

Research Interest of Yingru "Ruby" Han

Yingru Han

August 30, 2021

1 Research Interest

My research interest is mainly in the domain of humanitarian operations and human-centric operations. I am interested in the topics that involves a humanitarian factor as well as how people's behaviors, especially for those marginalized groups, can be changed by operational factors. I have done my first research project on the staffing decisions for food bank fundraising, and the second one on disability inclusion is on the way. Seriously and not seriously, my ultimate goal of dedicating in academia is to have an impact on the world, and I have been enjoying the process so far.

2 In-text Citation

My food bank research is responding to the calling of fundraising researches in less urgent settings in OM by Altaya and Narayanan (Altay & Narayanan, 2020). Meanwhile, my disability inclusion project is inspired by the recent work from Narayanan and Terris (Narayanan & Terris, 2020).

3 Equation

I used the the following fixed effects model in my first-year paper:

$$Y_i = \beta_1 * X_i + \alpha_i + v_i$$

4 Picture

Here is an interaction plot that I used in my first year paper:

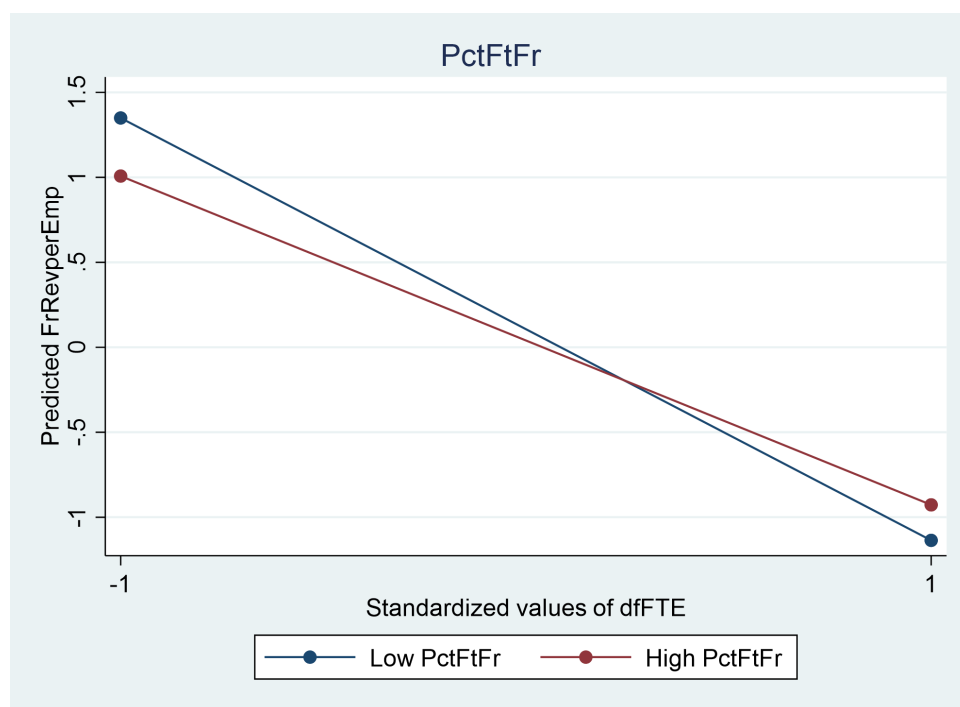


Figure 1: Interaction Plot

References

- Altay, N., & Narayanan, A. (2020). Forecasting in humanitarian operations: Literature review and research needs. *International Journal of Forecasting*.
- Narayanan, S., & Terris, E. (2020). Inclusive manufacturing: The impact of disability diversity on productivity in a work integration social enterprise. *Manufacturing & Service Operations Management*, 22(6), 1112–1130.