**The Allocation of Food to Food Banks**

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The replication package contains the following files and programs:

1. data/yellowpounds.csv = Total yellow pounds data for 2000 to 2004.

2. data/bidding.csv, data/bidding.rds = Bidding data for all food banks from 2005 to 2011.

3. data/bidding\_posloads.csv = Positive loads data for all food banks from 2002 to 2011.

4. data/pounds.csv = Annual loads data for each food bank.

5. data/auction.rds = Data for auctions from 2005 to 2014 which contains bidder data.

6. data/weightwatchersnutrition.csv = Nutrition calculation from Weight Watchers data

7. prog/tab{1, 2, 3, 4}.R = The programs used for Tables 1, 2, 3, and 4.

8. prog/fig{1, 2, 3, 4, 5}.R = The programs used for Figures 1, 2, 3, 4, and 5.

9. data/locchoicemembers.csv = Addresses of food banks used for geocoding.

10. data/locwarehouses.csv = Addresses of warehouses used for geocoding.

11. prog/distancearcgis.py = The program used to compute distance using the ArcGIS mapping platform.

12. {simulation.zip, prog/aggsimulation.R} = The program used to do the counterfactual of how far they would have traveled if the old algorithm has continued to be used.

13. prog/welfare.R = The code used for dispersion measures A\_p and A\_t on pages 13 and 14, as well as welfare gains in equation 2 and for the permanent version of it on the next page.