

Supplement to Reservation Nonemployer and Employer Establishments

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Note: Any opinions and conclusions expressed herein are those of the authors and do not necessarily represent the views of the U.S. Census Bureau. All results have been reviewed to ensure that no confidential information is disclosed.

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In a closely related working paper called “Reservation Nonemployer and Employer Establishments: Data from U.S. Census Longitudinal Business Databases,” Akee, Mykerezi, and Todd (2018) describe the nonemployer segment of the reservation economy, in terms of per capita nonemployer establishment counts and the per capita revenue generated by reservation nonemployer establishments, as compared to the economy of nearby county areas. Regressions that relate these two per capita outcomes (number of establishments and revenue) to population level, a reservation dummy variable, and in some cases additional control variables are used to show how reservation versus county differences vary with the level of population. The statistical significance of these differences is assessed by computing distributions of reservation versus county outcomes based on multiple random draws of reservation and county regression equation coefficients, using the estimated variance-covariance matrices of the regression coefficients. However, Akee, Mykerezi, and Todd 2018 do not give full documentation of either their estimated coefficients and variance-covariance matrices or the reservation versus county differences in establishment and job numbers. This supplement to their work provides a more complete list of their regression results as well as a complete graphical summary of how the reservation-versus-county differences in nonemployer establishment numbers and revenue implied by these regressions vary with population levels.

Appendix 1 below lists the regression coefficients, variance-covariance matrices, and other regression statistics for both nonemployer establishment counts and revenue in the 17 separate industrial sectors shown in Table 1. For each sector and for both establishments and revenue, we provide two regression specifications—weighted least squares (WLS) for two different sets of right-hand side variables. This results in 68 tables of regression results (17x2x2). The regression output tables are grouped by sector in the order shown in Table 1, and within each sector we first show results for the two specifications of establishments per capita and then results for the two specifications of revenue per capita. For both establishments and revenue per capital, the first and most parsimonious specification whose results are shown corresponds to the following regression:

Equation 1:

$$\left(\frac{E}{P}\right)_i = \alpha + \beta_1 Population_i + \beta_2 Population_i^2 + \beta_3 Reservation_i + \beta_4 (Reservation_i \times Population_i) + \beta_5 (Reservation_i \times Population_i^2) + \varepsilon_i$$

The outcome variable $(E/P)_i$ is either establishments or revenue per capita for the i^{th} area (a reservation or one of the included “county complement” areas described in Akee, Mykerezi, and Todd 2017) in 2010. We conduct this analysis separately for each of our 17 two-digit NAICS categories. There is a common intercept term included in the model. The variable Reservation equals 1 if the observation is

an American Indian reservation and is 0 if it is a county area. To allow for a nonlinear relationship between P and E, we include a simple count of population for the geographic unit as well as its squared term in the regression, and we interact the reservation indicator variable with these two population measures. This full set of interaction terms allows counties and reservations to have fully independent E-P relationships. The random variable ε_i represents the error term. The first regression specification in the tables below includes only these variables and is referred to as the 6-variable regression. In the tables' column headers, P stands for population and R for the reservation dummy variable.

We also estimate a specification that includes additional control variables—population density (square miles of land area per person), a dummy variable for “rural” location that is based on the U.S. Department of Agriculture’s Rural-Urban Continuum Codes for 2013, per capita income, the poverty rate, and the percentage of the population 25 years old or older with a bachelor’s degree. See Akee, Mykerezi, and Todd 2017 for detailed definitions of these variables.

Appendix 2 uses the fitted coefficients and variance-covariance matrices in Appendix 1 to graph how the fitted distributions of reservation and county establishment and job numbers vary with local area population levels. For further information, see the discussion of Tables 6-9 and Figures 10 and 11 in Akee, Mykerezi, and Todd (2018). As in Appendix 1, the results are shown by sector, first for nonemployer establishment counts and then for revenue. Results are shown for the 6- and 11-variable models but only for Akee, Mykerezi, and Todd’s (2017) preferred WLS specification. Two different views are included, one showing the distributions of both the reservation and county area numbers and one showing the distribution of their difference (“gap”), or county number minus reservation number.

Table 1: Establishment Overview by Industry

Industry	NAICS code(s)
Agriculture, Forestry, Fishing and Hunting (Ag/Forestry/Fishing/Hunting)	11
Mining, Quarrying, and Oil and Gas Extraction (Mining)	21
Utilities	22
Construction	23
Manufacturing	31, 32, 33
Wholesale Trade	42
Retail Trade	44, 45
Transportation and Warehousing	48, 49
Information	51
Finance and Insurance AND Real Estate and Rental and Leasing (Finance)	52, 53
Professional, Scientific, and Technical Services (Prof/Sci/Tech)	54
Management of Companies and Enterprises; Administrative and Support; and Waste Management and Remediation Services (Mgmt/Admin/Waste)	55, 56
Educational Services	61
Health Care and Social Assistance (Health/Social)	62
Arts, Entertainment, and Recreation (Arts/Entertainment/Recreation)	71
Accommodation and Food Services	72
Other Services (except Public Administration) (Other)	81

References

Akee, Randall, Elton Mykerezi, and Richard M. Todd. 2017. “Reservation Employer Establishments: Data from the U.S. Census Longitudinal Business Data Set.” Federal Reserve Bank of Minneapolis, Center for Indian Country Development Working Paper 2017-02.

Akee, Randall, Elton Mykerezi, and Richard M. Todd. 2018. “Reservation Nonemployer and Employer Establishments: Data from U.S. Census Longitudinal Business Databases.” Federal Reserve Bank of Minneapolis, Center for Indian Country Development Working Paper 2018-1.

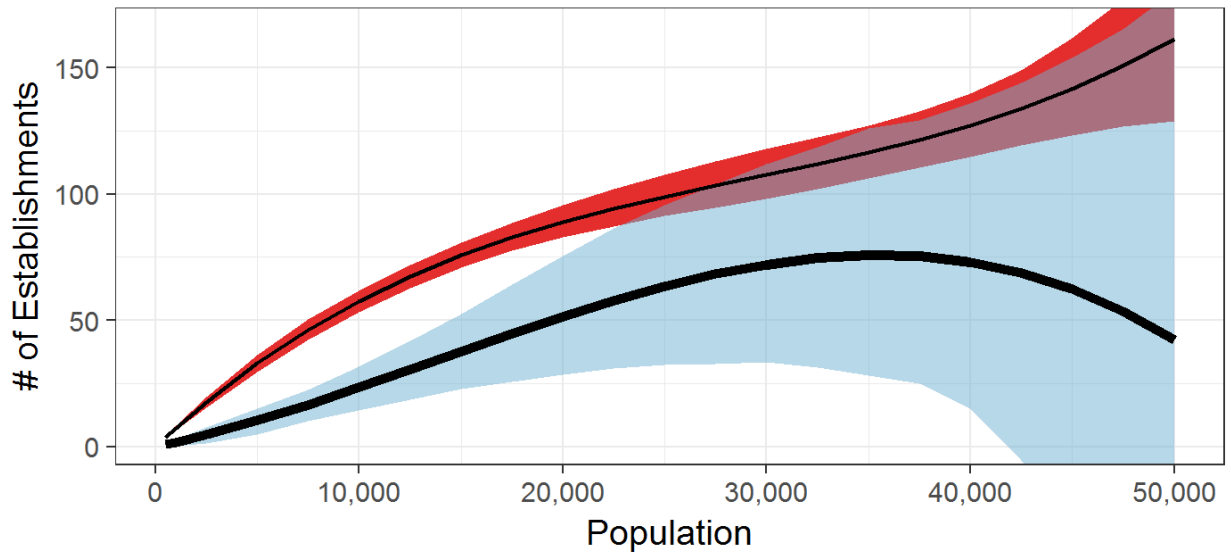
6-Variable WLS Regression Results for Number of Establishments—Professional, Scientific, and Technical Services												
Variable:	Intercept	P (1000s)	P*P	R	R*P	R*P*P						
Fitted Coefficients:	6.333E-03	-2.009E-08	8.804E-13	-3.944E-03	3.144E-07	-5.140E-12						
Std. Error:	5.957E-04	4.833E-08	8.668E-13	1.139E-03	1.238E-07	2.501E-12						
T Statistic:	1.063E+01	-4.156E-01	1.016E+00	-3.462E+00	2.540E+00	-2.055E+00						
P-value	9.391E-25	6.778E-01	3.101E-01	5.658E-04	1.127E-02	4.020E-02						
Lower 95% Bound	5.164E-03	-1.150E-07	-8.210E-13	-6.181E-03	7.144E-08	-1.005E-11						
Upper 95% Bound	7.503E-03	7.479E-08	2.582E-12	-1.708E-03	5.574E-07	-2.304E-13						
R-Squared	3.55E-02											
11-Variable WLS Regression Results for Number of Establishments—Professional, Scientific, and Technical Services												
Variable:	Intercept	P (1000s)	P*P	R	R*P	R*P*P	SqMi/Person	Rural	PerCapInc	PovertyRate	%Bdgr	
Fitted Coefficients:	-1.151E-02	7.272E-08	-8.326E-13	-1.831E-04	-5.334E-08	7.961E-13	5.630E-04	1.310E-03	3.798E-07	1.561E-02	4.007E-02	
Std. Error:	1.054E-03	3.721E-08	6.410E-13	8.980E-04	8.682E-08	1.741E-12	8.535E-04	2.443E-04	3.267E-08	2.471E-03	2.523E-03	
T Statistic:	-1.092E+01	1.954E+00	-1.299E+00	-2.039E-01	-6.143E-01	4.574E-01	6.597E-01	5.362E+00	1.163E+01	6.316E+00	1.589E+01	
P-value	6.261E-26	5.102E-02	1.944E-01	8.385E-01	5.392E-01	6.475E-01	5.097E-01	1.084E-07	6.258E-29	4.496E-10	1.927E-49	
Lower 95% Bound	-1.357E-02	-3.220E-10	-2.091E-12	-1.946E-03	-2.238E-07	-2.621E-12	-1.112E-03	8.305E-04	3.157E-07	1.076E-02	3.512E-02	
Upper 95% Bound	-9.437E-03	1.458E-07	4.257E-13	1.580E-03	1.171E-07	4.213E-12	2.238E-03	1.790E-03	4.440E-07	2.046E-02	4.502E-02	
R-Squared	5.641E-01											
6-Variable WLS Regression Results for Aggregate Revenue—Professional, Scientific, and Technical Services												
Variable:	Intercept	P (1000s)	P*P	R	R*P	R*P*P						
Fitted Coefficients:	3.888E-01	-1.198E-05	2.086E-10	-3.593E-01	2.777E-05	-4.247E-10						
Std. Error:	1.346E-01	1.092E-05	1.958E-10	2.574E-01	2.796E-05	5.650E-10						
T Statistic:	2.889E+00	-1.097E+00	1.065E+00	-1.396E+00	9.931E-01	-7.518E-01						
P-value	3.975E-03	2.730E-01	2.871E-01	1.632E-01	3.210E-01	4.524E-01						
Lower 95% Bound	1.246E-01	-3.341E-05	-1.758E-10	-8.645E-01	-2.712E-05	-1.534E-09						
Upper 95% Bound	6.530E-01	9.457E-06	5.930E-10	1.460E-01	8.266E-05	6.843E-10						
R-Squared	3.006E-03											
11-Variable WLS Regression Results for Aggregate Revenue—Professional, Scientific, and Technical Services												
Variable:	Intercept	P (1000s)	P*P	R	R*P	R*P*P	SqMi/Person	Rural	PerCapInc	PovertyRate	%Bdgr	
Fitted Coefficients:	-6.410E-01	-1.211E-05	1.840E-10	-2.626E-01	1.390E-05	-1.931E-10	-2.761E-01	8.696E-02	3.107E-05	1.183E+00	1.186E+00	
Std. Error:	3.486E-01	1.231E-05	2.121E-10	2.971E-01	2.872E-05	5.759E-10	2.824E-01	8.083E-02	1.081E-05	8.174E-01	8.345E-01	
T Statistic:	-1.839E+00	-9.836E-01	8.678E-01	-8.838E-01	4.839E-01	-3.353E-01	-9.780E-01	1.076E+00	2.874E+00	1.448E+00	1.421E+00	
P-value	6.631E-02	3.256E-01	3.858E-01	3.771E-01	6.286E-01	7.375E-01	3.284E-01	2.823E-01	4.157E-03	1.481E-01	1.558E-01	
Lower 95% Bound	-1.325E+00	-3.627E-05	-2.323E-10	-8.457E-01	-4.248E-05	-1.324E-09	-8.304E-01	-7.170E-02	9.851E-06	-4.211E-01	-4.527E-01	
Upper 95% Bound	4.325E-02	1.206E-05	6.003E-10	3.206E-01	7.028E-05	9.373E-10	2.781E-01	2.456E-01	5.228E-05	2.788E+00	2.824E+00	
R-Squared	3.380E-02											
6-Variable WLS Regression Results for Aggregate Revenue—Professional, Scientific, and Technical Services												
Variable:	Intercept	P (1000s)	P*P	R	R*P	R*P*P						
Fitted Coefficients:	1.811E-02	-1.355E-06	2.190E-11	-1.811E-02	1.355E-06	-2.190E-11						
Std. Error:	1.811E-02	-1.355E-06	2.190E-11	-1.811E-02	1.355E-06	-2.190E-11						
T Statistic:	1.000E+00	-1.000E+00	1.000E+00	-1.000E+00	1.000E+00	-1.000E+00						
P-value	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00						
Lower 95% Bound	1.811E-02	-1.355E-06	2.190E-11	-1.811E-02	1.355E-06	-2.190E-11						
Upper 95% Bound	1.811E-02	-1.355E-06	2.190E-11	-1.811E-02	1.355E-06	-2.190E-11						
R-Squared	0.000E+00											

6-Variable WLS Regression Results for Number of Establishments—Other												
Variable:	Intercept	P (1000s)	P*P	R	R*P	R*P*P						
Fitted Coefficients:	1.247E-02	-9.177E-08	6.386E-13	-9.640E-03	4.922E-07	-6.914E-12						
Std. Error:	5.156E-04	4.183E-08	7.502E-13	9.861E-04	1.071E-07	2.165E-12						
T Statistic:	2.418E+01	-2.194E+00	8.512E-01	-9.776E+00	4.594E+00	-3.194E+00						
P-value	5.524E-97	2.854E-02	3.949E-01	2.234E-21	5.053E-06	1.458E-03						
Lower 95% Bound	1.146E-02	-1.739E-07	-8.341E-13	-1.158E-02	2.819E-07	-1.116E-11						
Upper 95% Bound	1.348E-02	-9.656E-09	2.111E-12	-7.705E-03	7.025E-07	-2.665E-12						
R-Squared	1.69E-01											
11-Variable WLS Regression Results for Number of Establishments—Other												
Variable:	Intercept	P (1000s)	P*P	R	R*P	R*P*P	SqMi/Person	Rural	PerCapInc	PovertyRate	%Bdegr	
Fitted Coefficients:	9.188E-03	-8.230E-08	3.956E-13	-7.537E-03	3.970E-07	-5.320E-12	-1.511E-03	1.461E-03	7.262E-08	-3.731E-03	6.648E-03	
Std. Error:	1.308E-03	4.621E-08	7.960E-13	1.115E-03	1.078E-07	2.162E-12	1.060E-03	3.034E-04	4.057E-08	3.068E-03	3.133E-03	
T Statistic:	7.021E+00	-1.781E+00	4.969E-01	-6.758E+00	3.682E+00	-2.461E+00	-1.426E+00	4.815E+00	1.790E+00	-1.216E+00	2.122E+00	
P-value	4.780E-12	7.530E-02	6.194E-01	2.733E-11	2.472E-04	1.406E-02	1.542E-01	1.766E-06	7.383E-02	2.244E-01	3.413E-02	
Lower 95% Bound	6.619E-03	-1.730E-07	-1.167E-12	-9.726E-03	1.854E-07	-9.564E-12	-3.592E-03	8.654E-04	-7.016E-09	-9.754E-03	4.988E-04	
Upper 95% Bound	1.176E-02	8.409E-09	1.958E-12	-5.348E-03	6.087E-07	-1.077E-12	5.691E-04	2.057E-03	2.292E-03	-2.242E-03	1.280E-02	
R-Squared	2.272E-01											
6-Variable WLS Regression Results for Aggregate Revenue—Other												
Variable:	Intercept	P (1000s)	P*P	R	R*P	R*P*P						
Fitted Coefficients:	4.107E-01	-9.424E-06	1.370E-10	-3.464E-01	1.821E-05	-2.611E-10						
Std. Error:	2.951E-02	2.394E-06	4.293E-11	5.643E-02	6.131E-06	1.239E-10						
T Statistic:	1.392E+01	-3.937E+00	3.191E+00	-6.139E+00	2.970E+00	-2.108E+00						
P-value	1.633E-39	8.999E-05	1.477E-03	1.314E-09	3.065E-03	3.532E-02						
Lower 95% Bound	3.527E-01	-1.412E-05	5.270E-11	-4.572E-01	6.176E-06	-5.043E-10						
Upper 95% Bound	4.686E-01	-4.724E-06	2.212E-10	-2.357E-01	3.024E-05	-1.800E-11						
R-Squared	6.825E-02											
11-Variable WLS Regression Results for Aggregate Revenue—Other												
Variable:	Intercept	P (1000s)	P*P	R	R*P	R*P*P	SqMi/Person	Rural	PerCapInc	PovertyRate	%Bdegr	
Fitted Coefficients:	1.632E-01	-5.784E-06	7.867E-11	-2.224E-01	1.034E-05	-1.382E-10	9.727E-02	3.739E-02	5.356E-06	-4.422E-02	3.326E-01	
Std. Error:	7.580E-02	2.677E-06	4.611E-11	6.460E-02	6.246E-06	1.252E-10	6.140E-02	1.758E-02	2.350E-06	1.777E-01	1.815E-01	
T Statistic:	2.153E+00	-2.161E+00	1.706E+00	-3.443E+00	1.655E+00	-1.104E+00	1.584E+00	2.128E+00	2.279E+00	-2.488E-01	1.833E+00	
P-value	3.163E-02	3.102E-02	8.841E-02	6.052E-04	9.826E-02	2.699E-01	1.135E-01	3.368E-02	2.292E-02	8.036E-01	6.722E-02	
Lower 95% Bound	1.439E-02	-1.104E-05	-1.185E-11	-3.493E-01	-1.922E-06	-3.841E-10	-2.325E-02	2.892E-03	7.432E-07	-3.931E-01	-2.364E-02	
Upper 95% Bound	3.120E-01	-5.294E-07	1.692E-10	-9.563E-02	2.260E-05	1.076E-10	2.178E-01	7.190E-02	9.970E-06	3.047E-01	6.888E-01	
R-Squared	1.117E-01											
6-Variable WLS Regression Results for Aggregate Revenue—Other												
Variable:	Intercept	P (1000s)	P*P	R	R*P	R*P*P						
Fitted Coefficients:	5.746E-03	-9.896E-08	1.614E-12	-5.948E-04	1.366E-07	-2.598E-12	-1.145E-03	-3.555E-04	-1.383E-07	-9.182E-03	1.013E-03	
Std. Error:	9.896E-08	7.165E-12	-1.205E-16	9.037E-08	-7.523E-12	1.290E-16	7.596E-08	2.449E-09	4.870E-13	-2.076E-08	-2.827E-08	
T Statistic:	1.614E-12	-1.205E-16	2.126E-21	-1.416E-12	1.264E-16	-2.259E-21	-1.090E-12	-3.992E-14	-1.024E-17	2.000E-13	5.093E-13	
P-value	5.948E-04	9.037E-08	-1.416E-12	4.173E-03	-3.131E-07	5.182E-12	1.081E-03	1.405E-04	-1.633E-08	-4.361E-03	1.984E-04	
Lower 95% Bound	1.366E-07	-7.523E-12	1.264E-16	-3.131E-07	3.901E-11	-7.502E-16	-8.340E-08	-1.067E-08	-1.230E-12	-5.568E-09	-1.533E-08	
Upper 95% Bound	-2.598E-12	1.290E-16	-2.259E-21	5.182E-12	-7.502E-16	1.568E-20	1.334E-12	2.807E-13	2.692E-17	1.307E-12	2.708E-13	
R-Squared	-1.145E-03	7.596E-08	-1.090E-12	1.081E-03	-8.340E-08	1.334E-12	3.770E-03	-8.920E-05	-1.294E-10	-7.990E-04	-4.387E-04	
Lower 95% Bound	-3.555E-04	2.449E-09	-3.992E-14	1.405E-04	-1.067E-08	2.807E-13	-8.920E-05	3.089E-04	3.887E-09	-9.597E-05	-4.488E-05	
Upper 95% Bound	-1.383E-07	4.870E-13	-1.024E-17	-1.633E-08	-1.230E-12	2.692E-17	-1.294E-10	3.887E-09	5.523E-12	2.746E-07	-2.078E-07	
R-Squared	-9.182E-03	-2.076E-08	2.000E-13	-4.361E-03	-5.568E-09	1.307E-12	-7.990E-04	-9.597E-05	2.746E-07	3.159E-02	-9.357E-04	
R-Squared	1.013E-03	-2.827E-08	5.093E-13	1.984E-04	-1.533E-08	2.708E-13	-4.387E-04	-4.488E-05	-2.078E-07	-9.357E-04	3.293E-02	

Appendix 2: Nonemployer Establishment and Revenue Distributions by Population

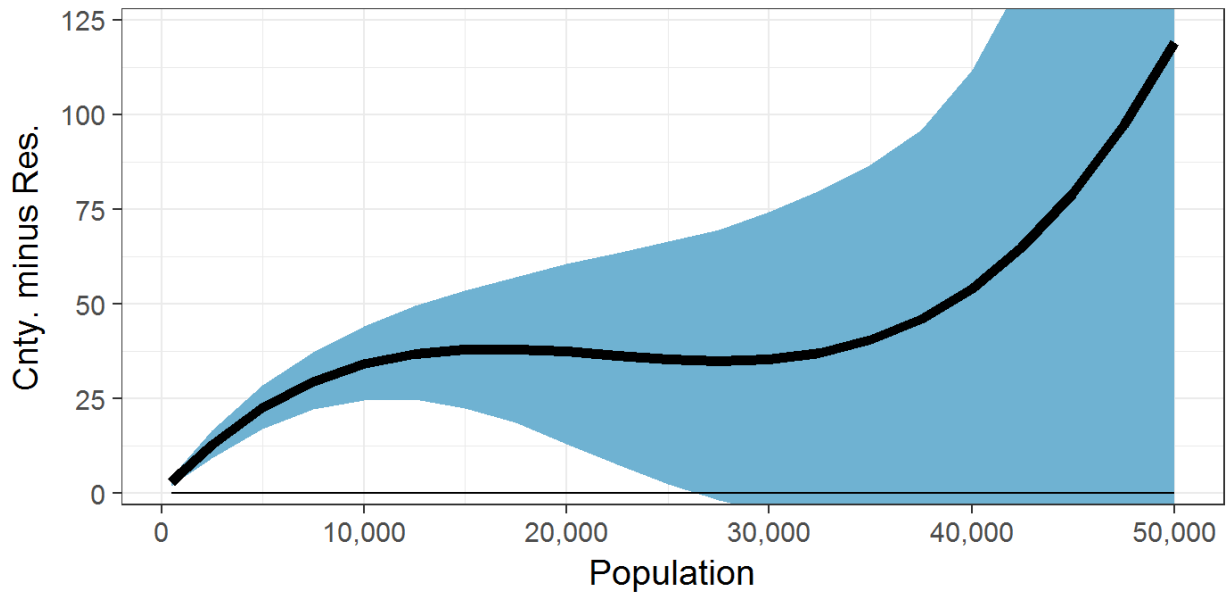
Ag/ForestryFishing/Hunting Estbs. (6-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



