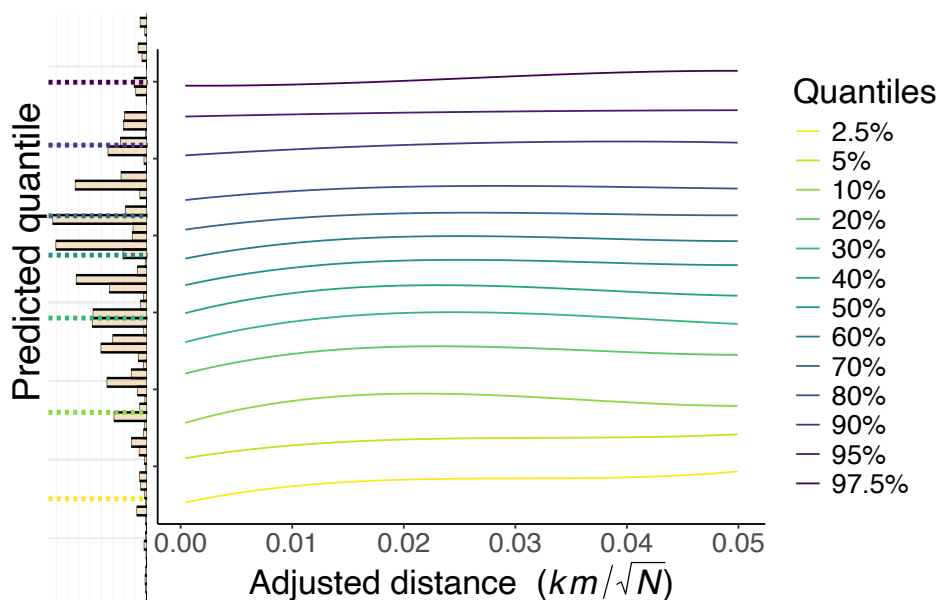


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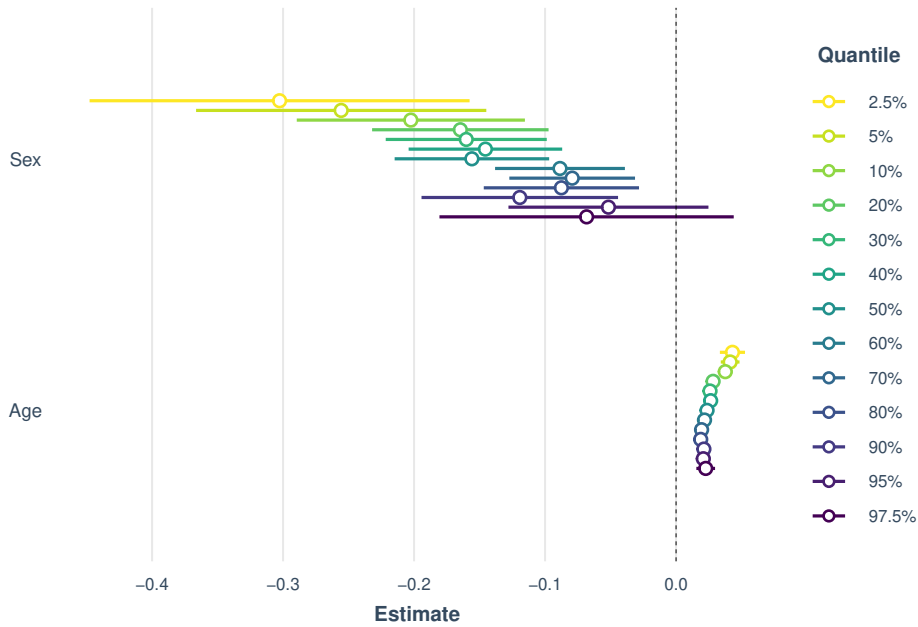
During the preparation of this work, the author(s) used ChatGPT-4 in order to assist with text refinement and improving readability. After using this tool, the author(s) reviewed and edited the content as needed and take(s) full responsibility for the content of the published article.

A Supplementary Materials

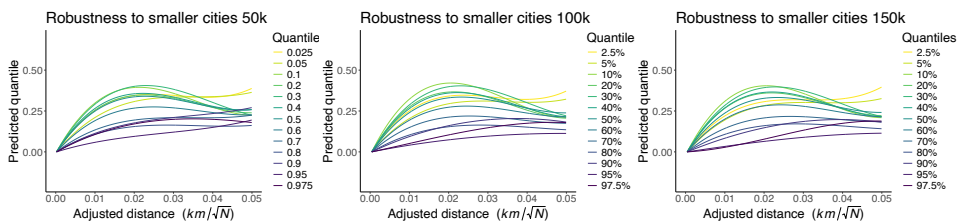
In left side of Figure S1, we show all quantiles as a function of adjusted distance with the histogram of Figure 5 as the marginal plot on the y-axis.



