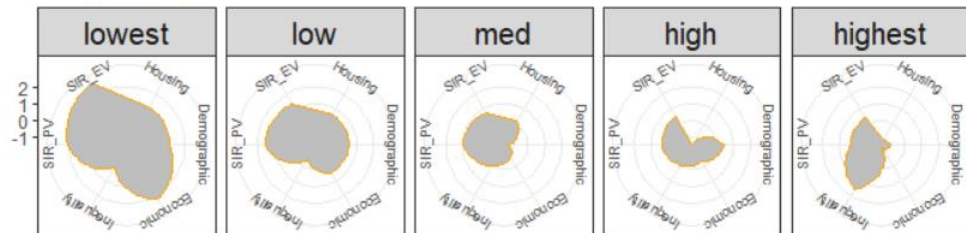- Lower education
- High inequality index

Four indices – Housing, Economic, Demographic, Inequality

Conclusion

- PV is housing index sensitive while EV is economic index sensitive.
- The more vulnerable, the more sensitive to housing index for PV adoption, but the less sensitive to economic index for EV adoption.
- Housing related support may favor more vulnerable communities while economic support may favor less vulnerable communities.
- The more vulnerable, the less correlated between PV and EV.

CENTER FOR STUDIES IN DEMOGRAPHY & ECOLOGY

UNIVERSITY *of* WASHINGTON