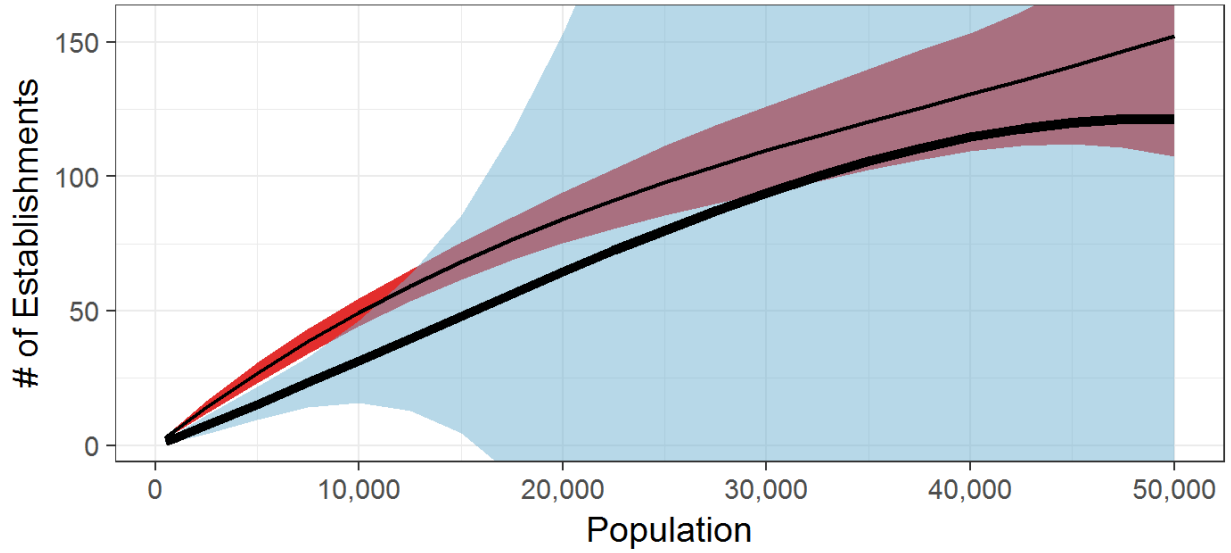
Ag/ForestryFishing/Hunting Estbs. Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



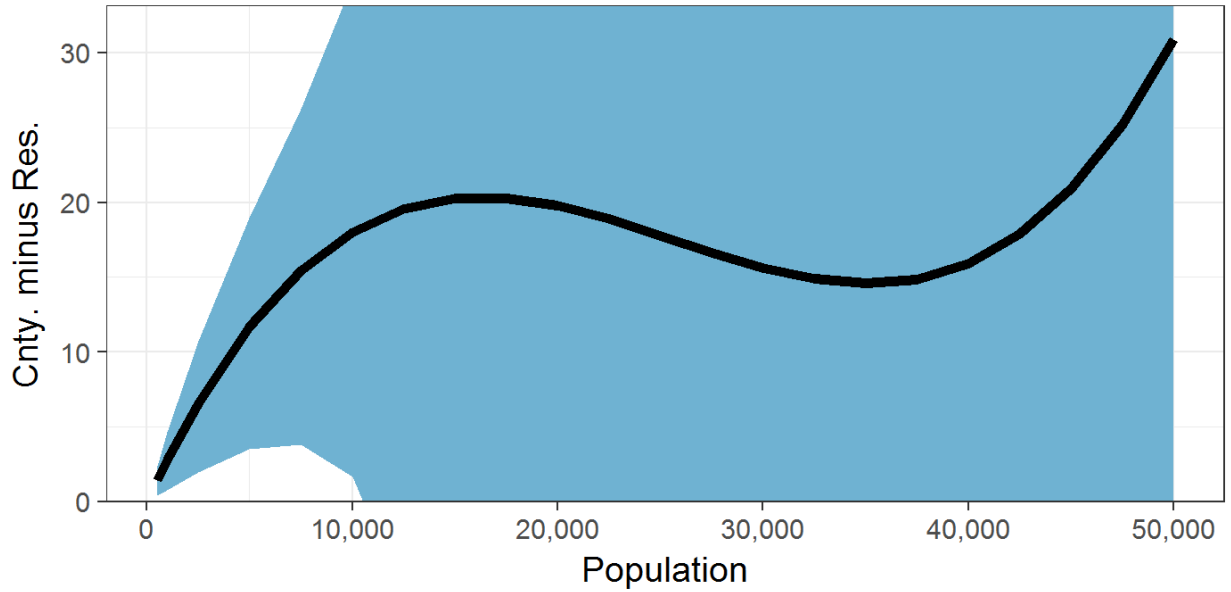
Ag/ForestryFishing/Hunting Estbs. (11-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



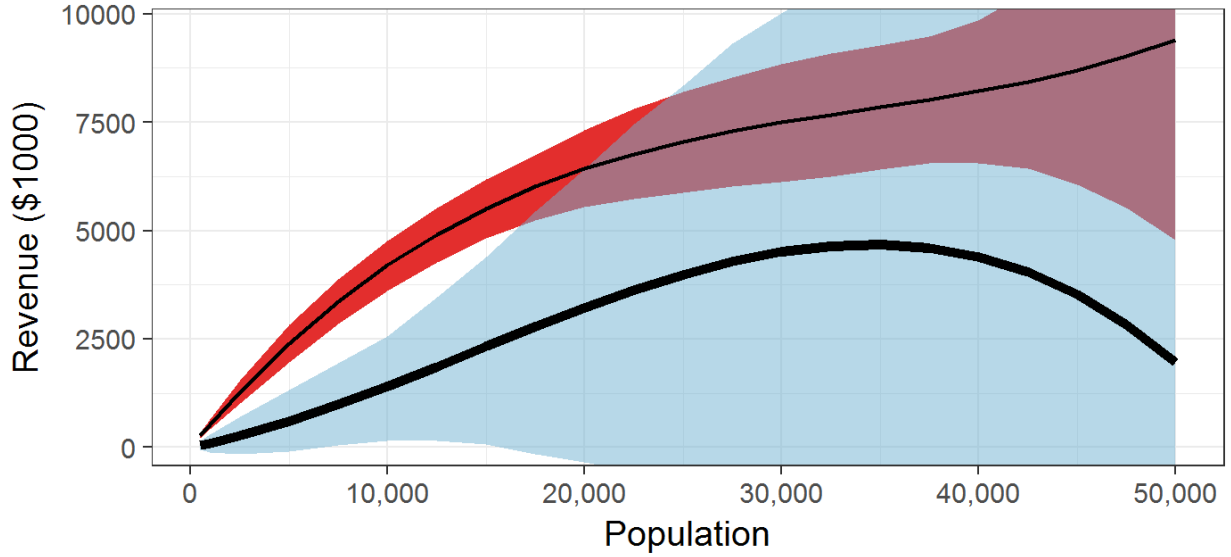
Ag/ForestryFishing/Hunting Estbs. Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



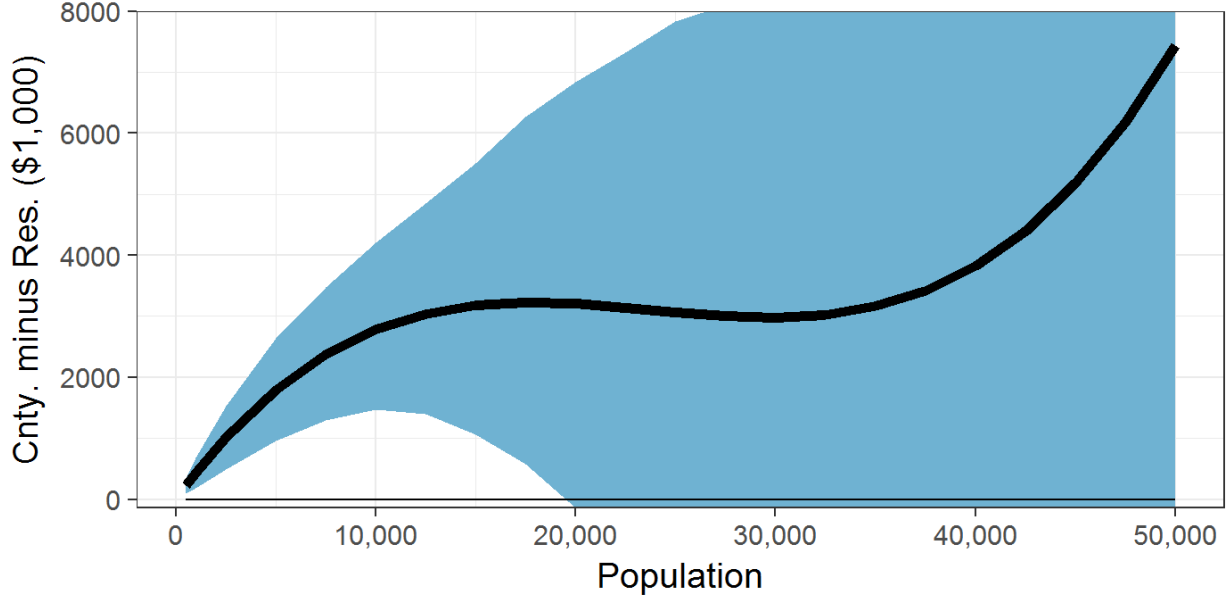
Ag/ForestryFishing/Hunting Revenue (6-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



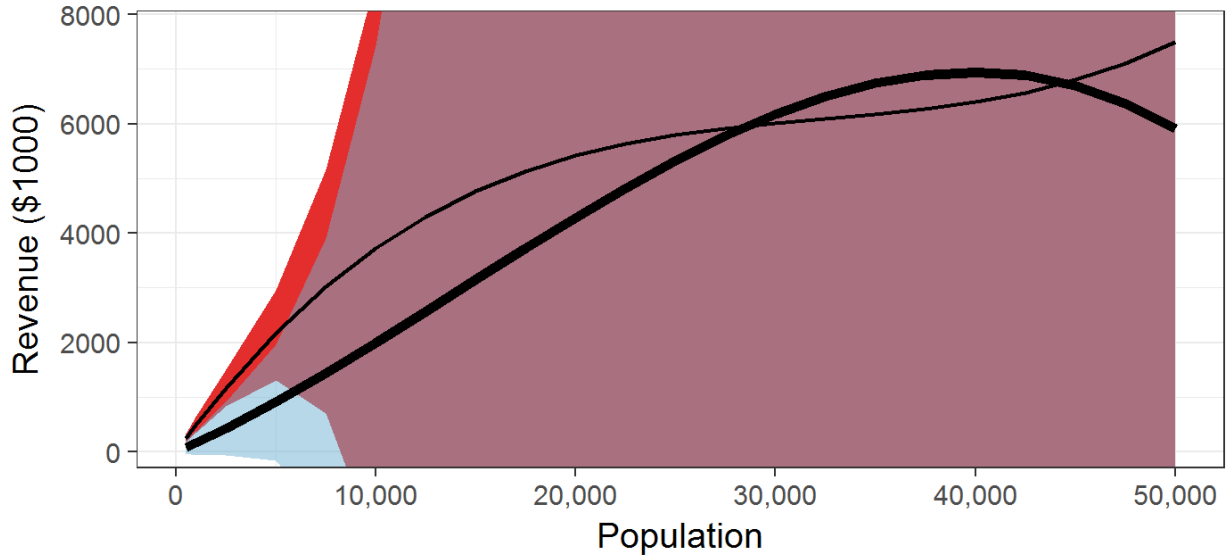
Ag/ForestryFishing/Hunting Revenue Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



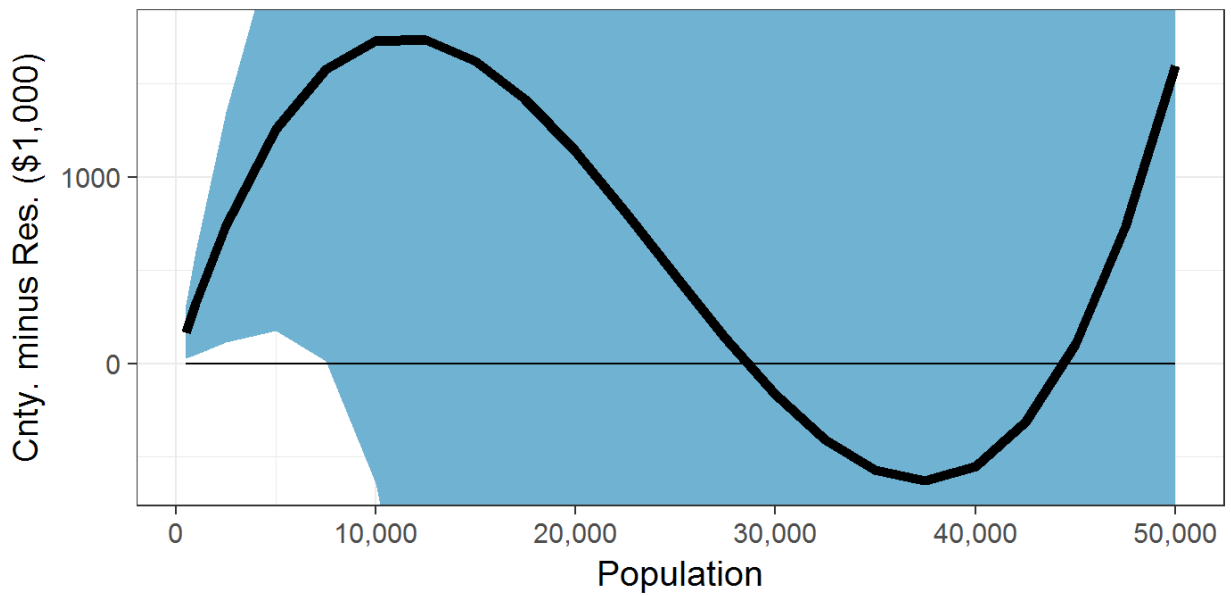
Ag/Forestry/Fishing/Hunting Revenue (11-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



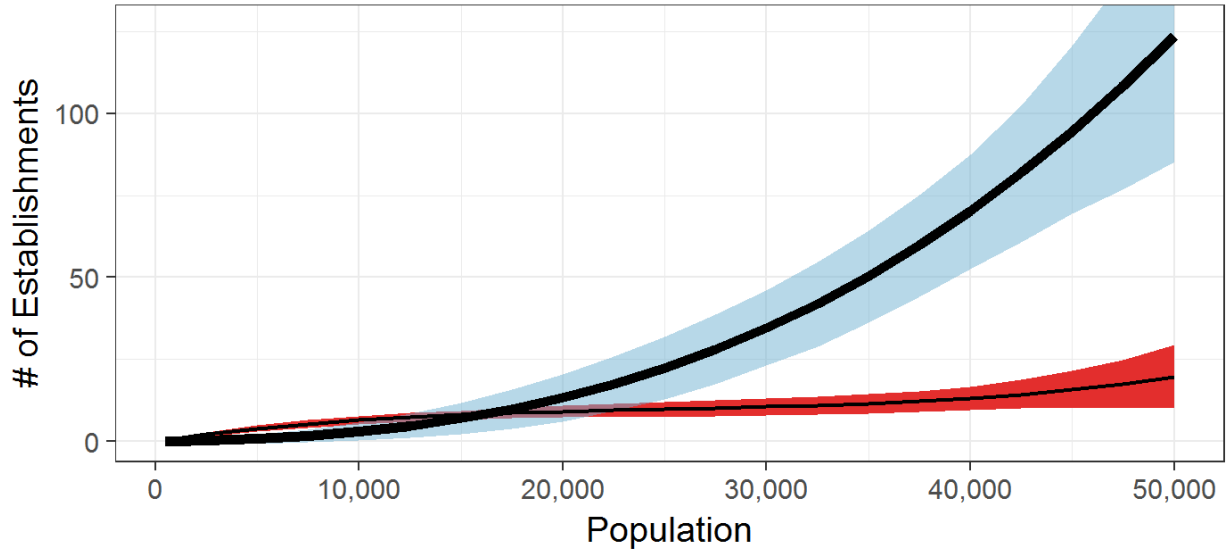
Ag/Forestry/Fishing/Hunting Revenue Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



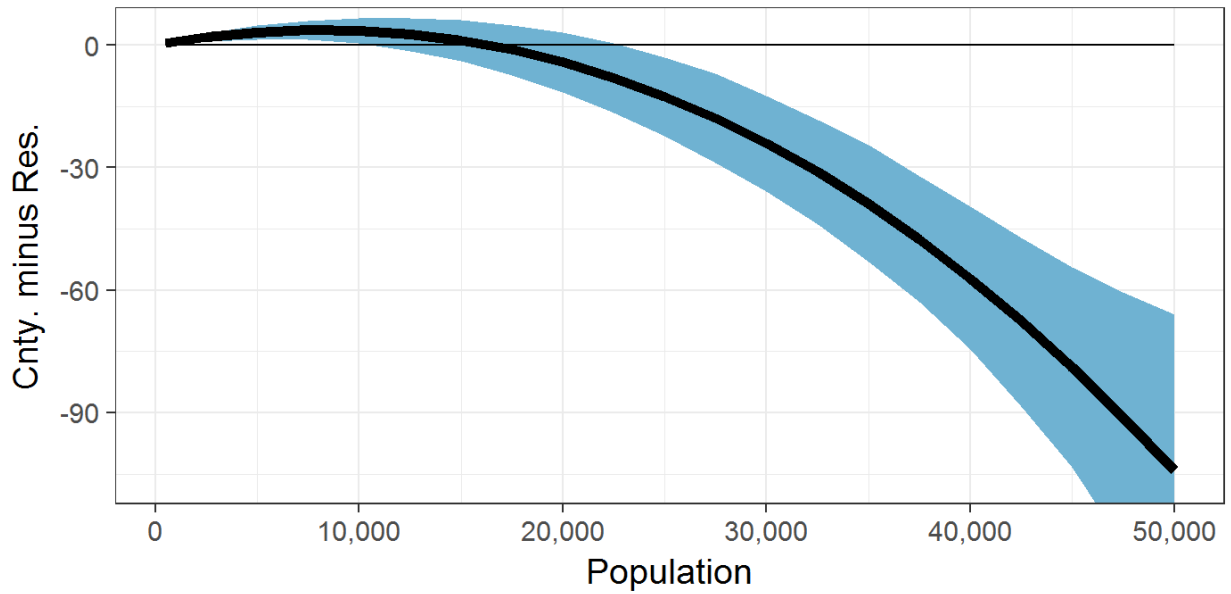
Mining Estbs. (6-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



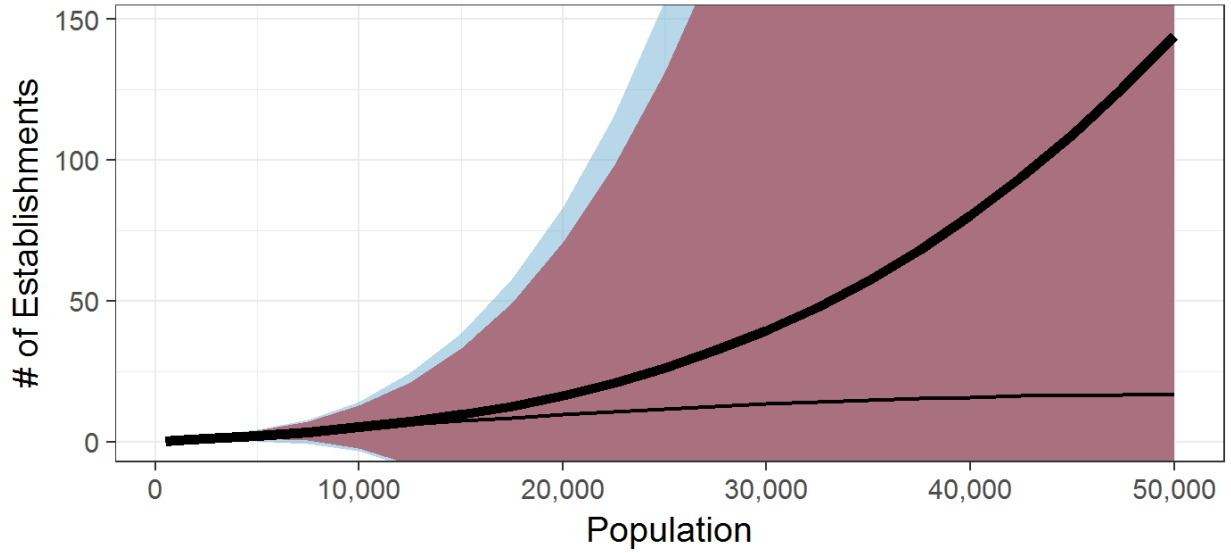
Mining Estbs. Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



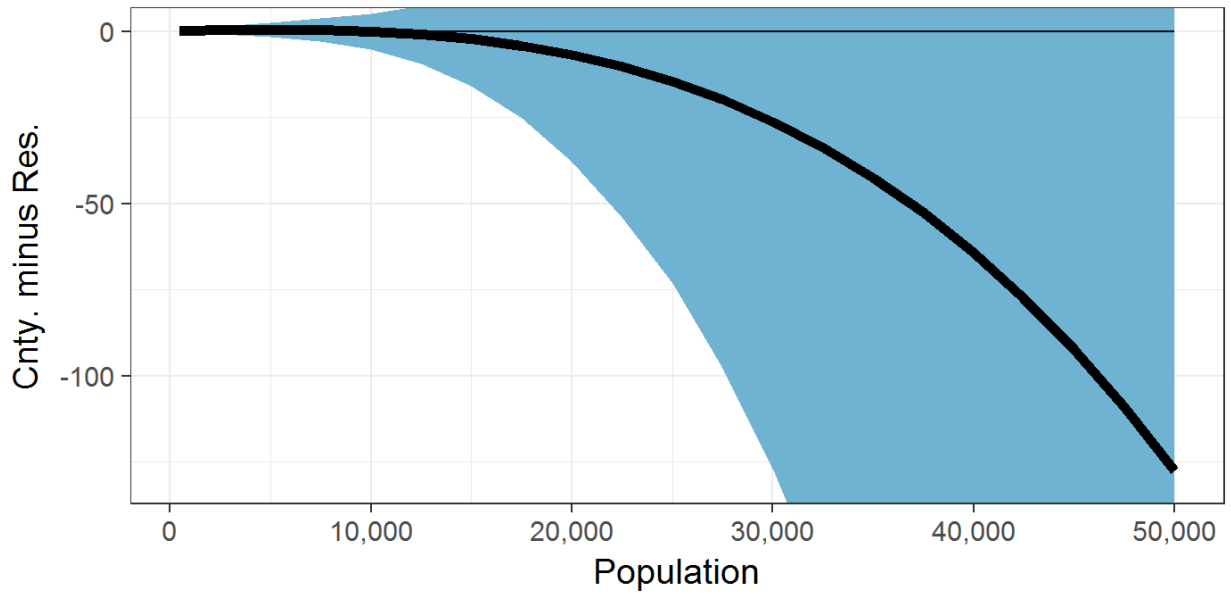
Mining Estbs. (11-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