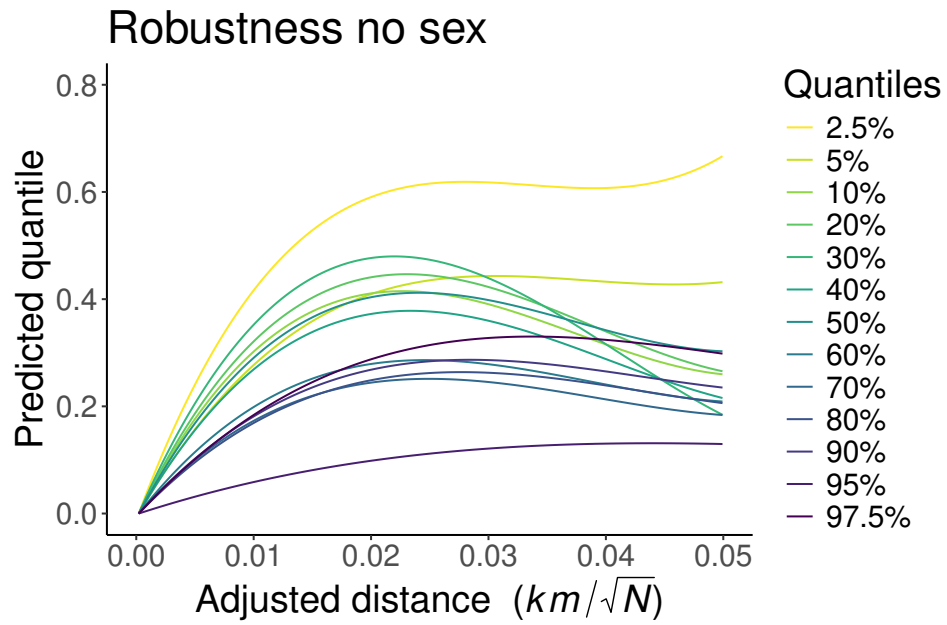
Supplementary Figure S1: Predicted 2.5%, 50%, and 97.5% quantiles as a function of adjusted distance.



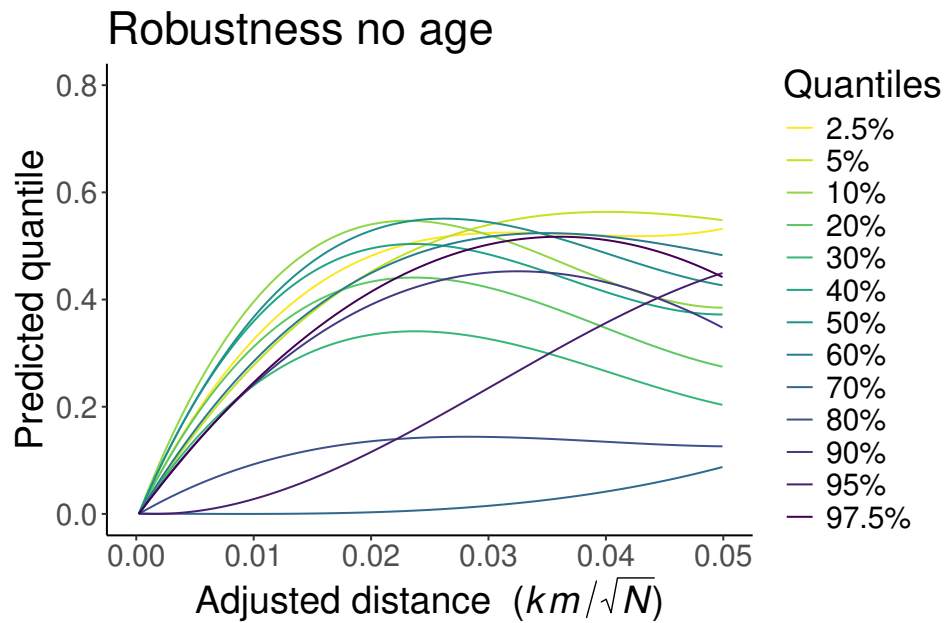
Supplementary Figure S2: Estimated coefficients for 13 quantiles with 95% confidence intervals. Sex show the linear effect of sex on the quantiles, while age shows the linear effect of age. A negative effect of sex means that quantiles are lower for men, while the positive effect of age shows that quantiles increase with age.



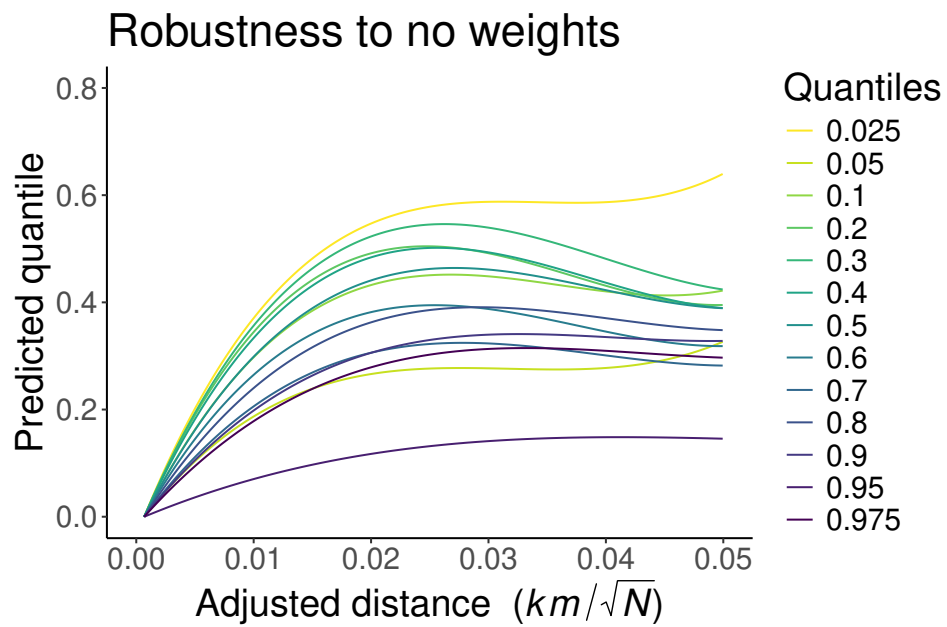
Supplementary Figure S3: Results when including city centers of cities with more than 50k, 100k, and 150k inhabitants. The main analysis uses a minimum criterion of 200k.



Supplementary Figure S4: Results when the analysis is run without controlling for sex.



Supplementary Figure S5: Results when the analysis is run without controlling for age.



Supplementary Figure S6: Results when the analysis is run without participant weights.