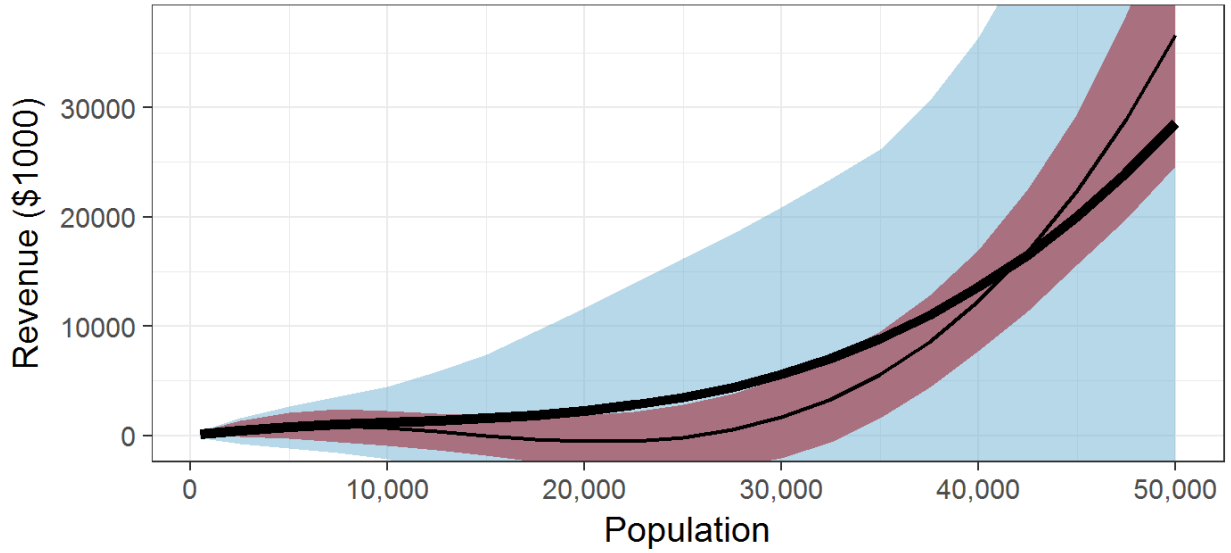
Mining Estbs. Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



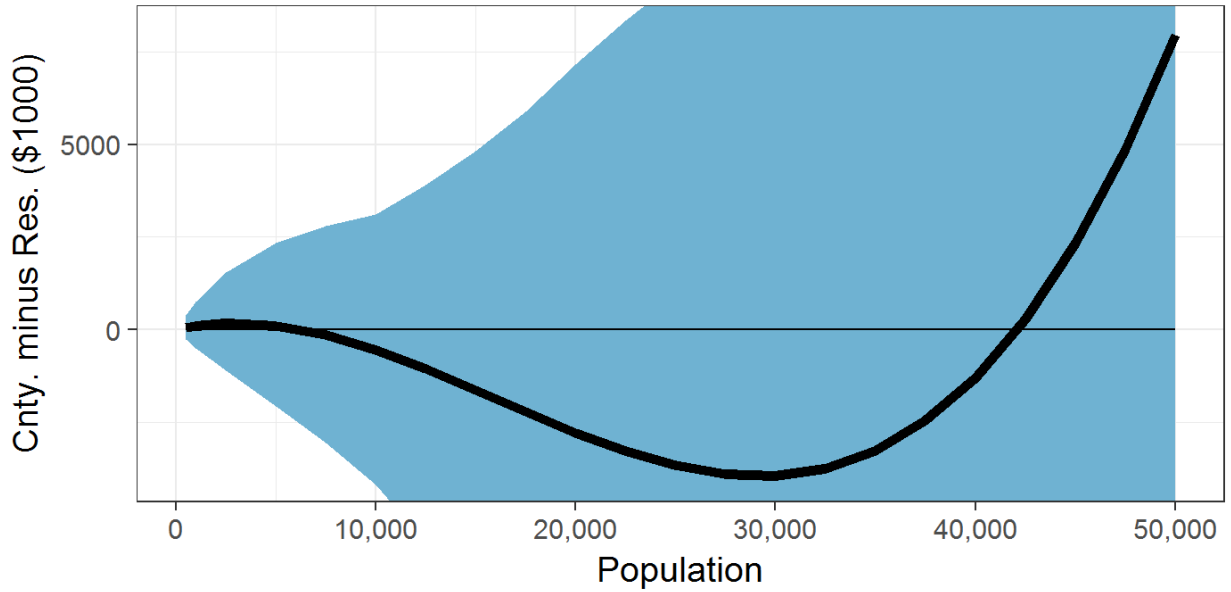
Mining Revenue (6-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



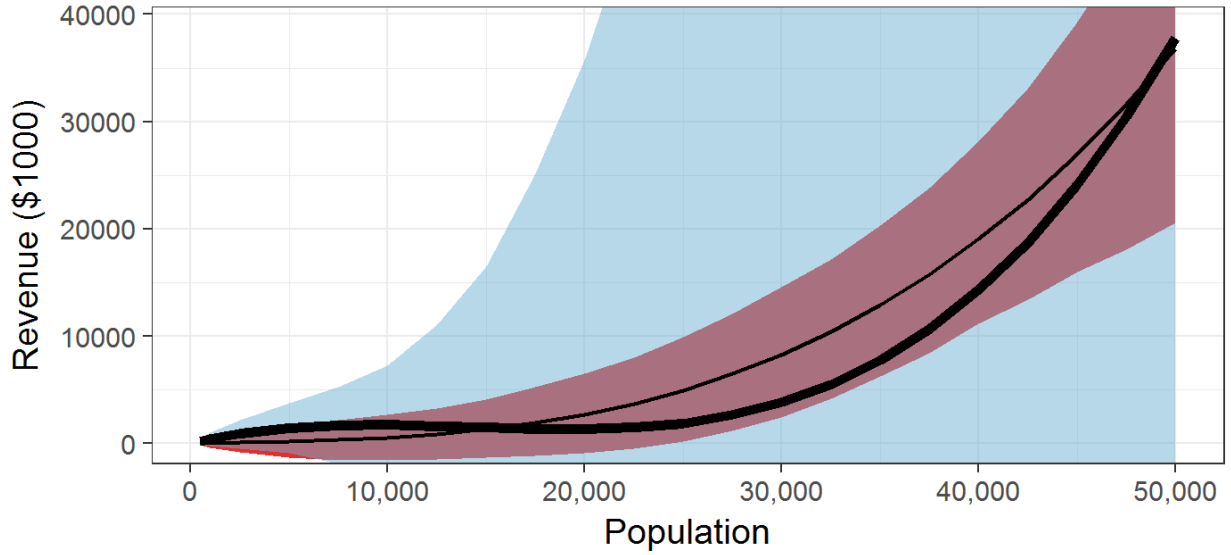
Mining Revenue Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



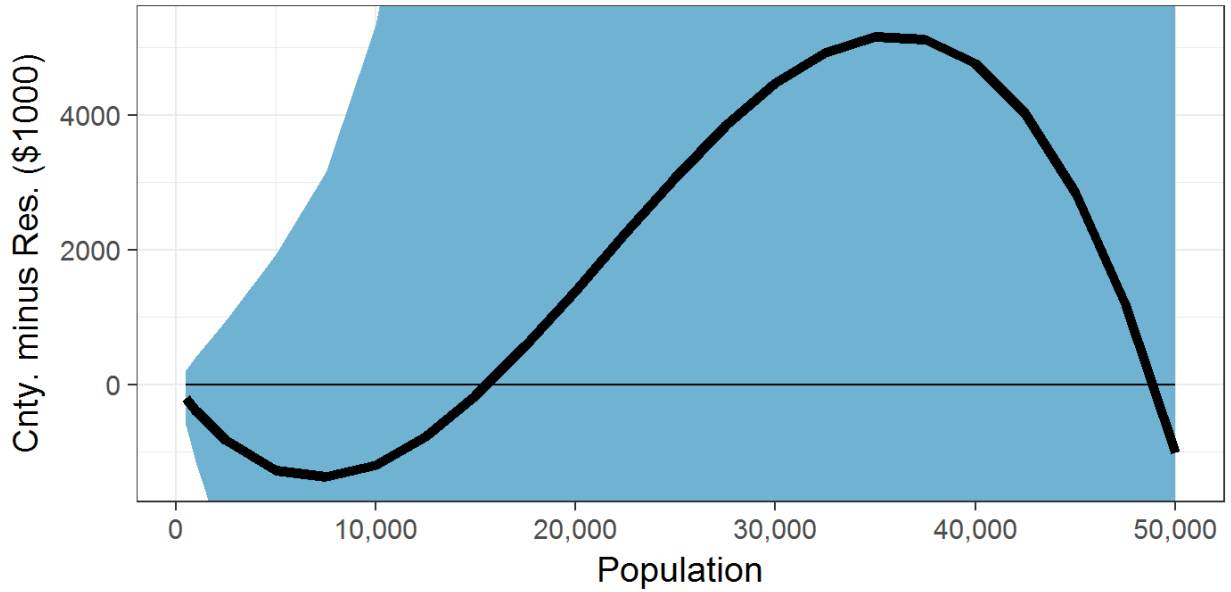
Mining Revenue (11-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



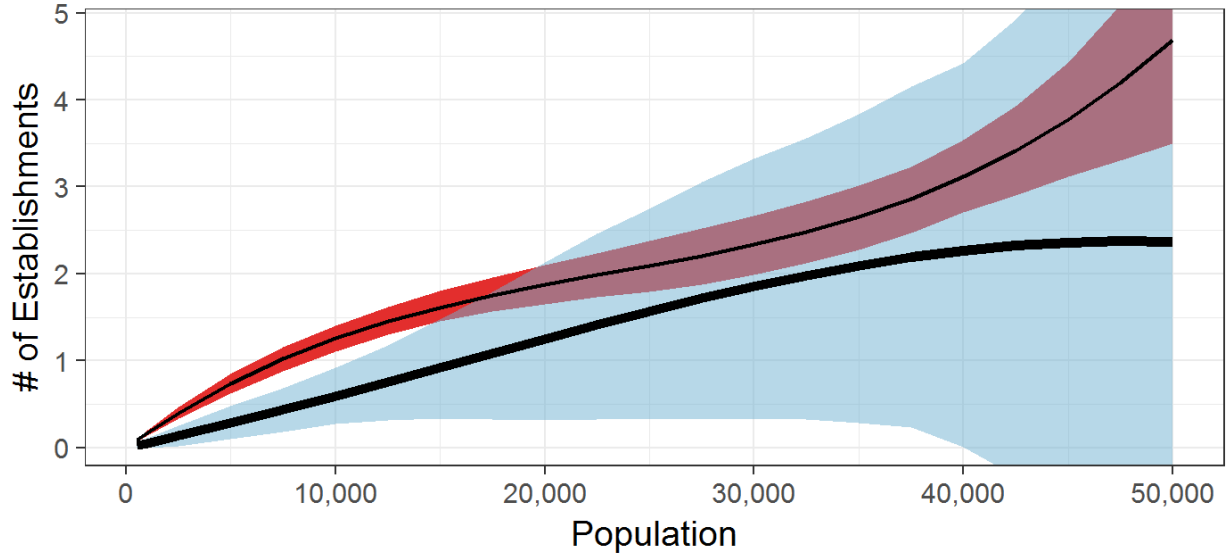
Mining Revenue Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



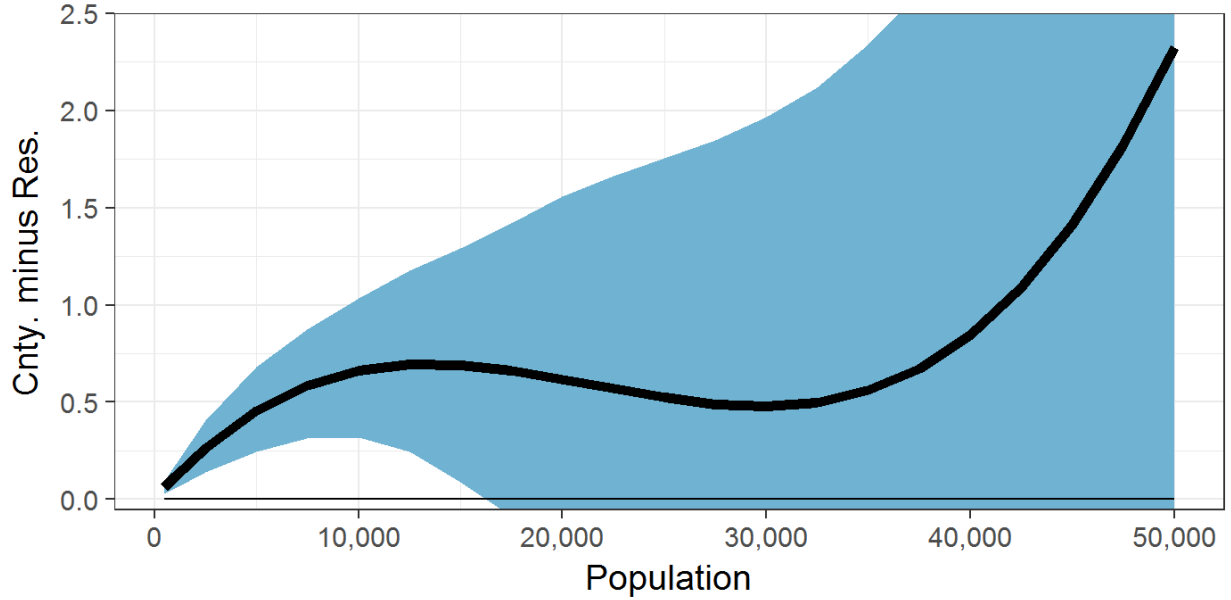
Utilities Estbs. (6-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



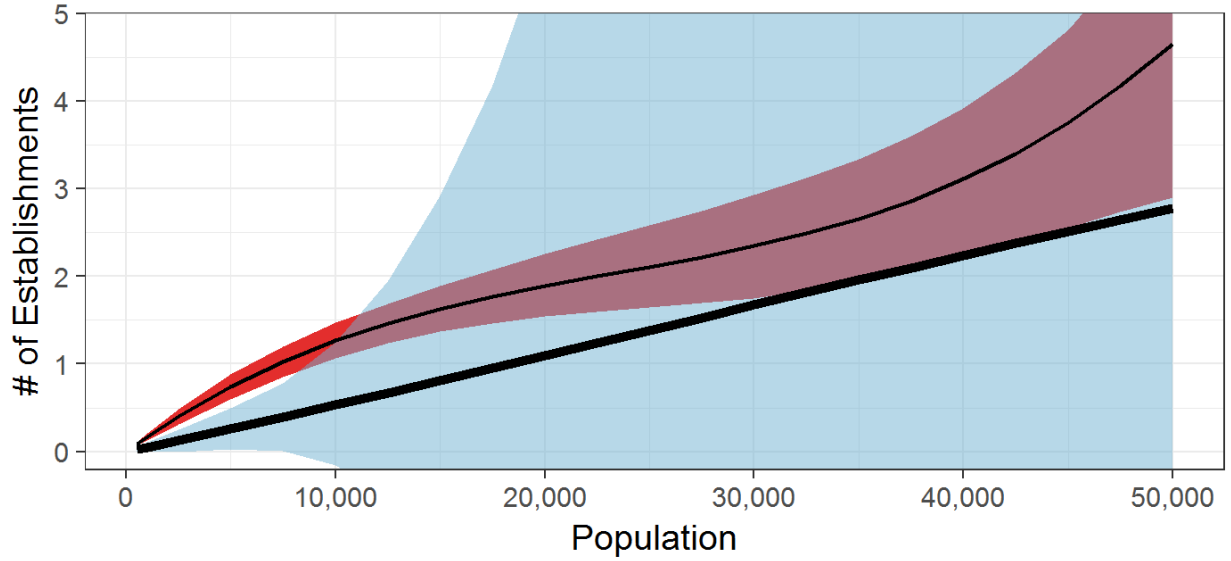
Utilities Estbs. Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



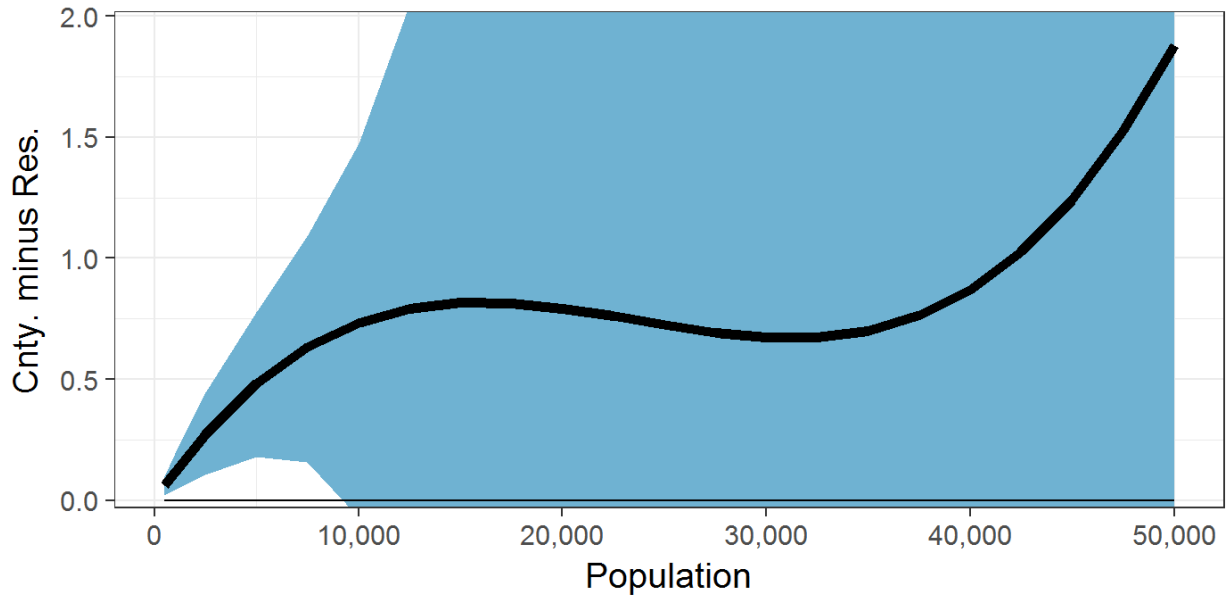
Utilities Estbs. (11-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



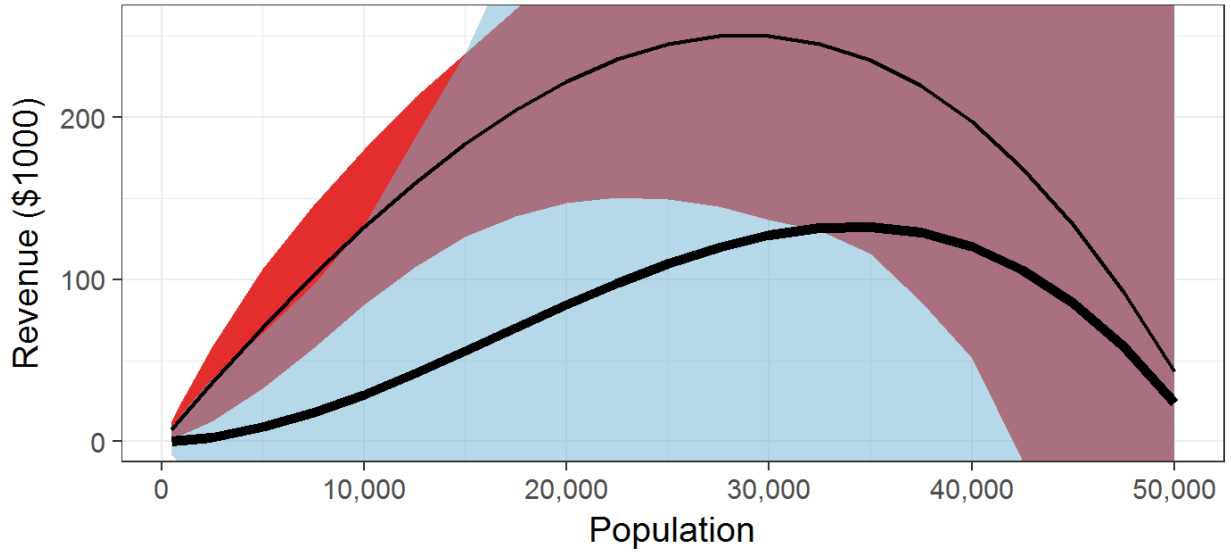
Utilities Estbs. Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



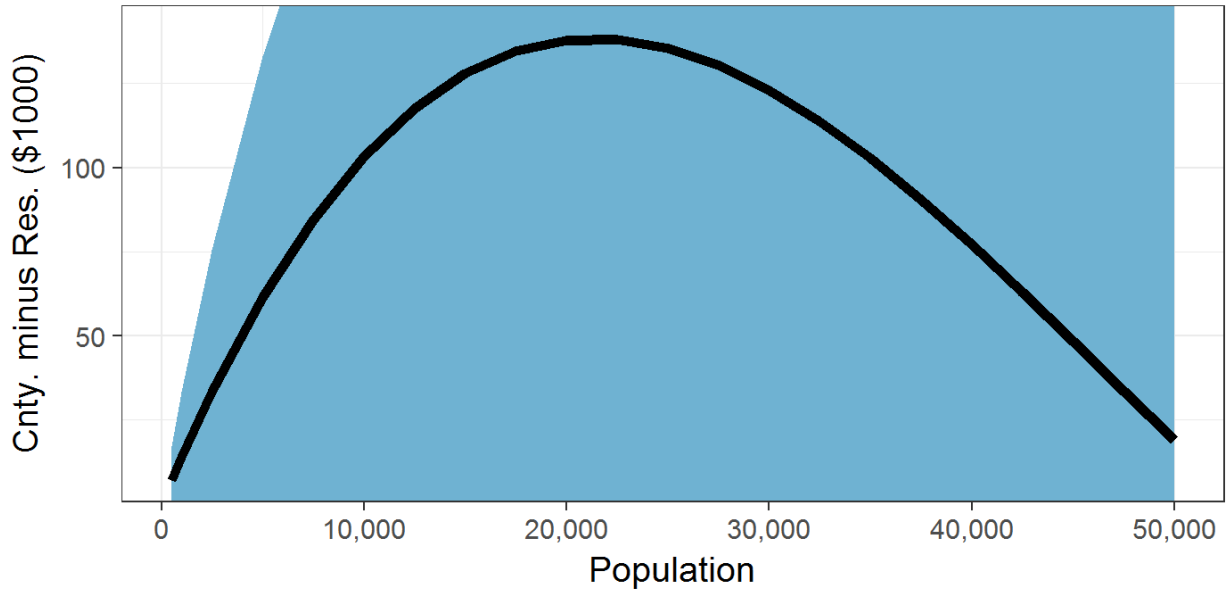
Utilities Revenue (6-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



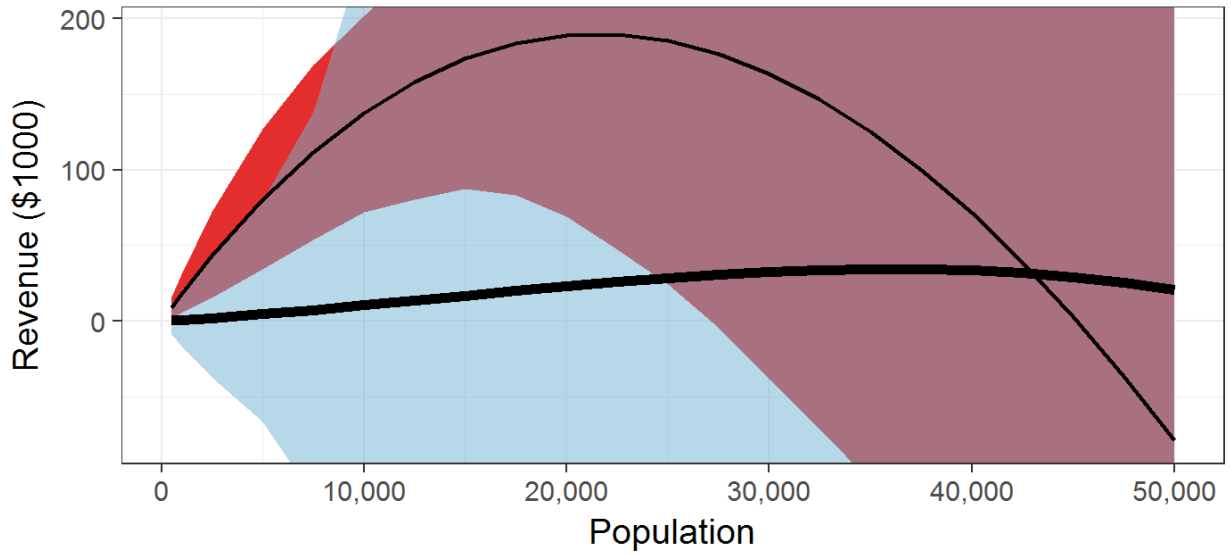
Utilities Revenue Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



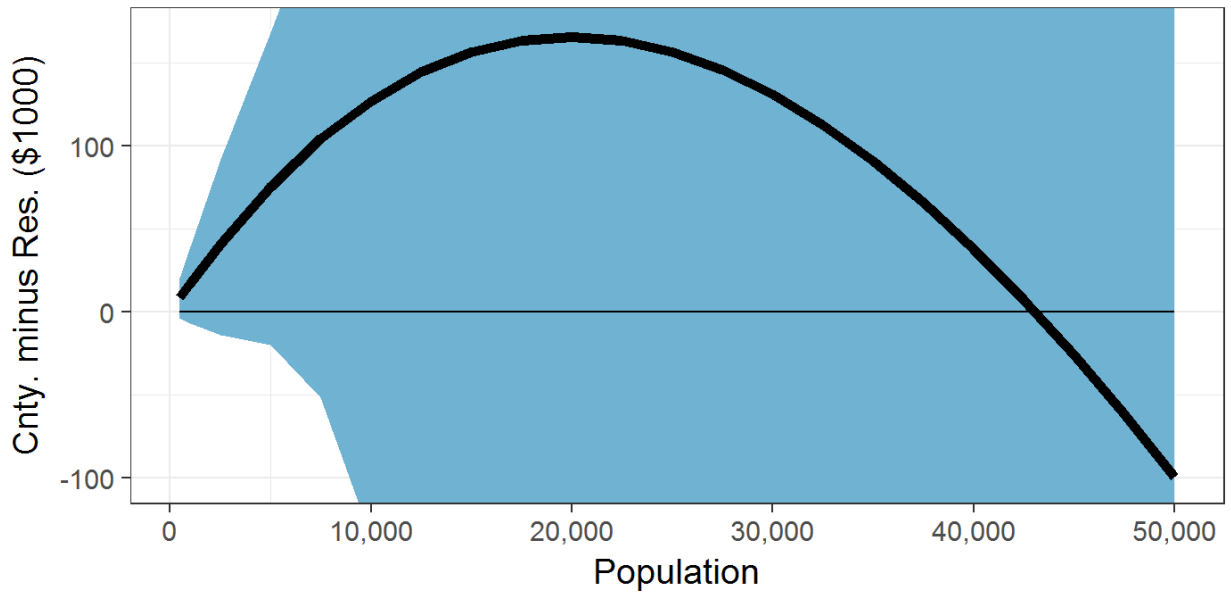
Utilities Revenue (11-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



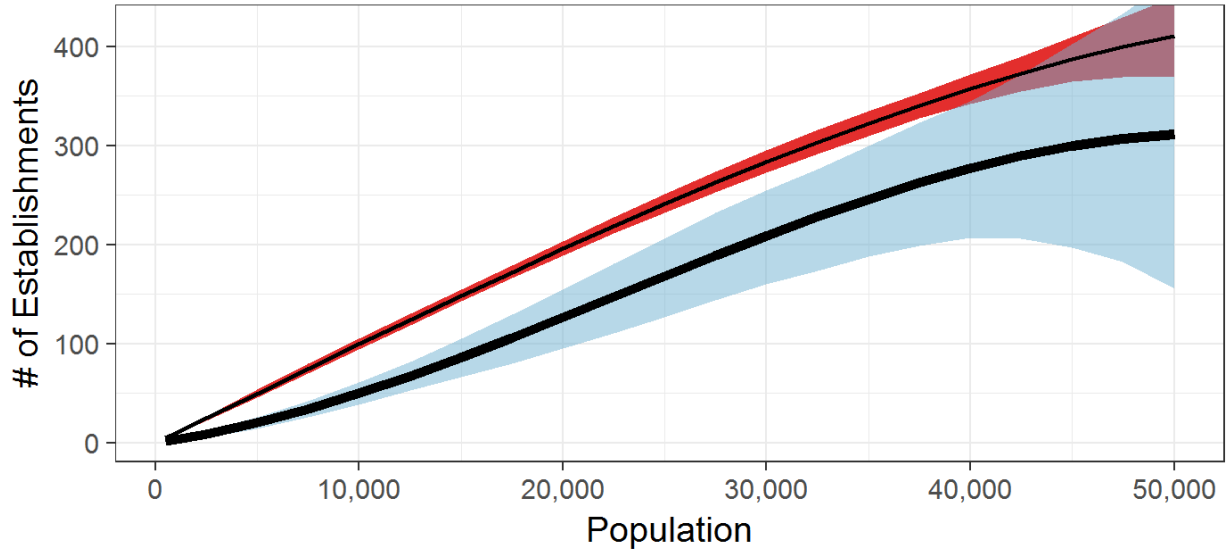
Utilities Revenue Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



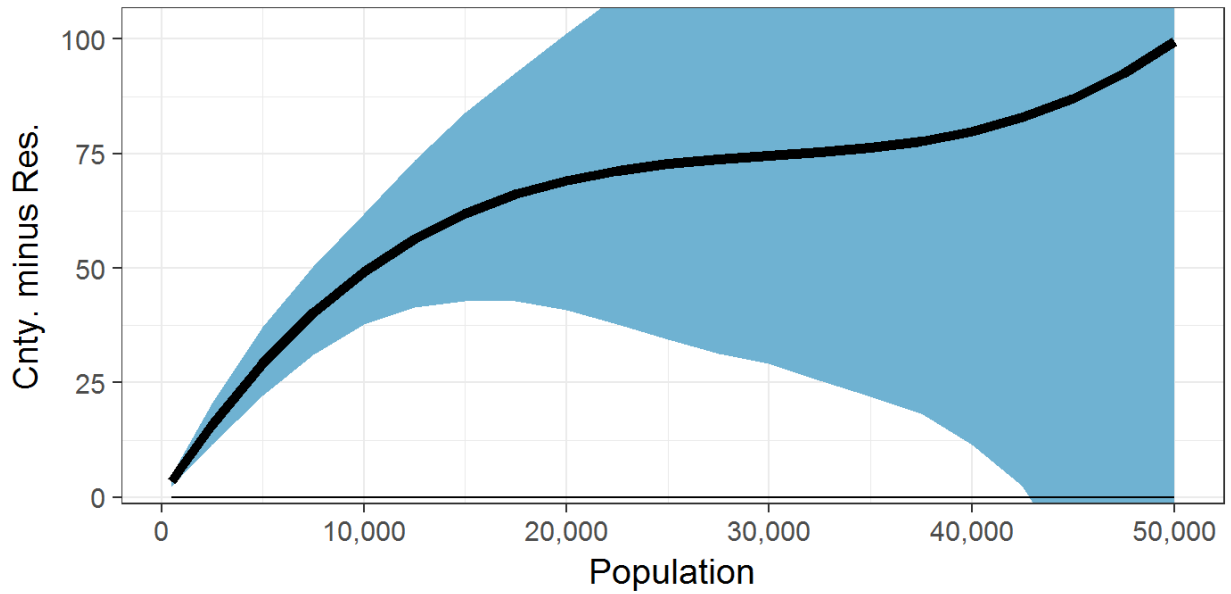
Construction Estbs. (6-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



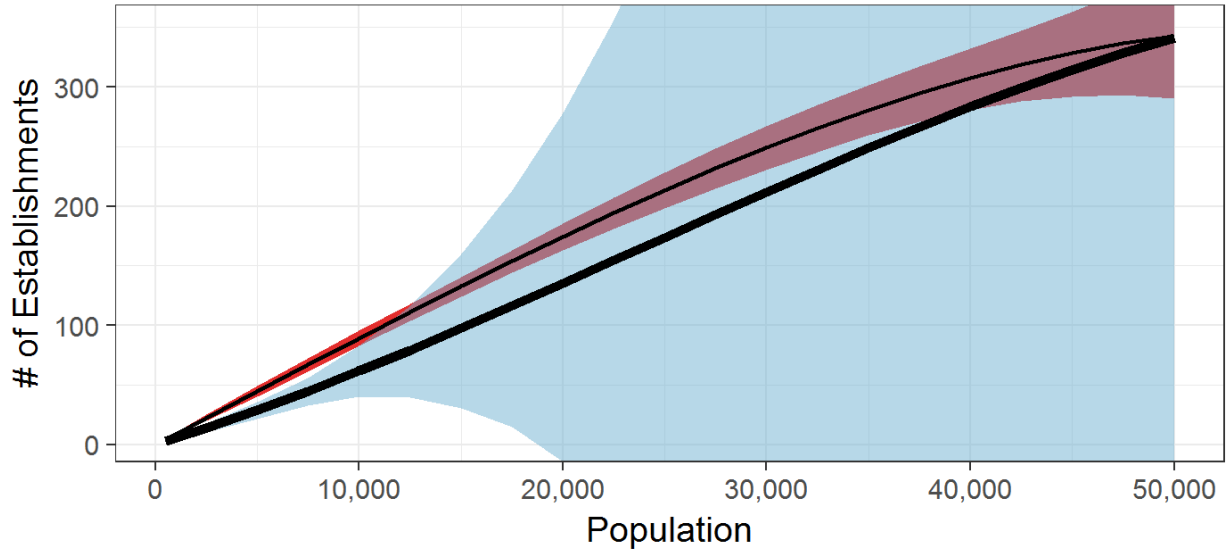
Construction Estbs. Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



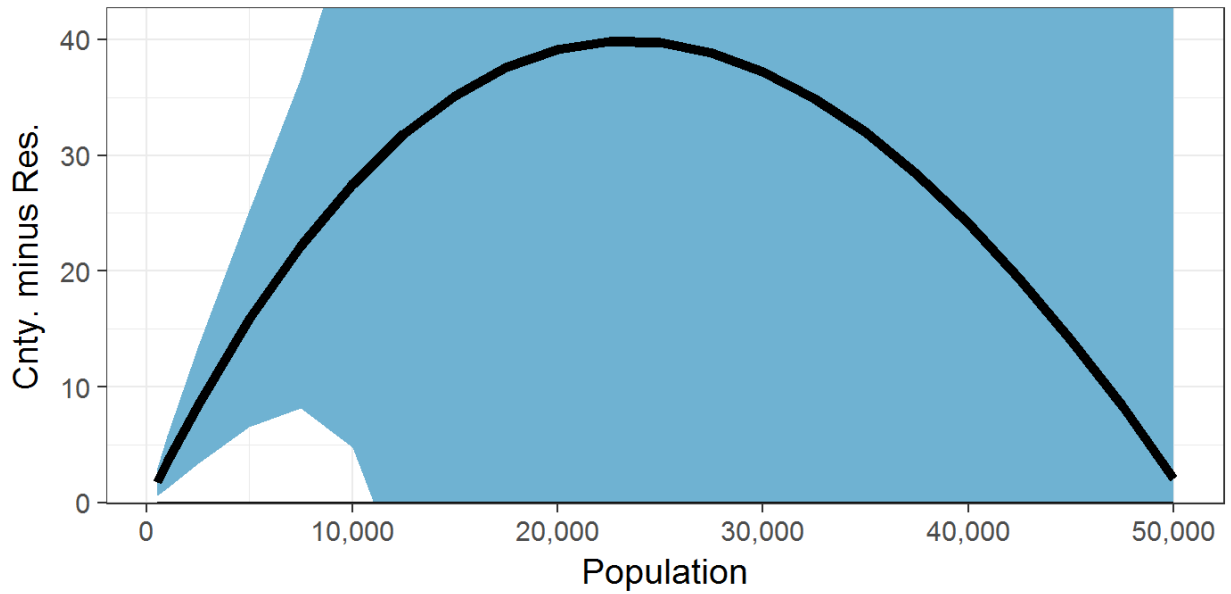
Construction Estbs. (11-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



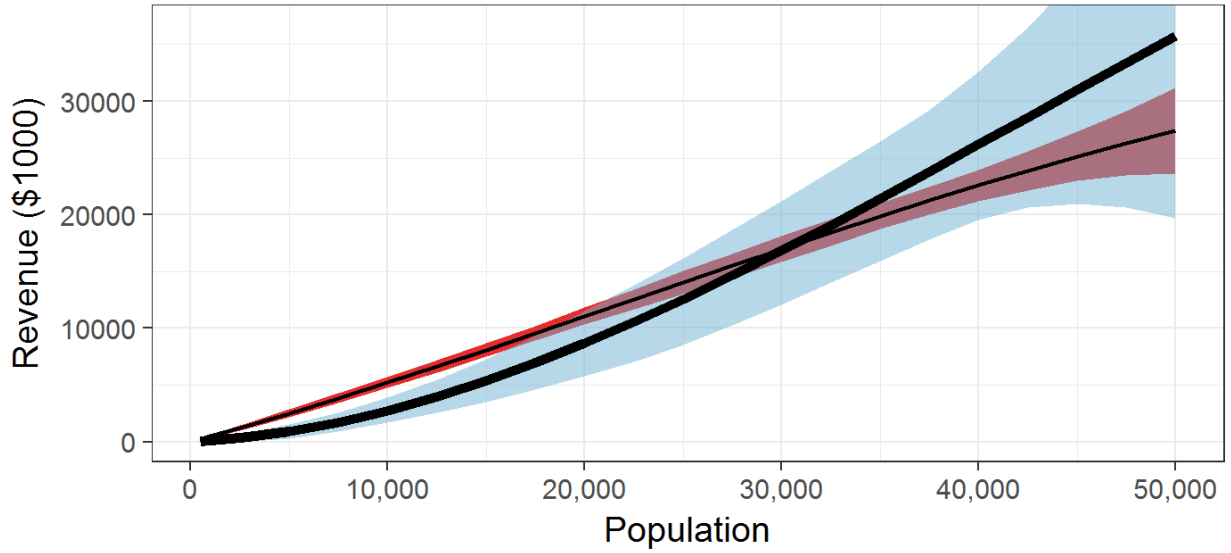
Construction Estbs. Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



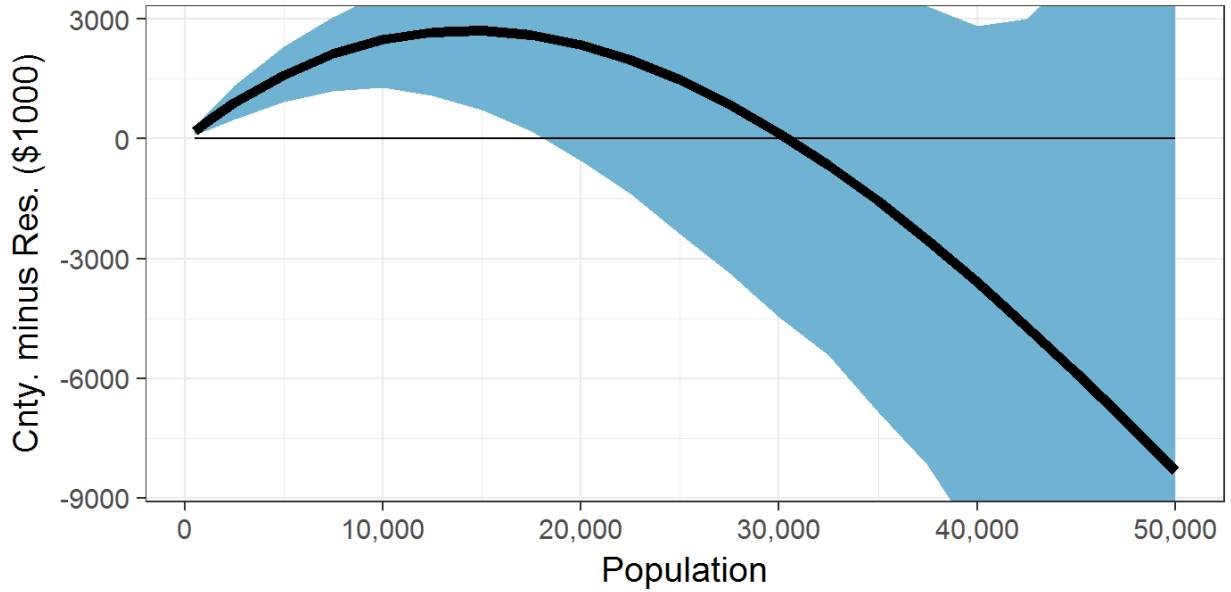
Construction Revenue (6-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



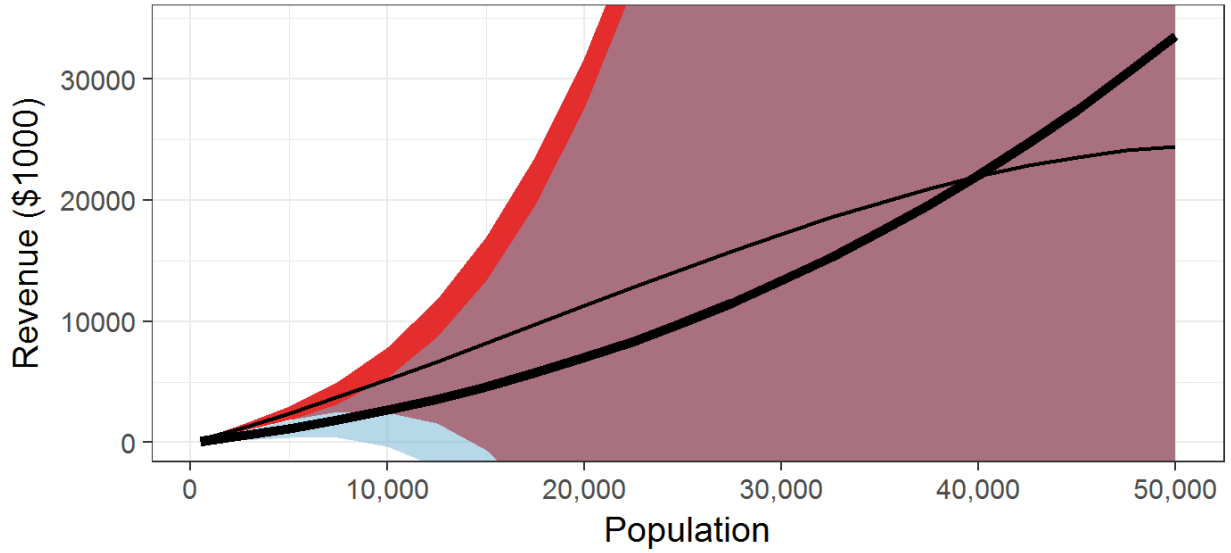
Construction Revenue Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



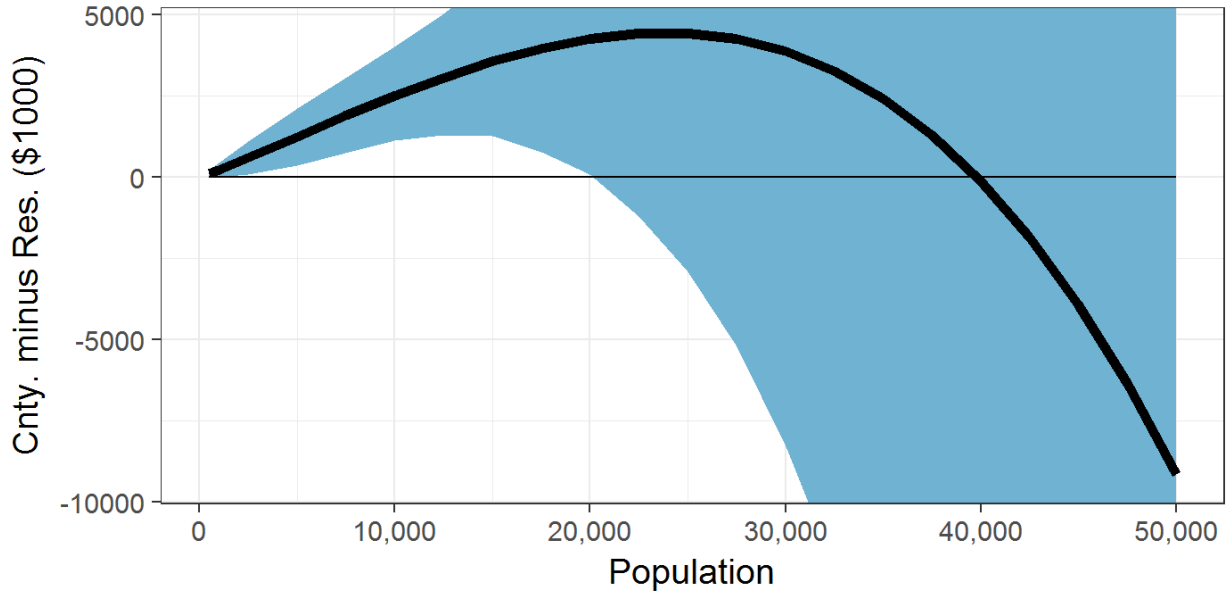
Construction Revenue (11-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



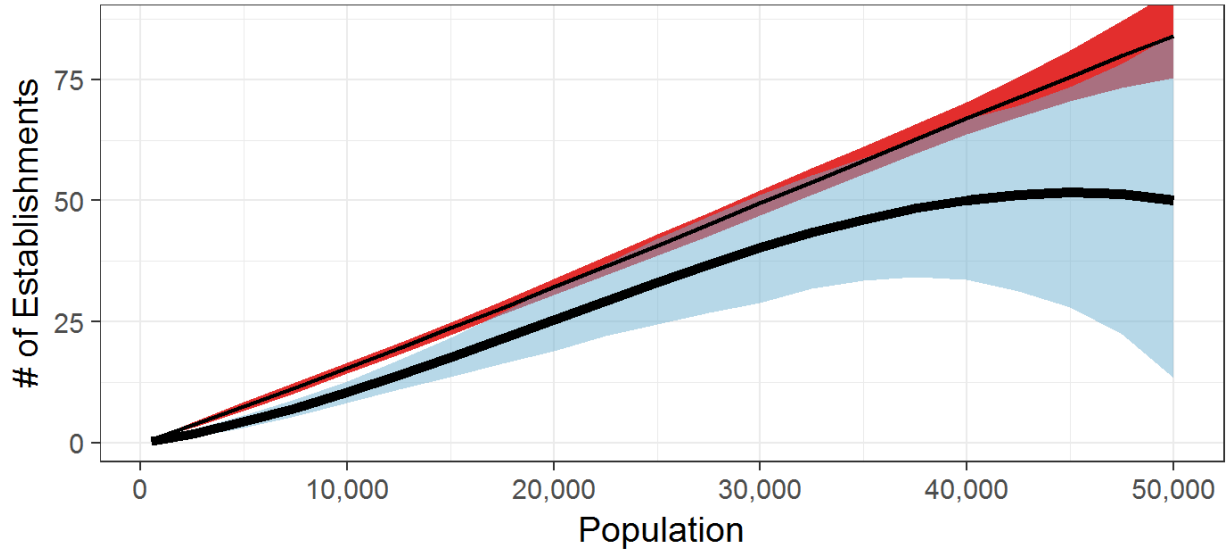
Construction Revenue Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



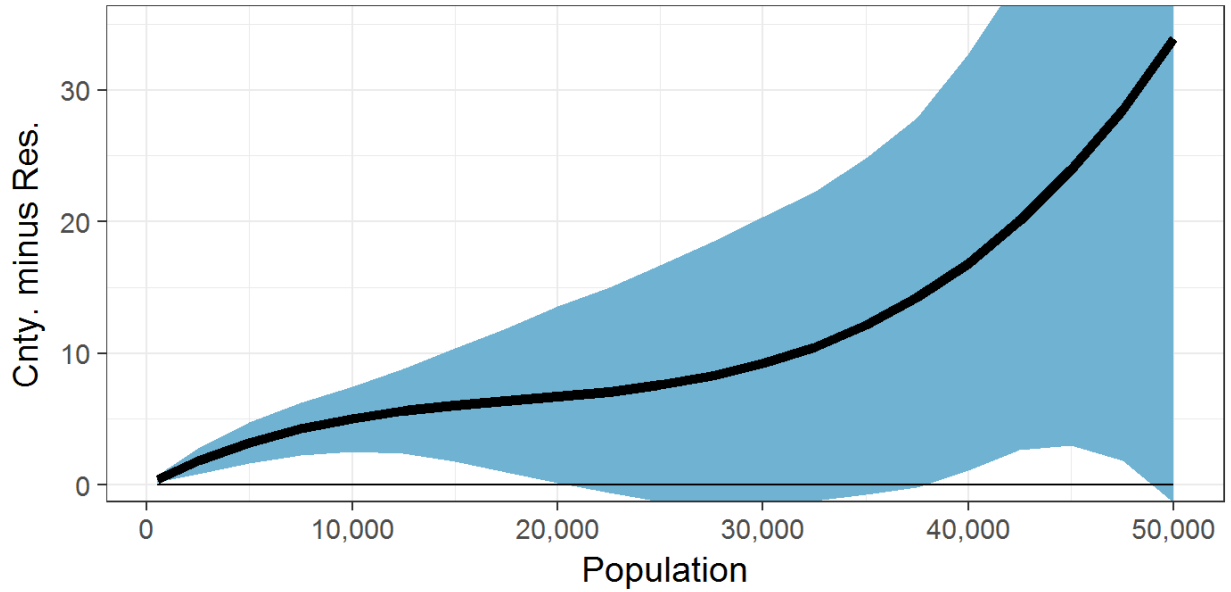
Manufacturing Estbs. (6-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



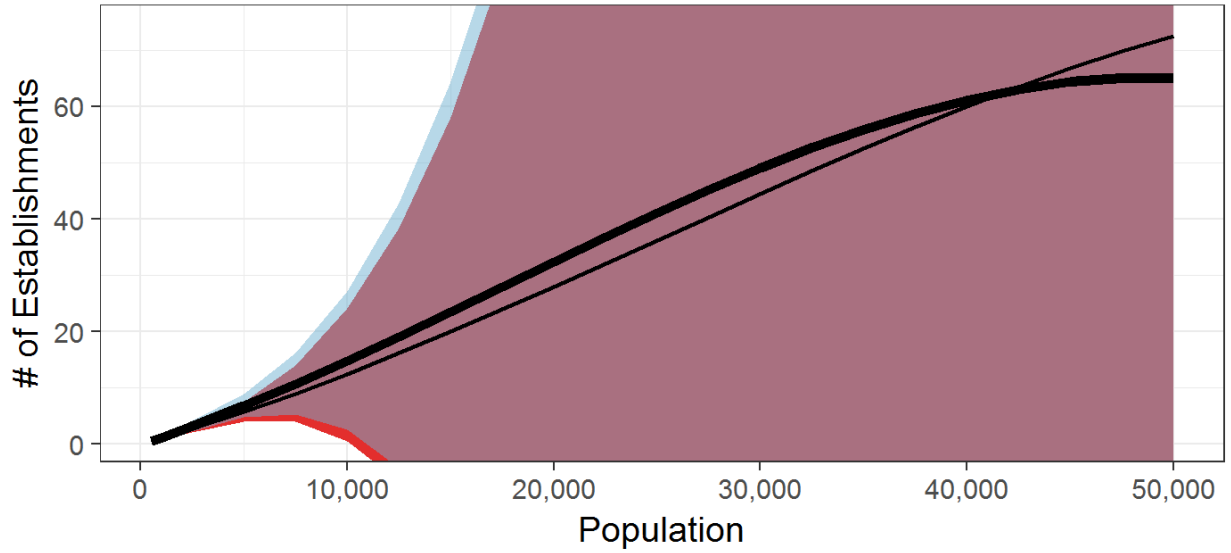
Manufacturing Estbs. Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



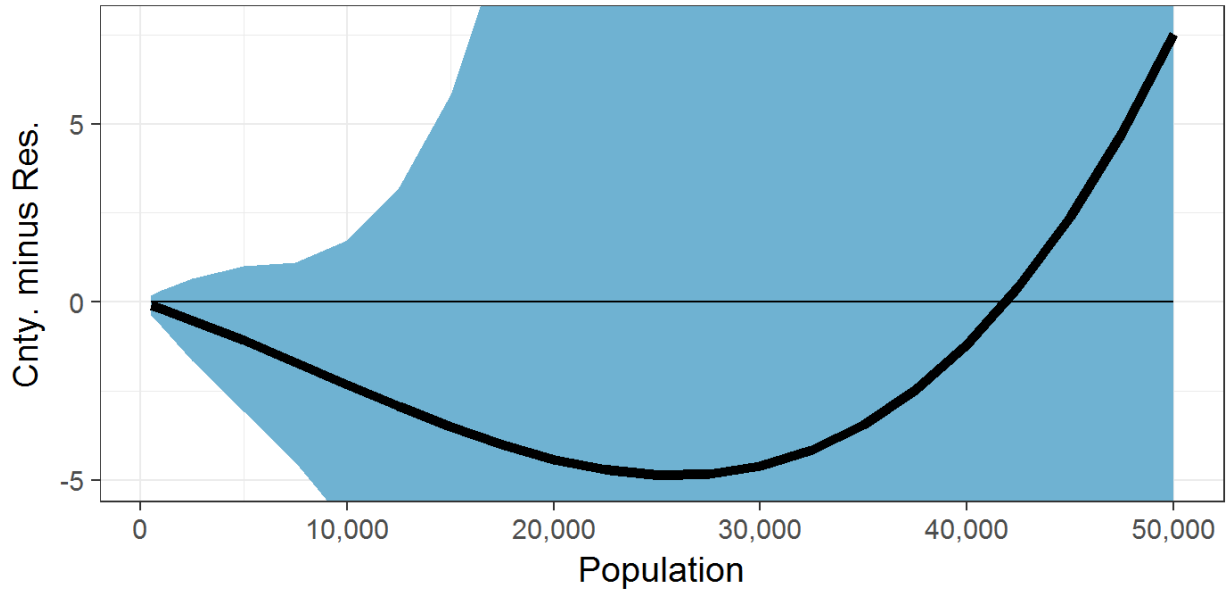
Manufacturing Estbs. (11-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



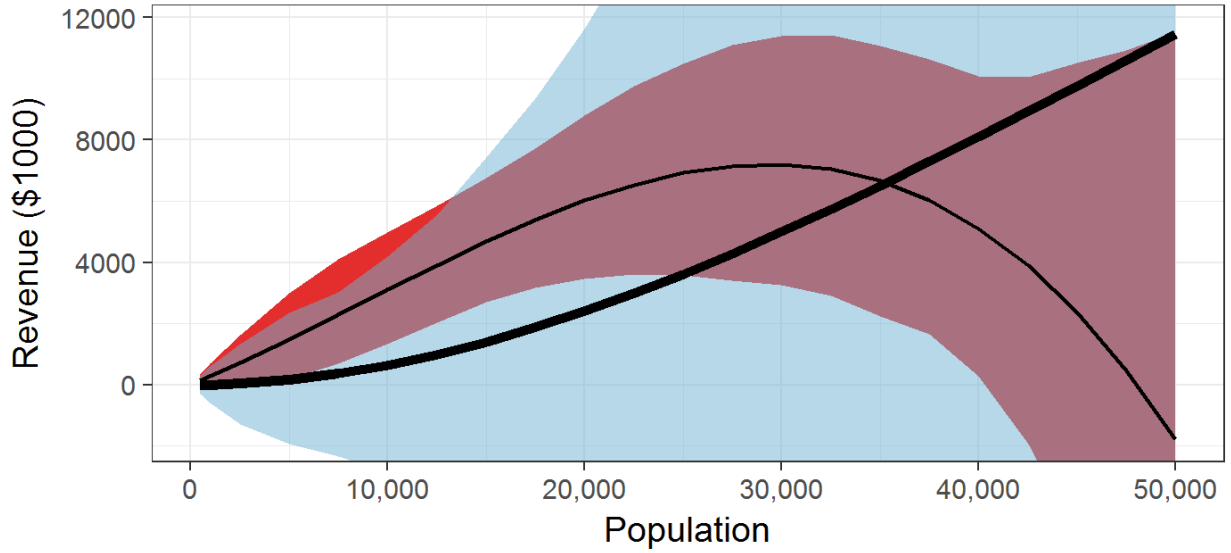
Manufacturing Estbs. Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



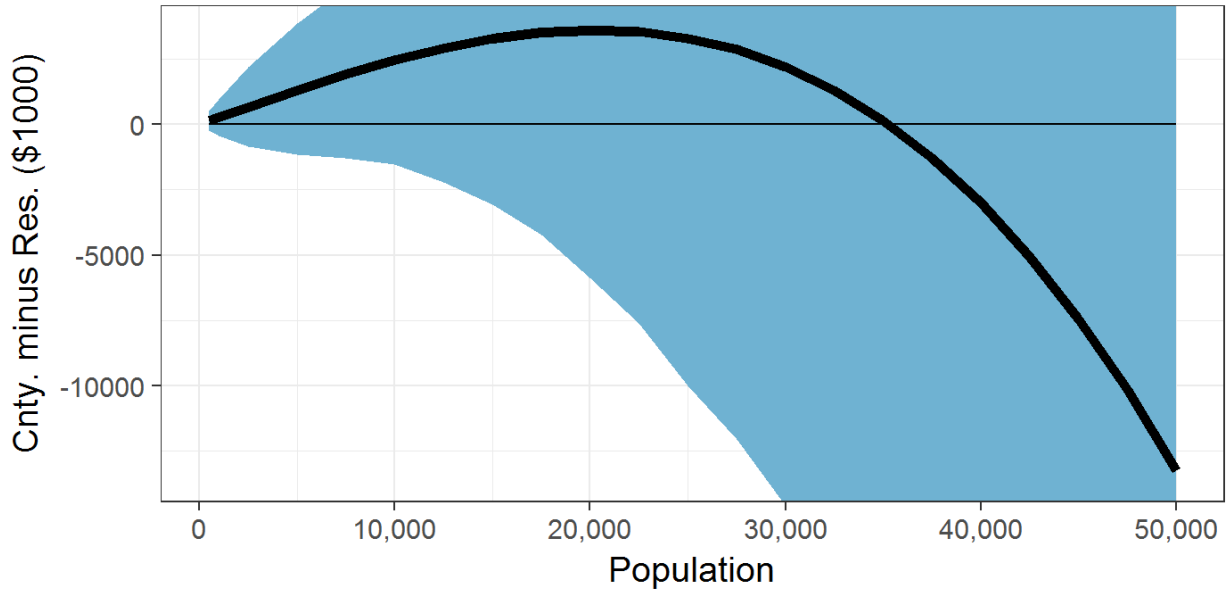
Manufacturing Revenue (6-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



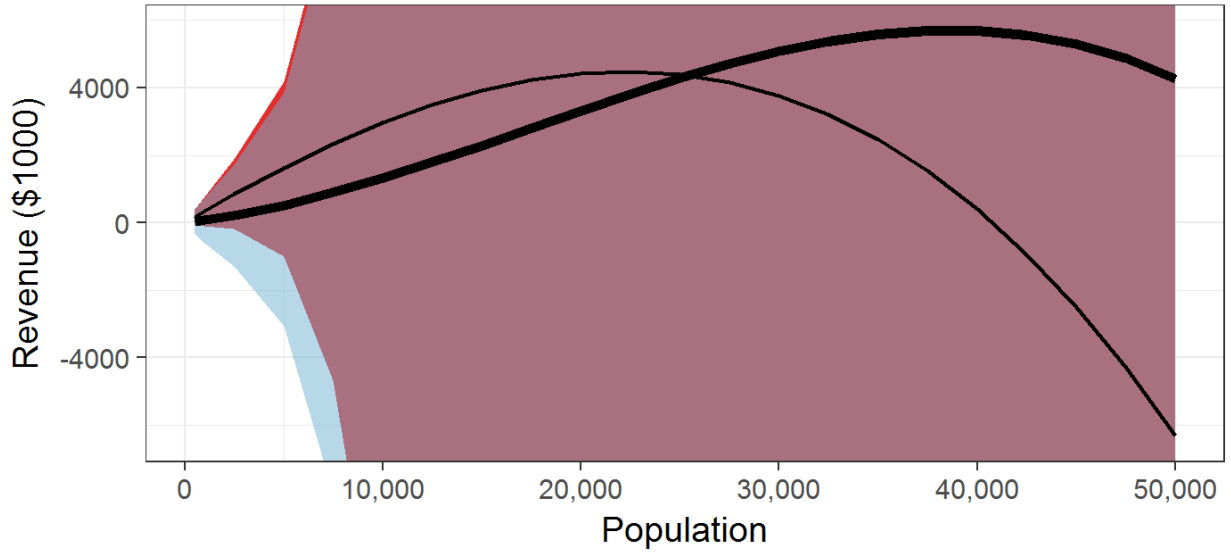
Manufacturing Revenue Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



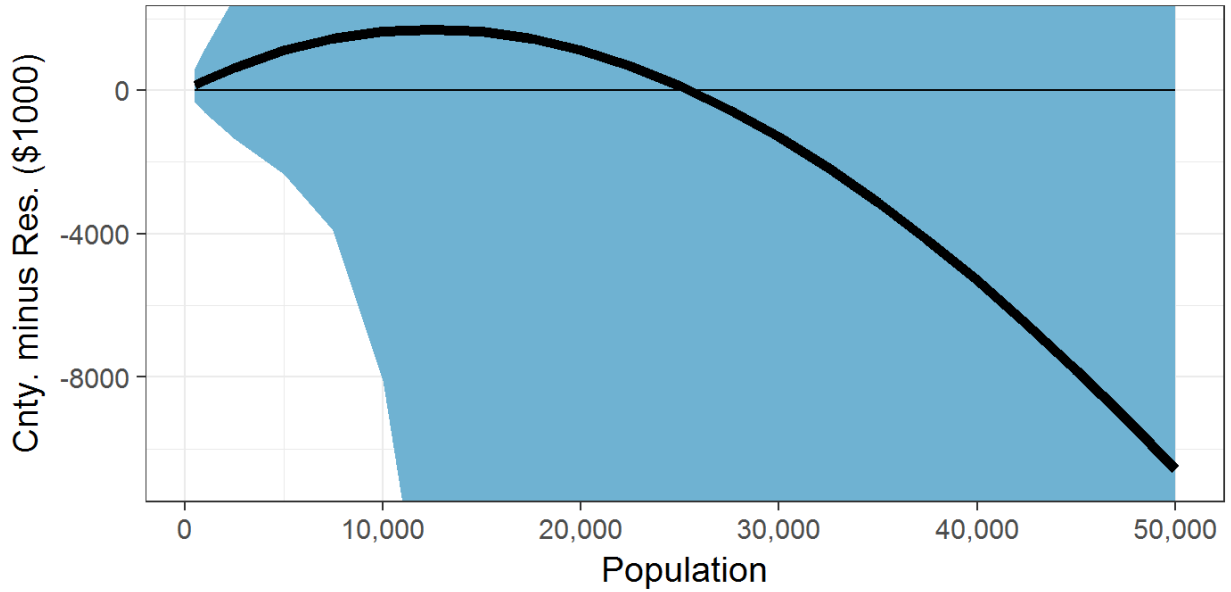
Manufacturing Revenue (11-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



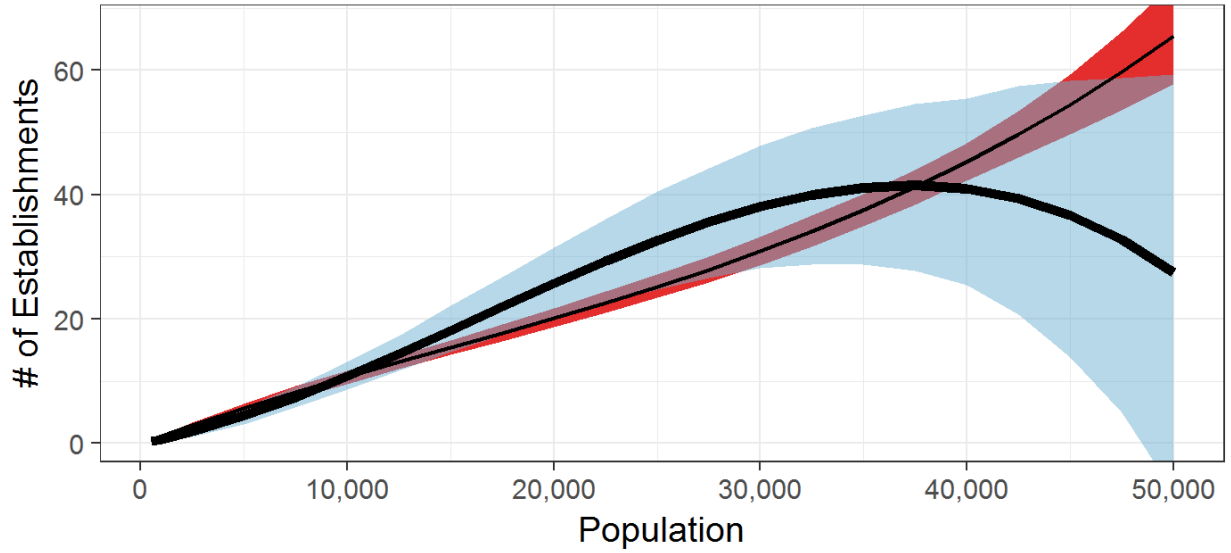
Manufacturing Revenue Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



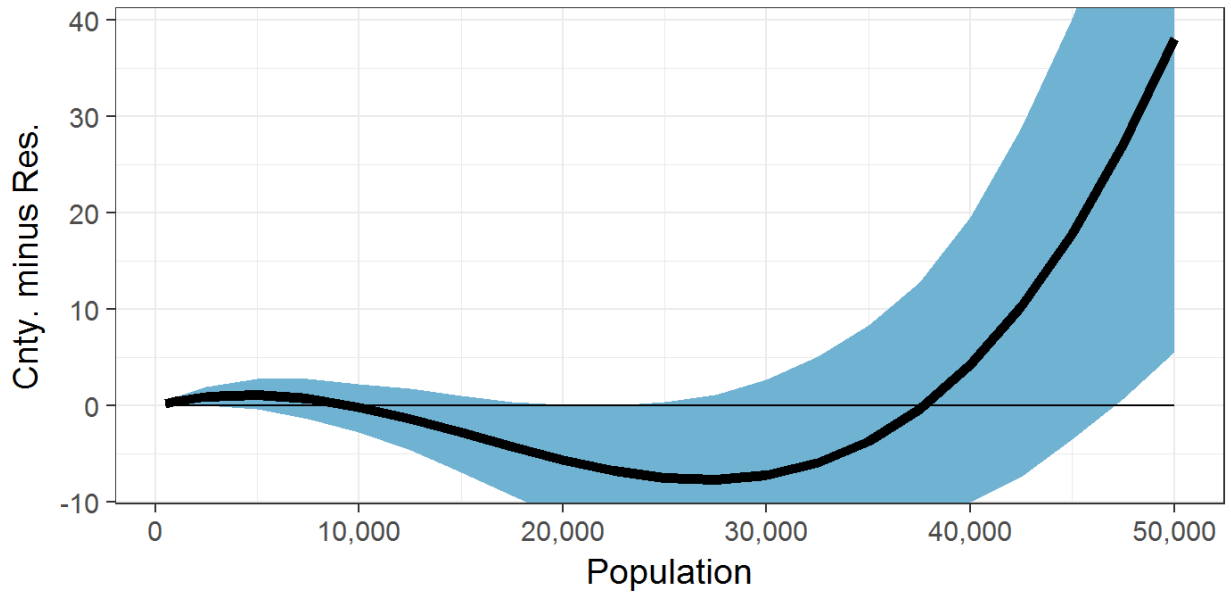
Wholesale Estbs. (6-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



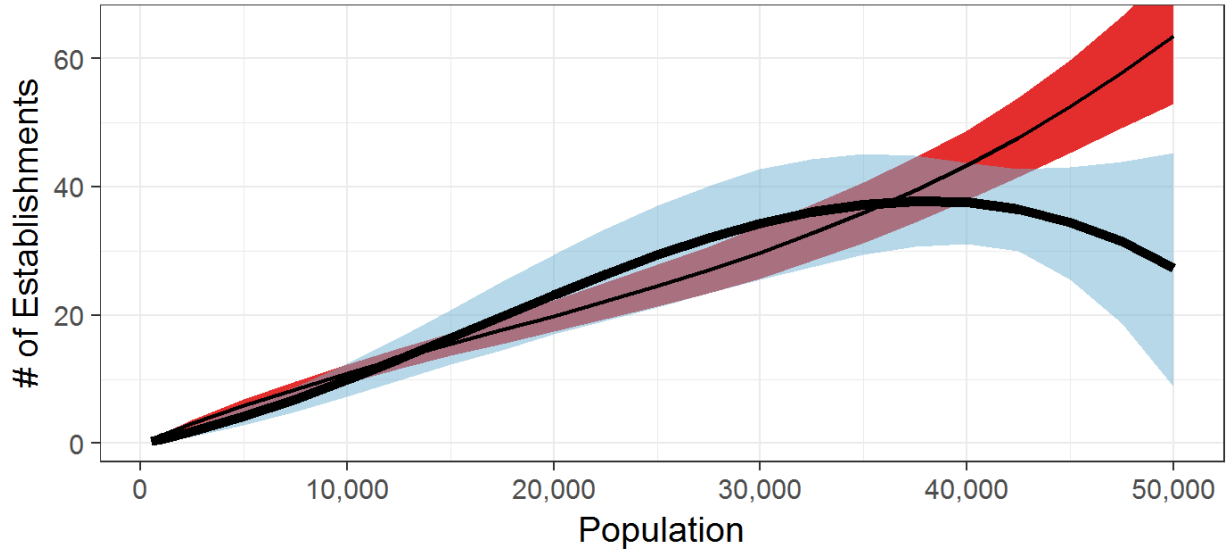
Wholesale Estbs. Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



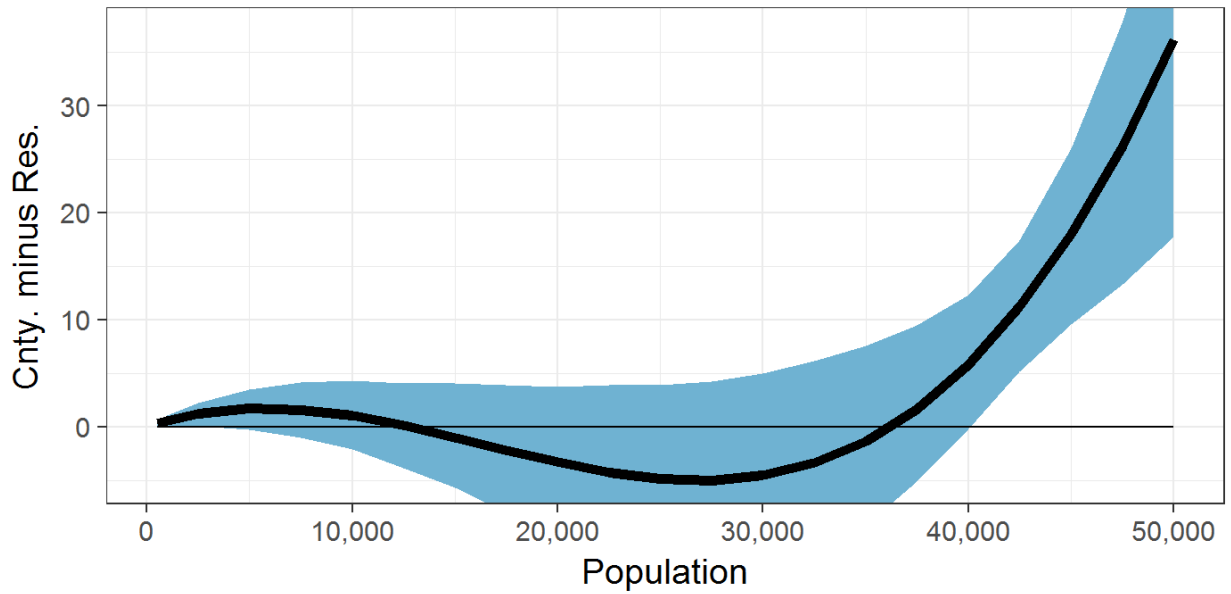
Wholesale Estbs. (11-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



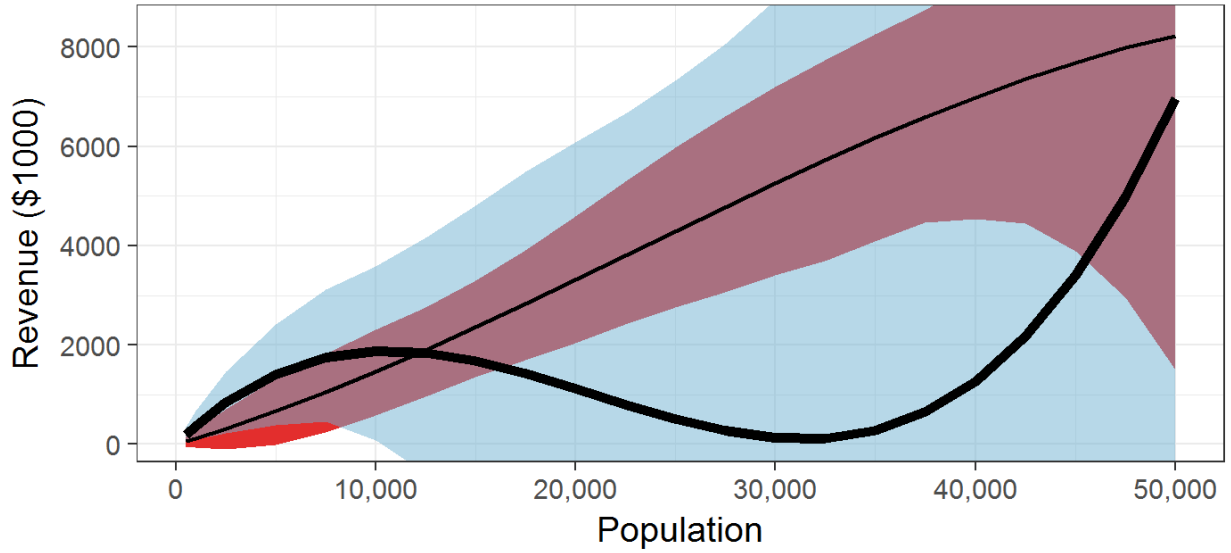
Wholesale Estbs. Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



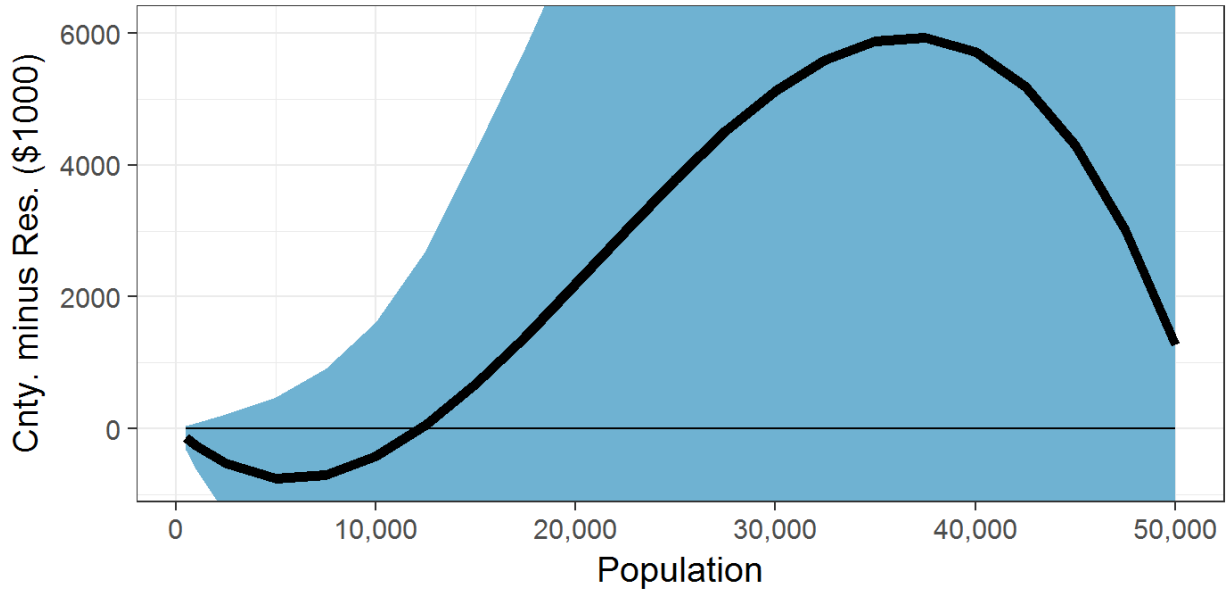
Wholesale Revenue (6-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



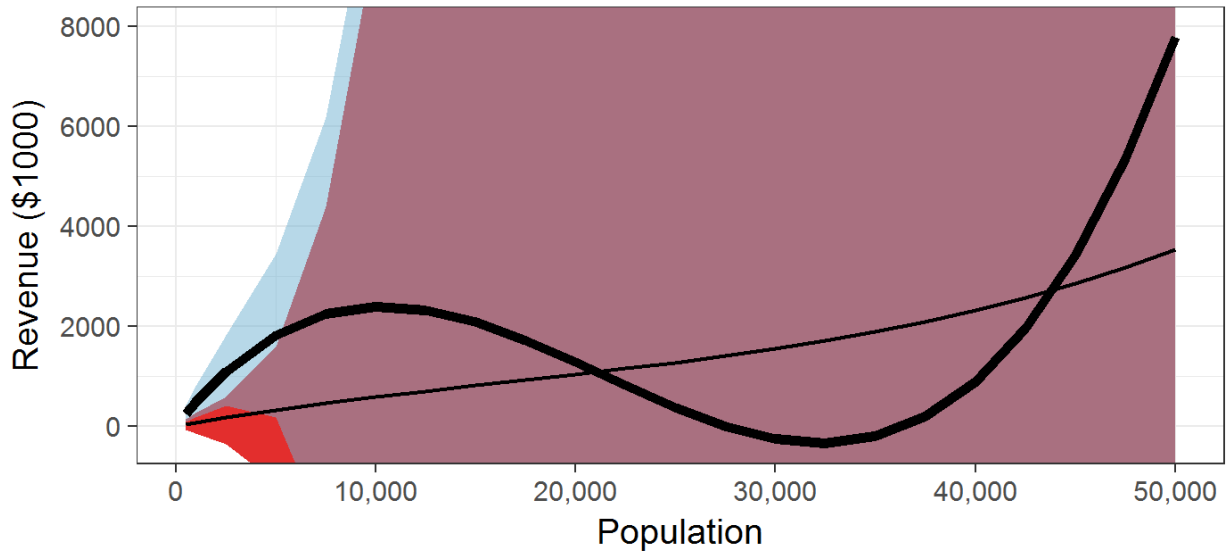
Wholesale Revenue Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



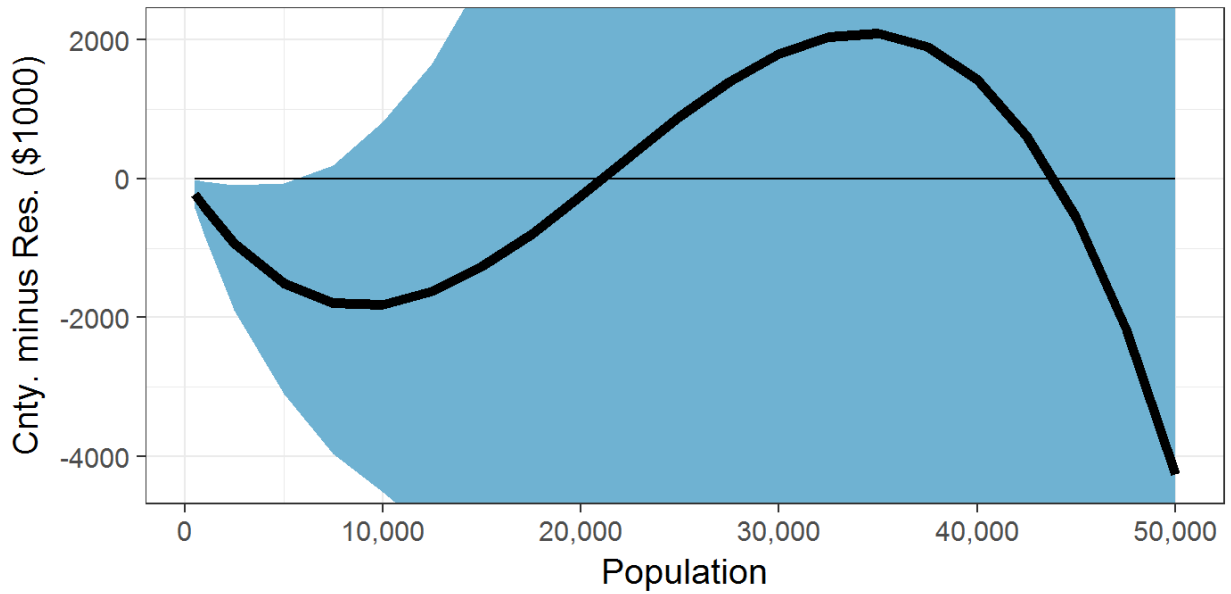
Wholesale Revenue (11-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



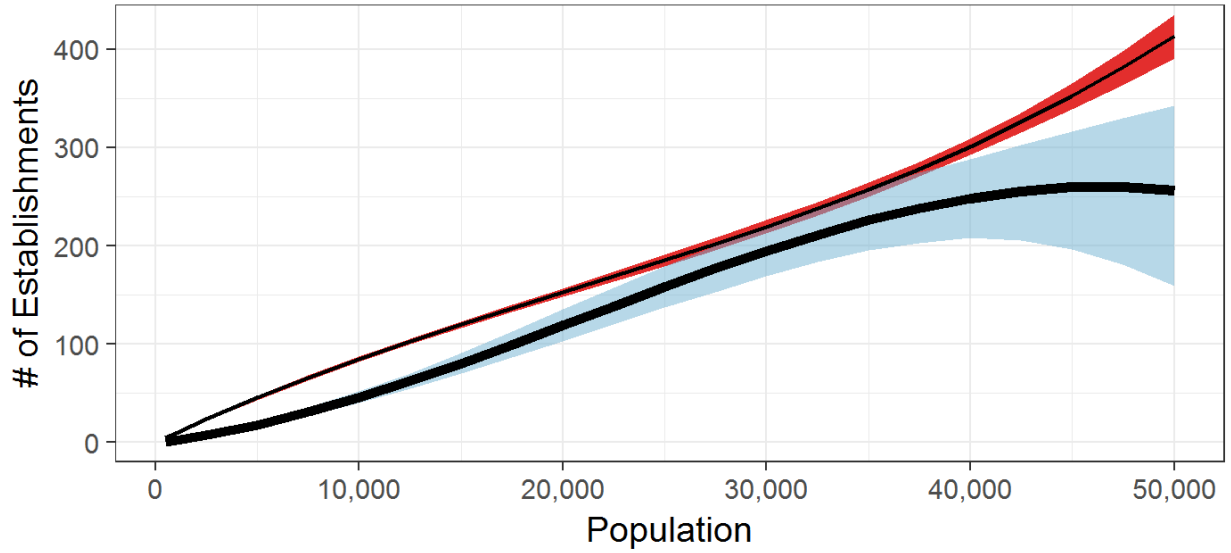
Wholesale Revenue Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



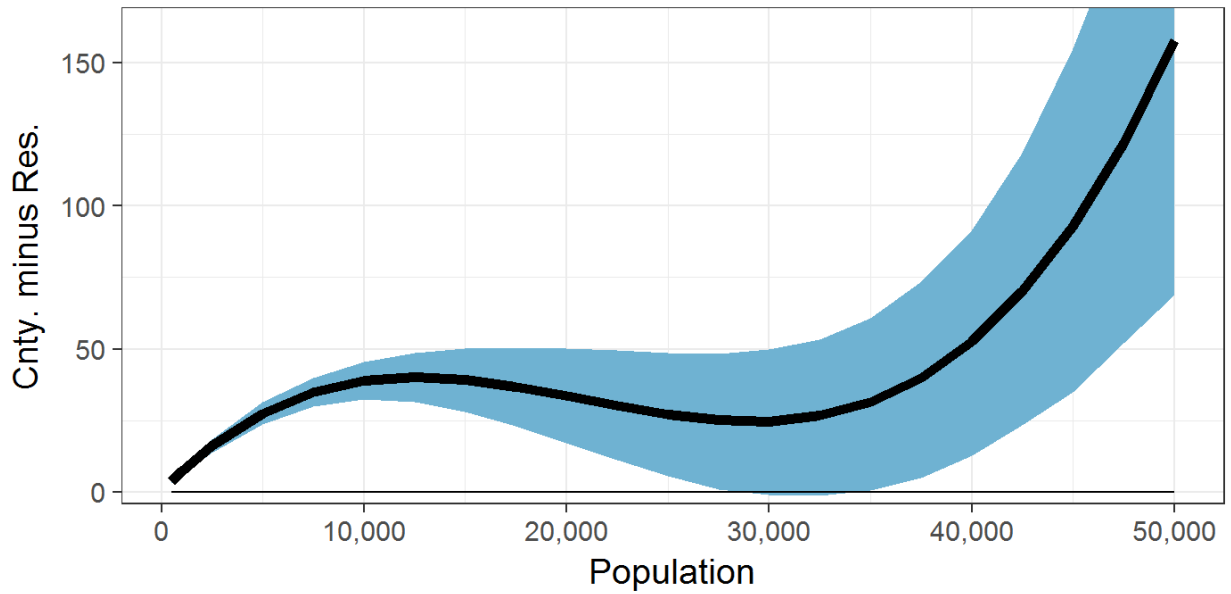
Retail Estbs. (6-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



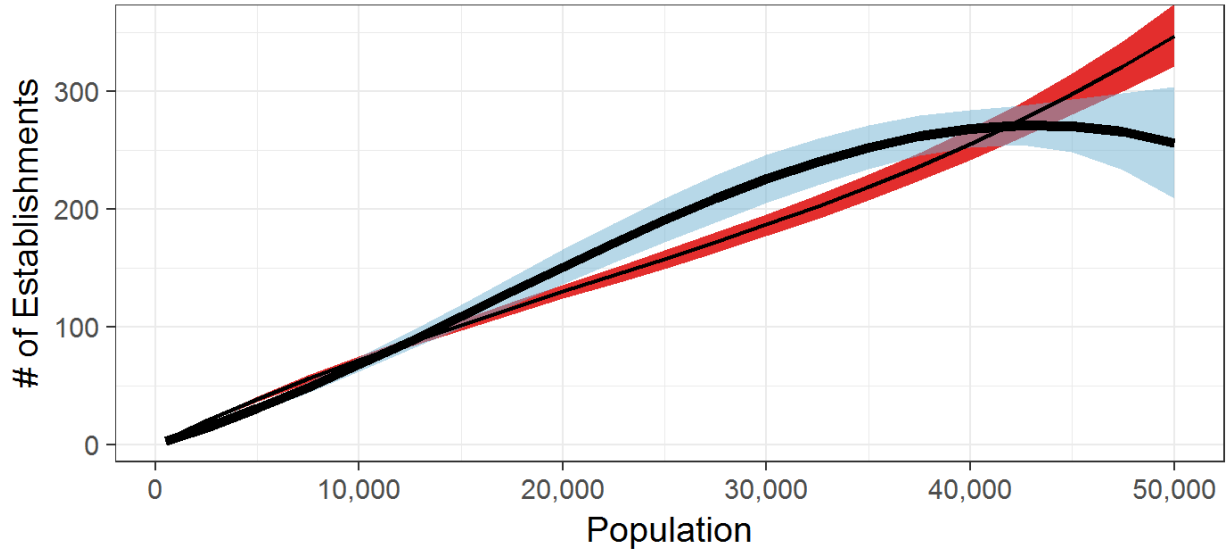
Retail Estbs. Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



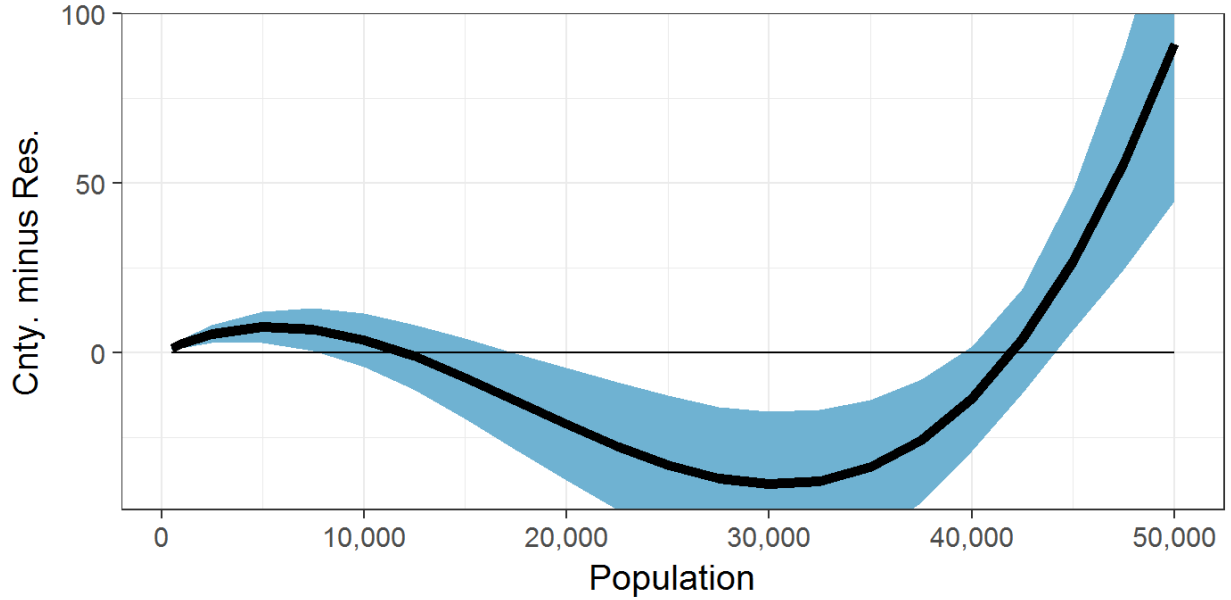
Retail Estbs. (11-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



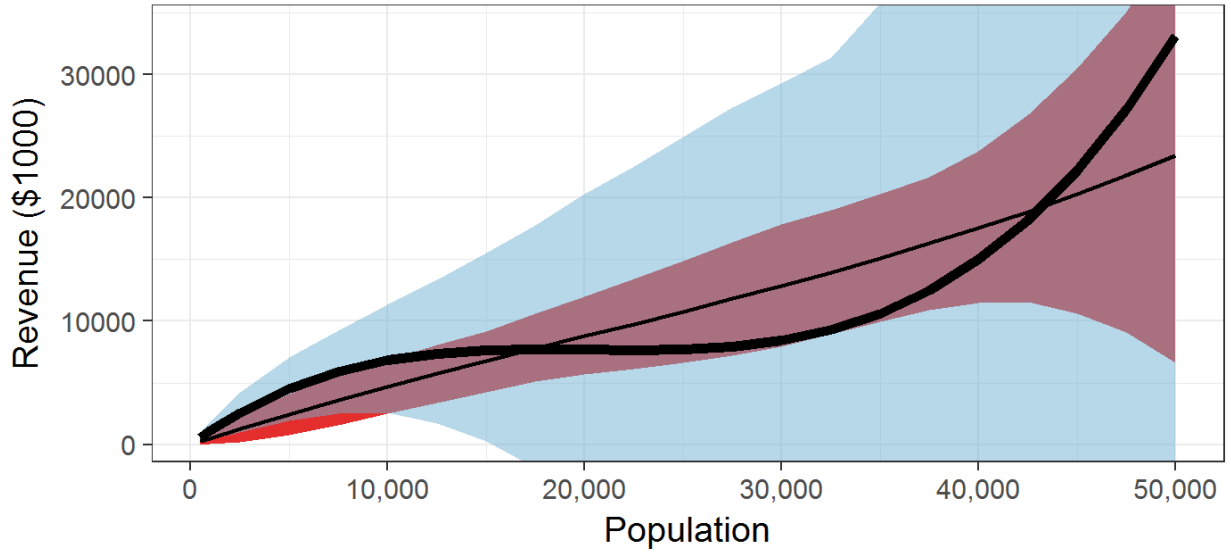
Retail Estbs. Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



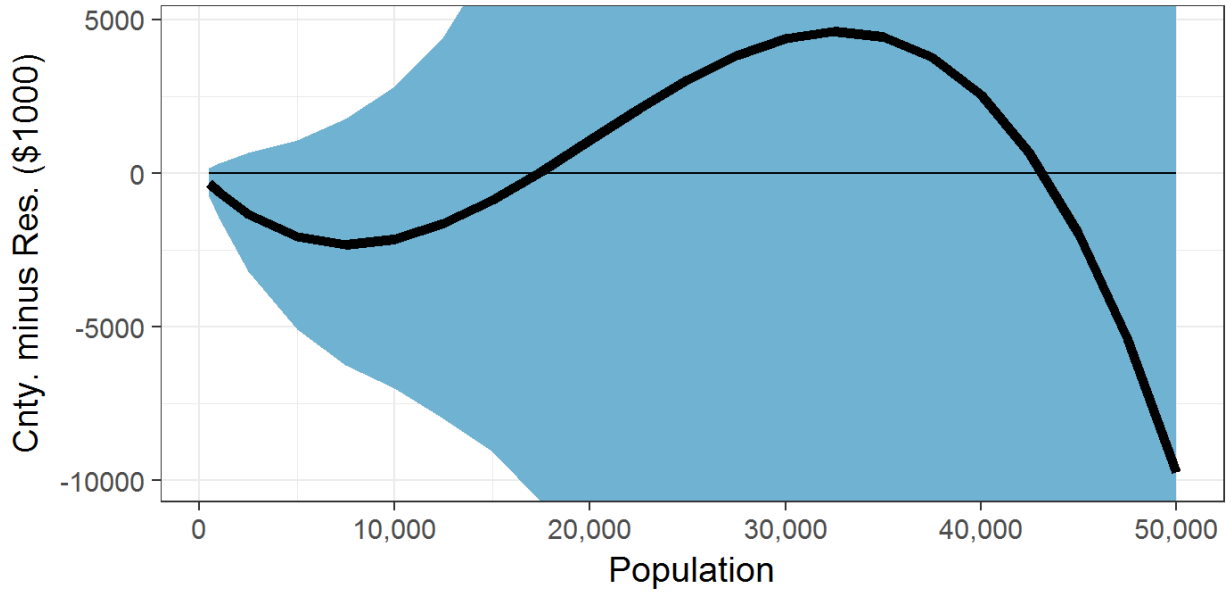
Retail Revenue (6-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



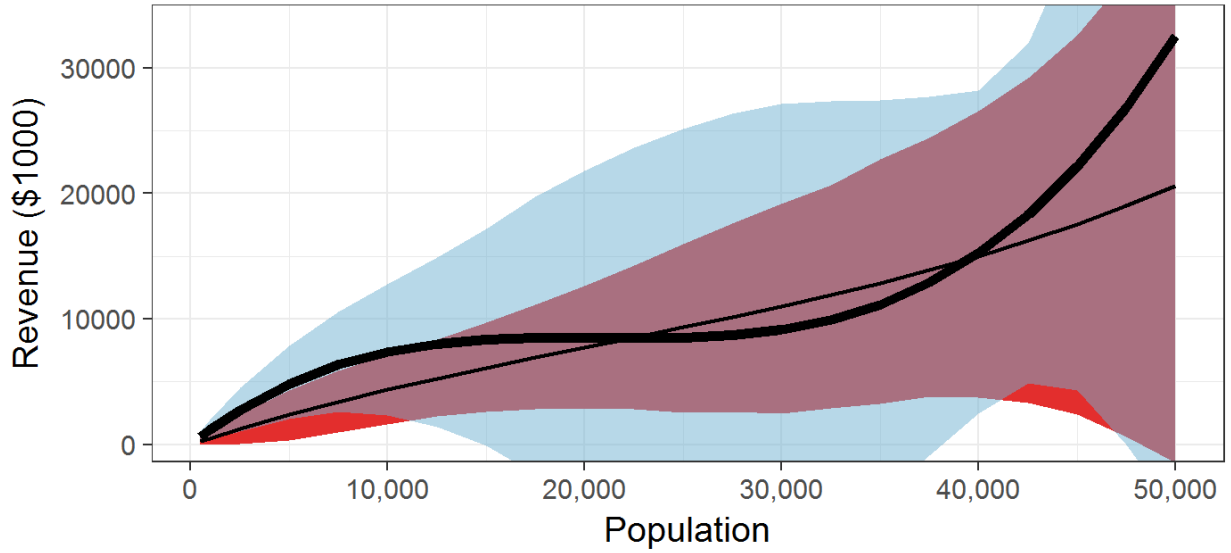
Retail Revenue Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



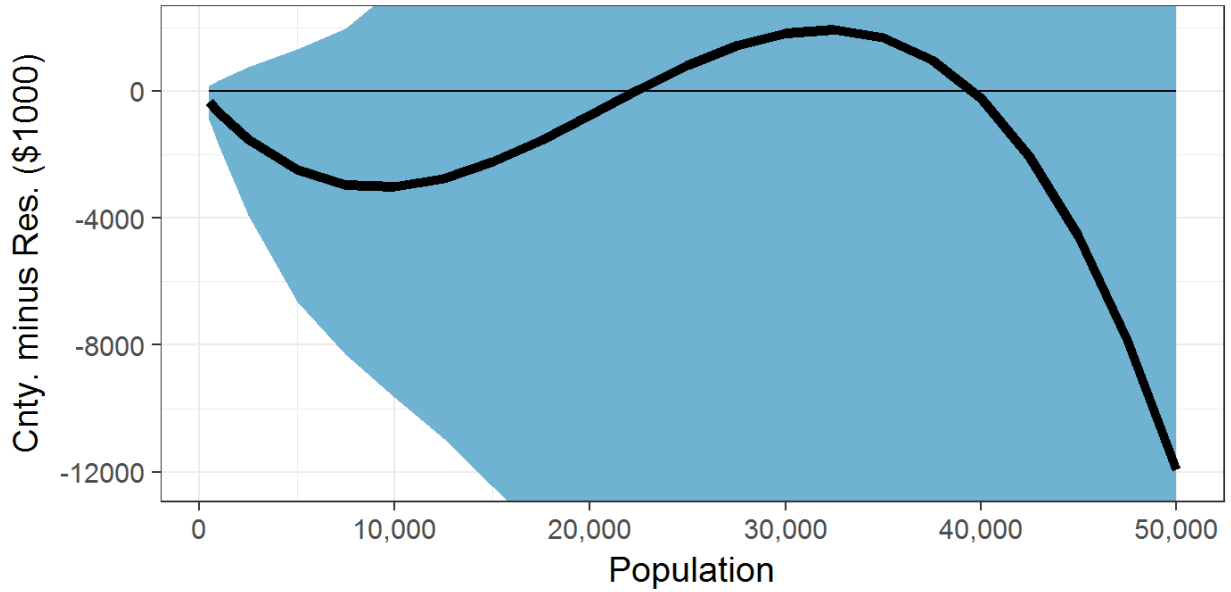
Retail Revenue (11-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



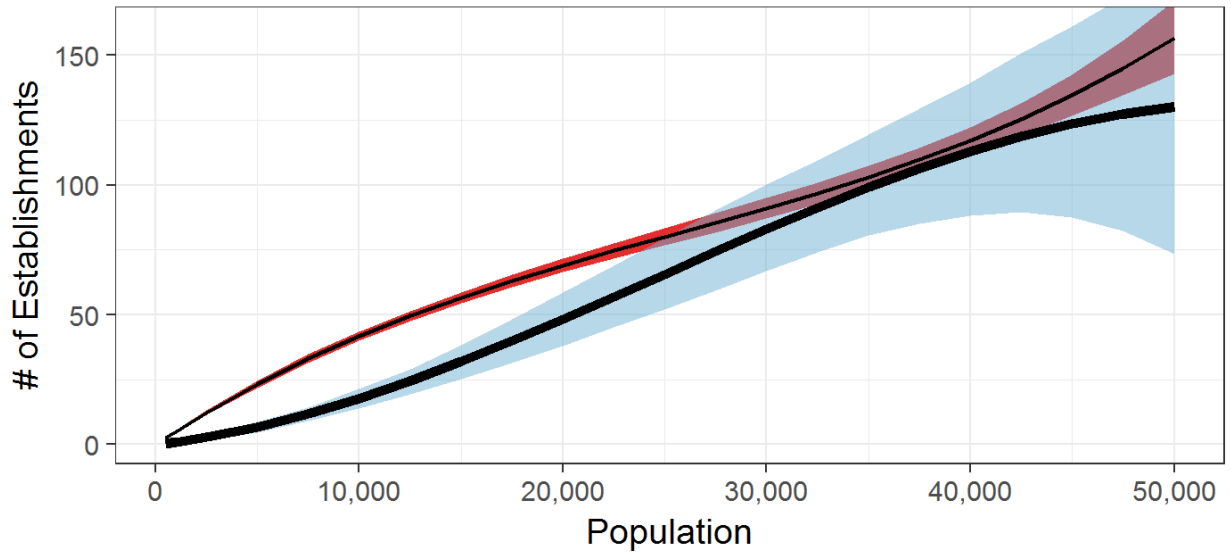
Retail Revenue Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



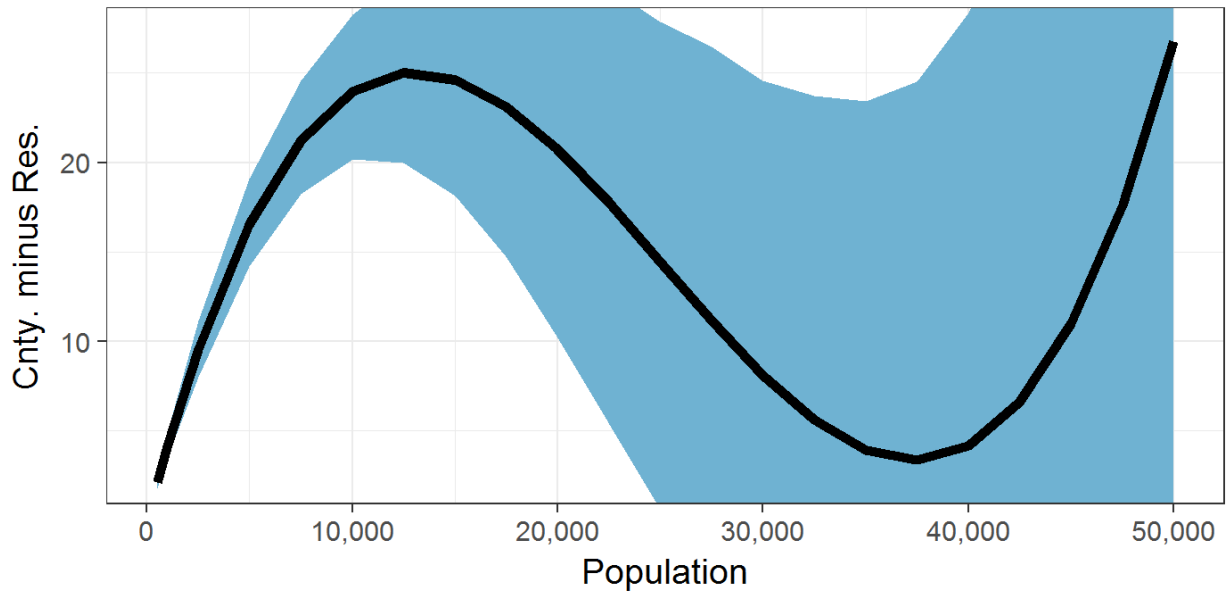
Transportation and Warehousing Estbs. (6-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



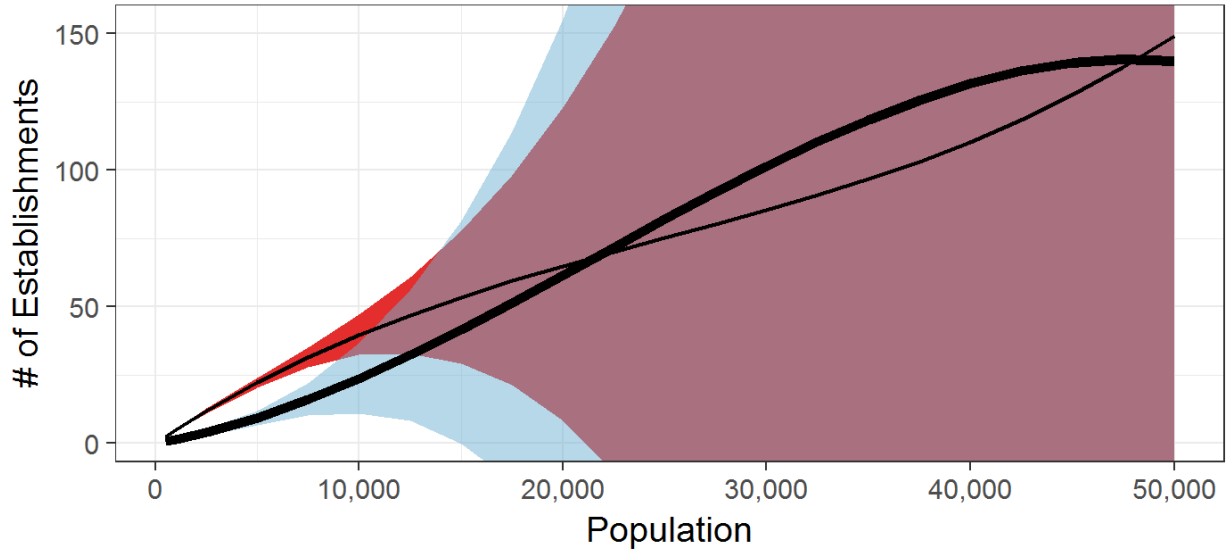
Transportation and Warehousing Estbs. Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



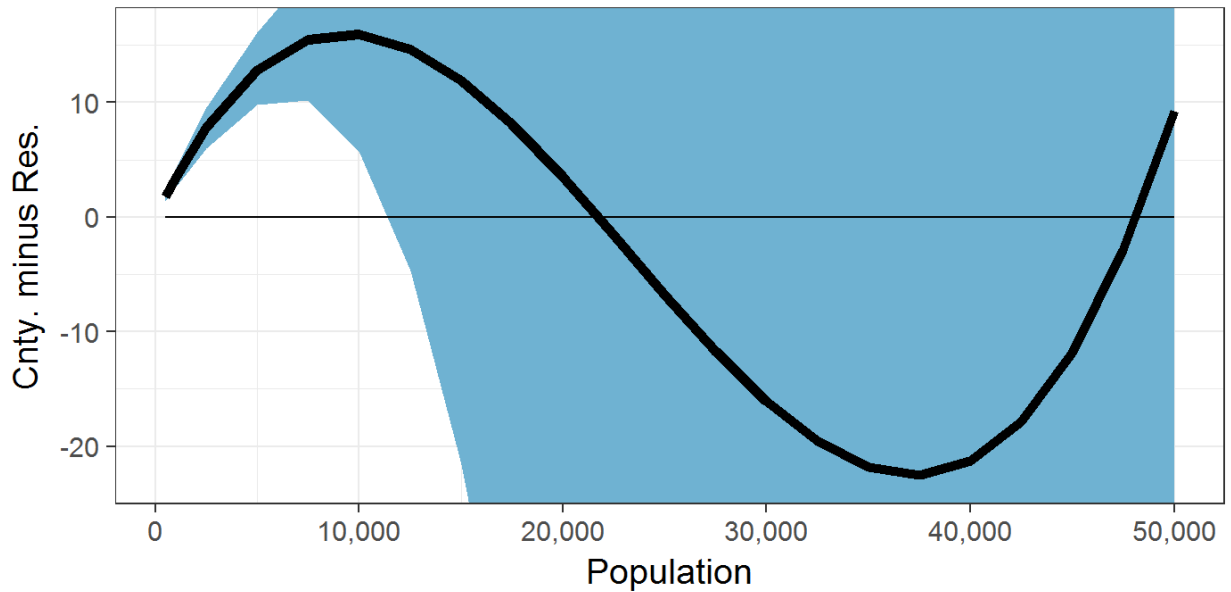
Transportation and Warehousing Estbs. (11-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



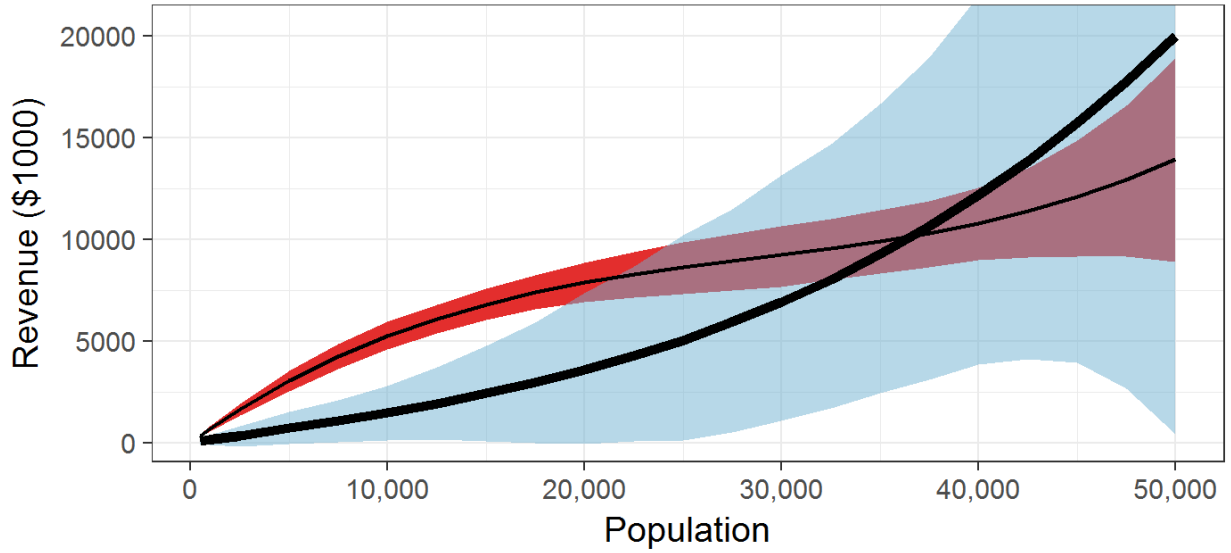
Transportation and Warehousing Estbs. Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



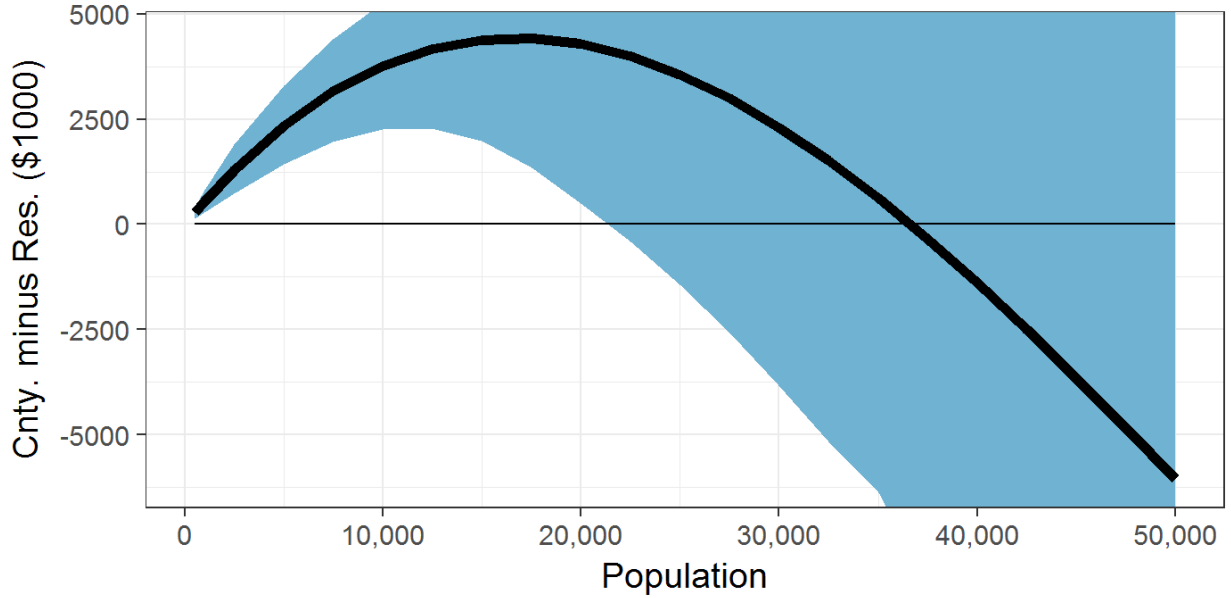
Transportation and Warehousing Revenue (6-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



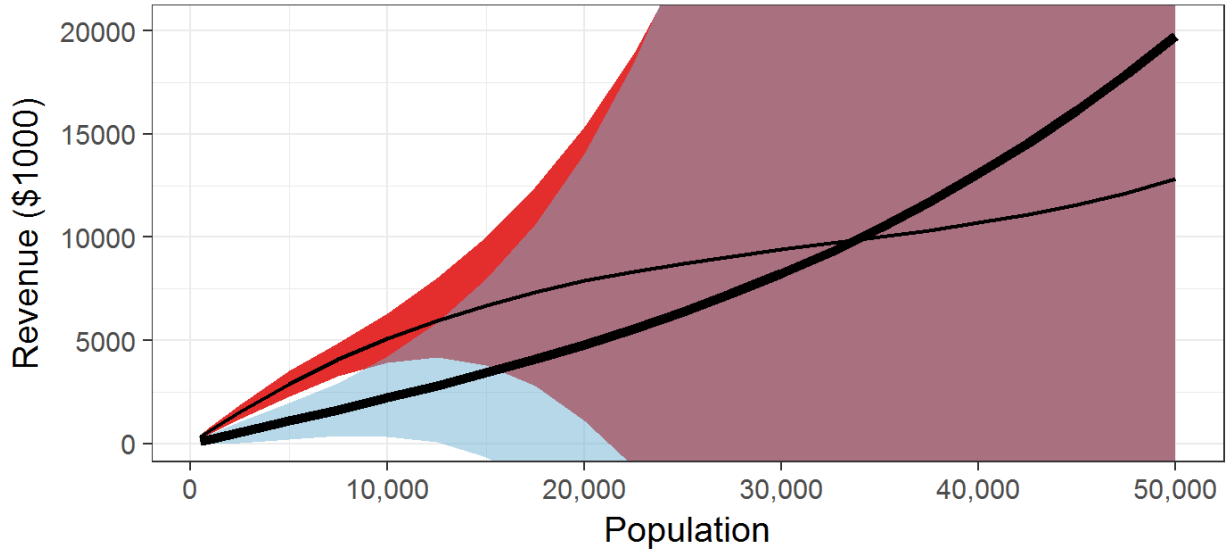
Transportation and Warehousing Revenue Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



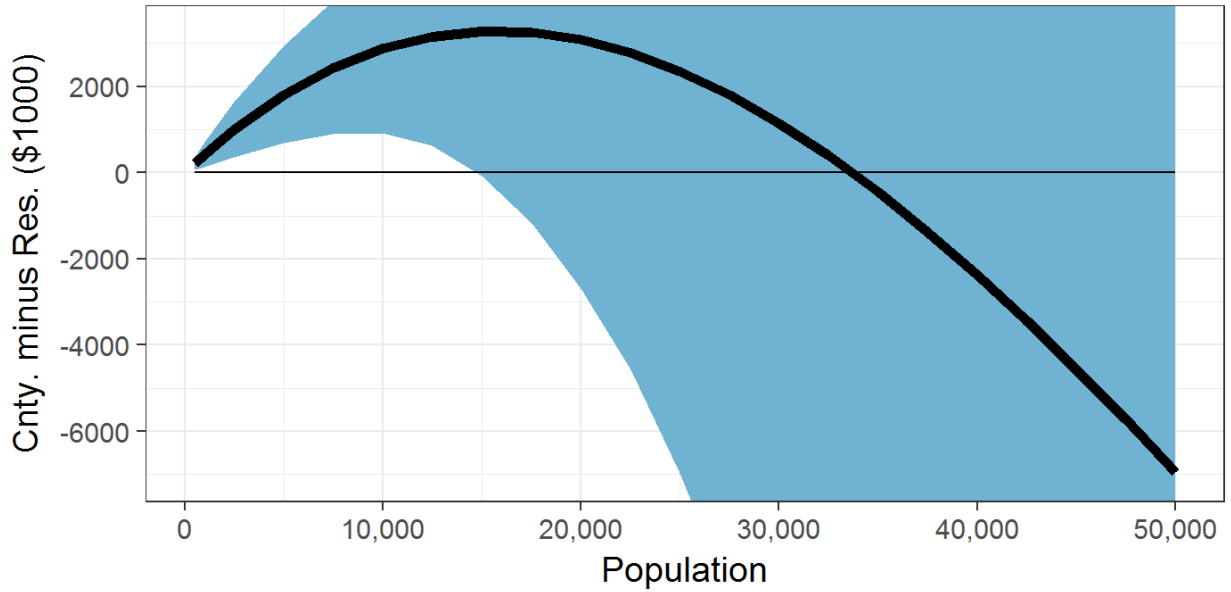
Transportation and Warehousing Revenue (11-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



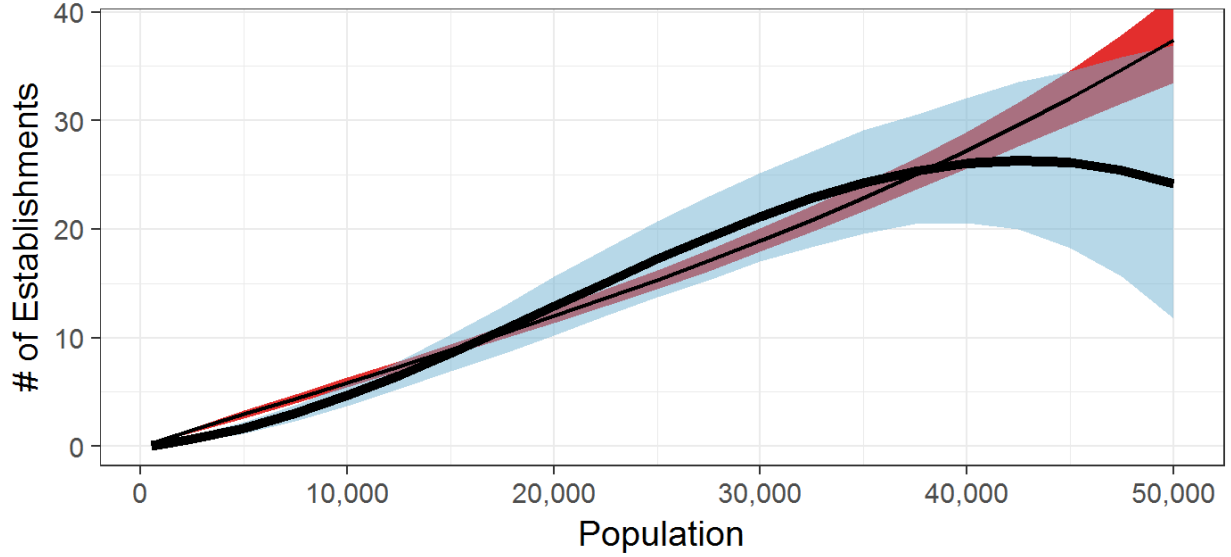
Transportation and Warehousing Revenue Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



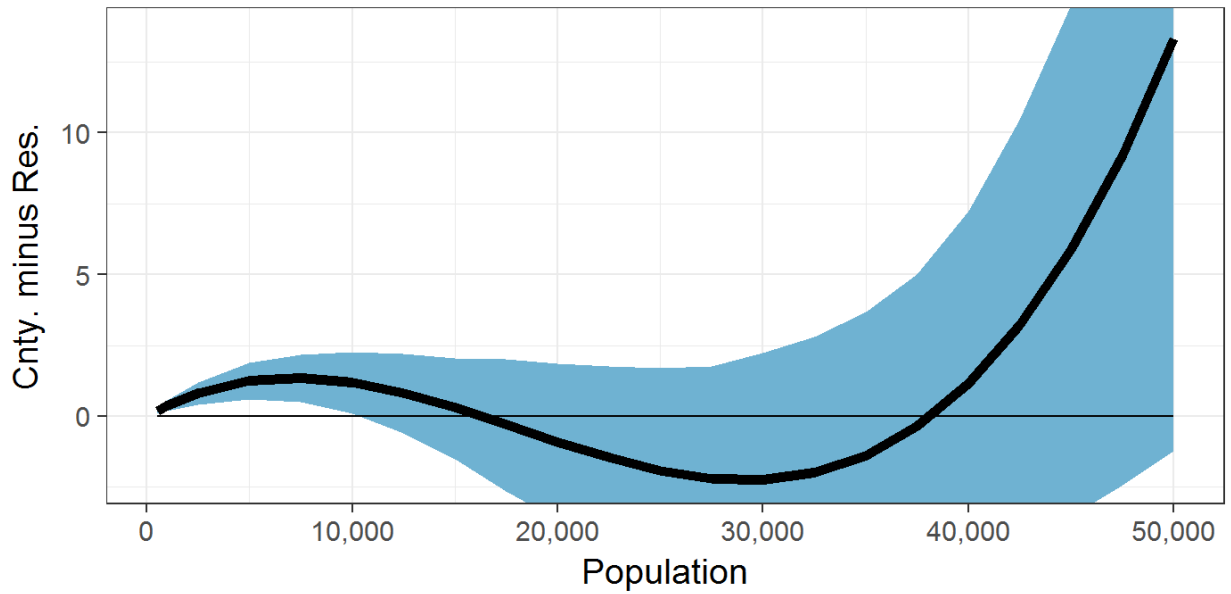
Information Estbs. (6-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



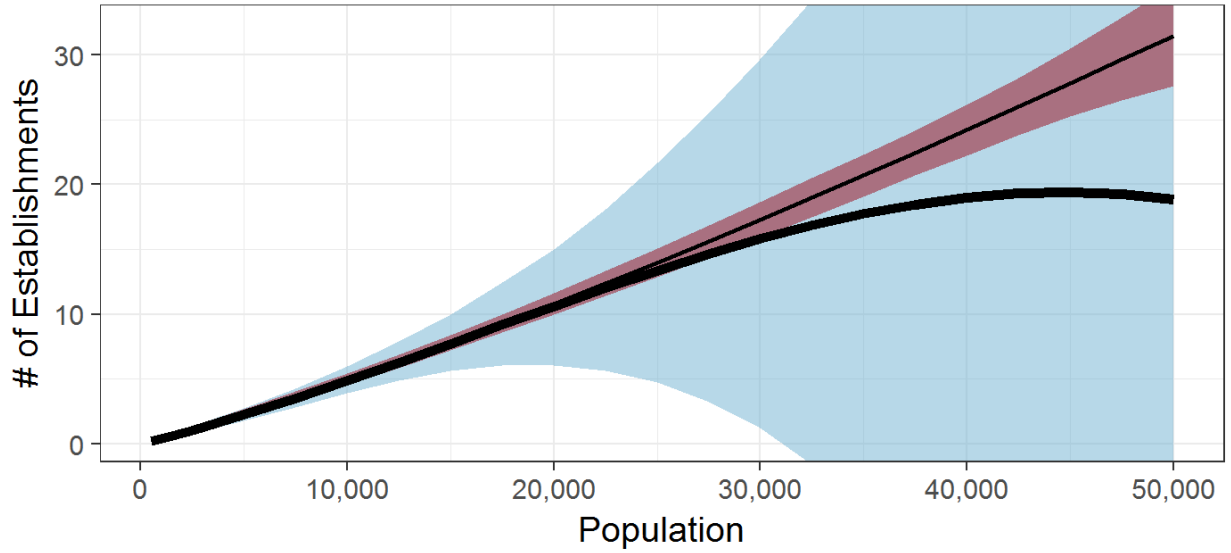
Information Estbs. Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



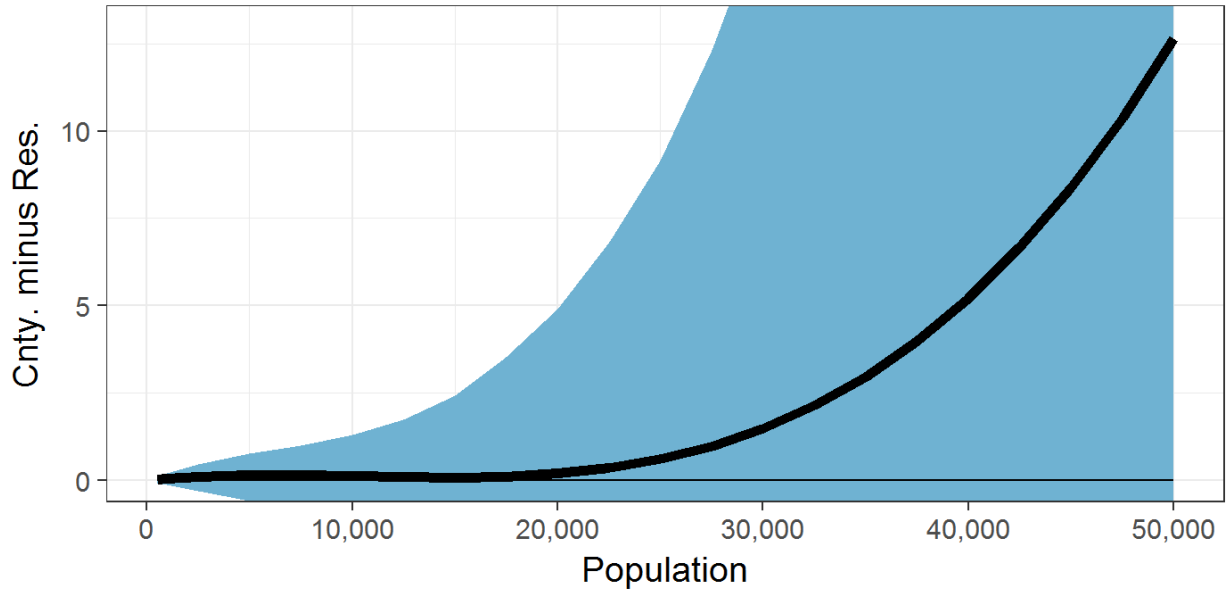
Information Estbs. (11-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



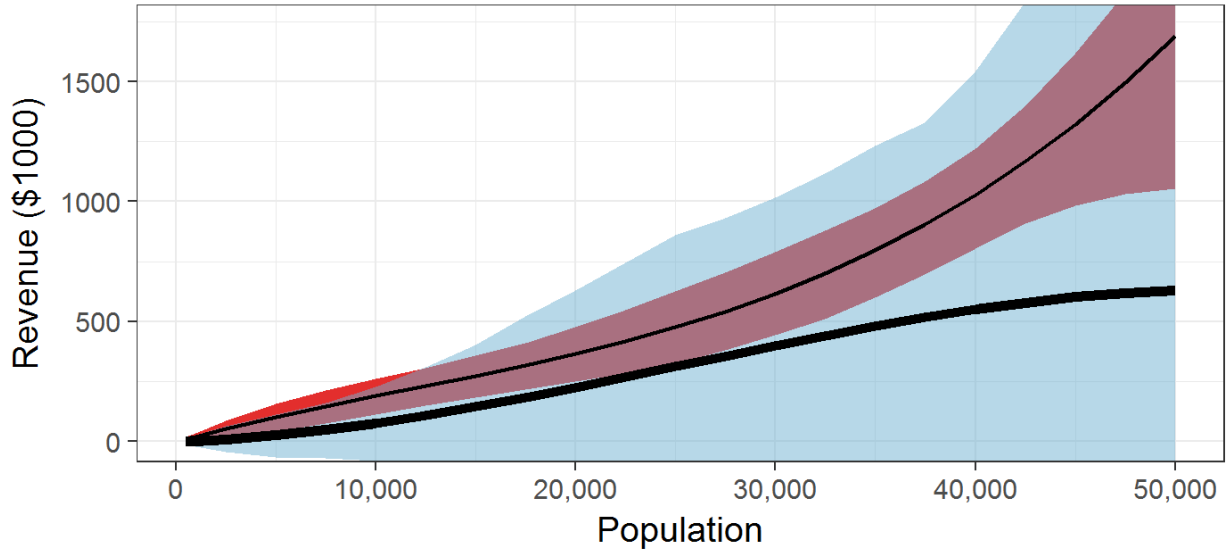
Information Estbs. Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



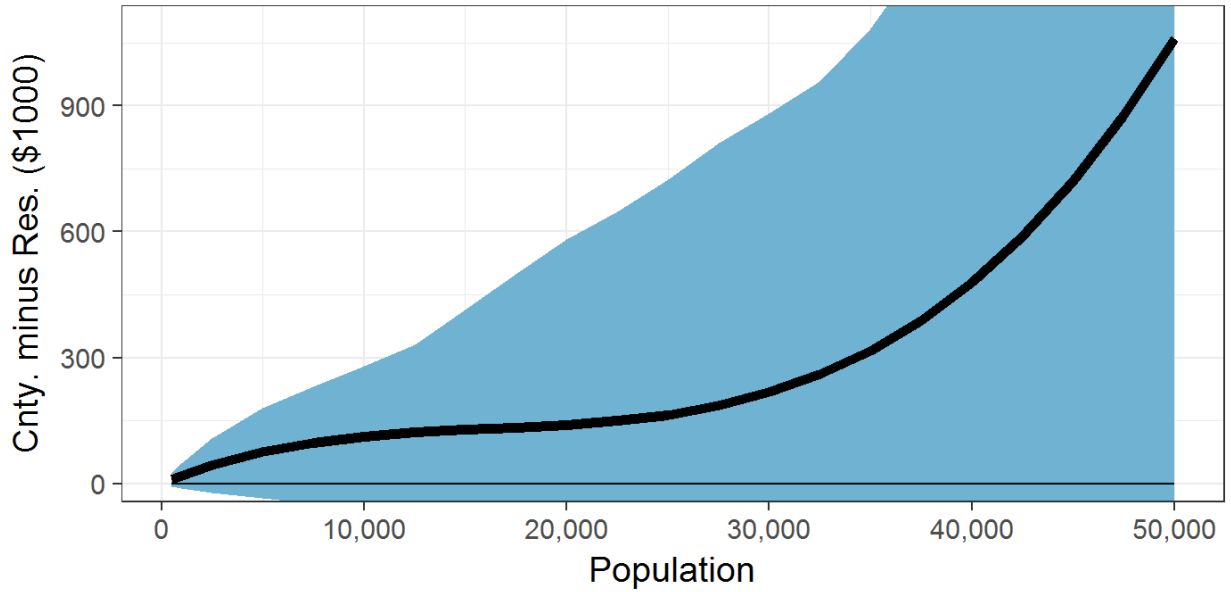
Information Revenue (6-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



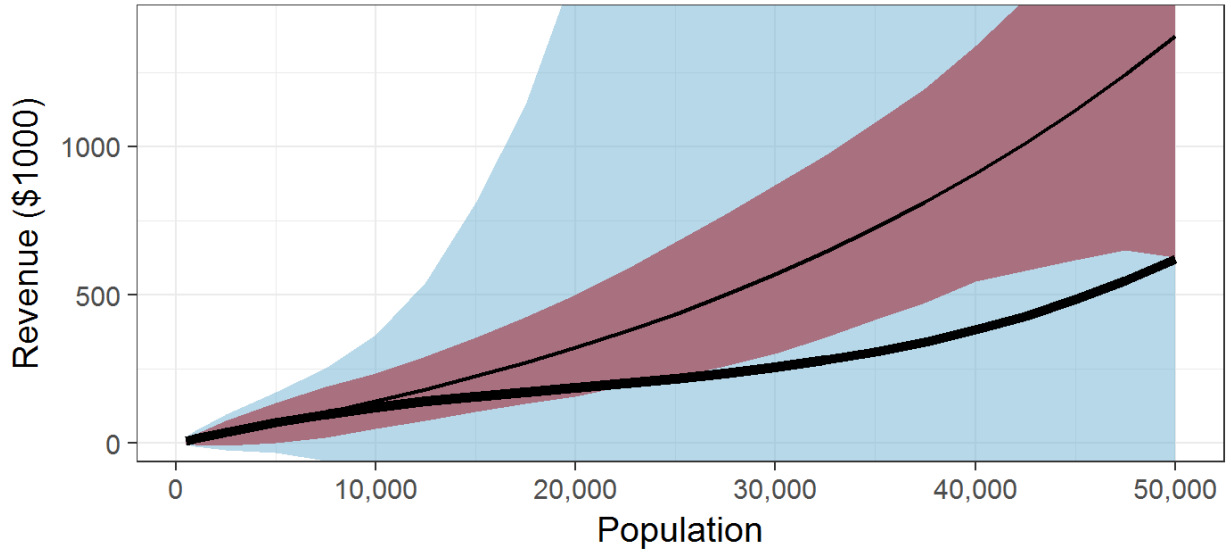
Information Revenue Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



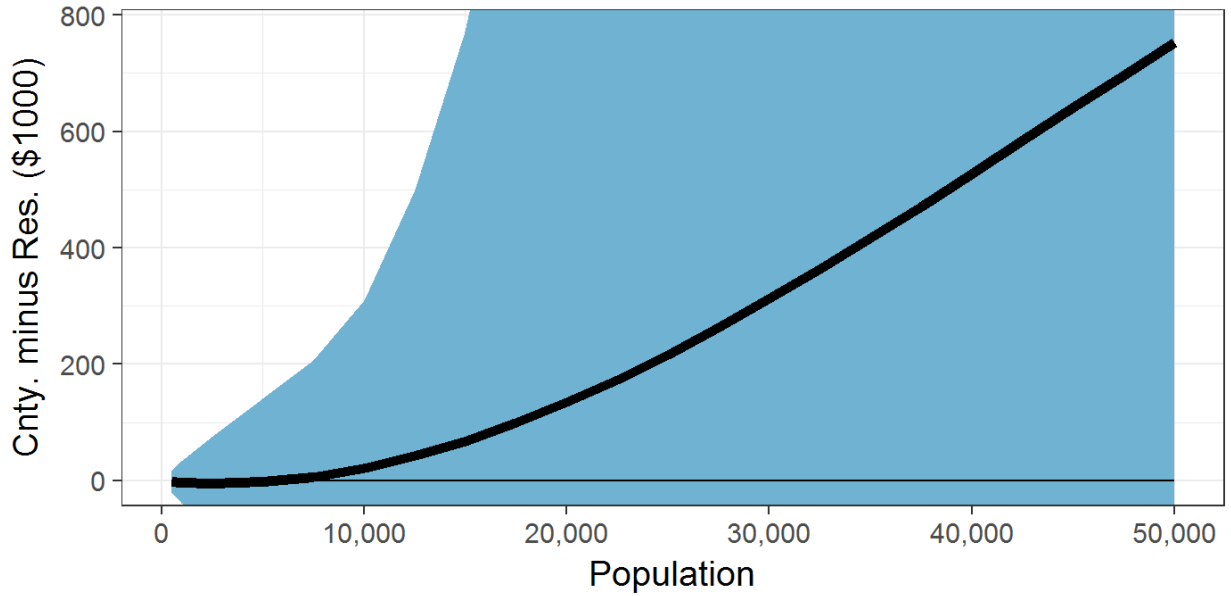
Information Revenue (11-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



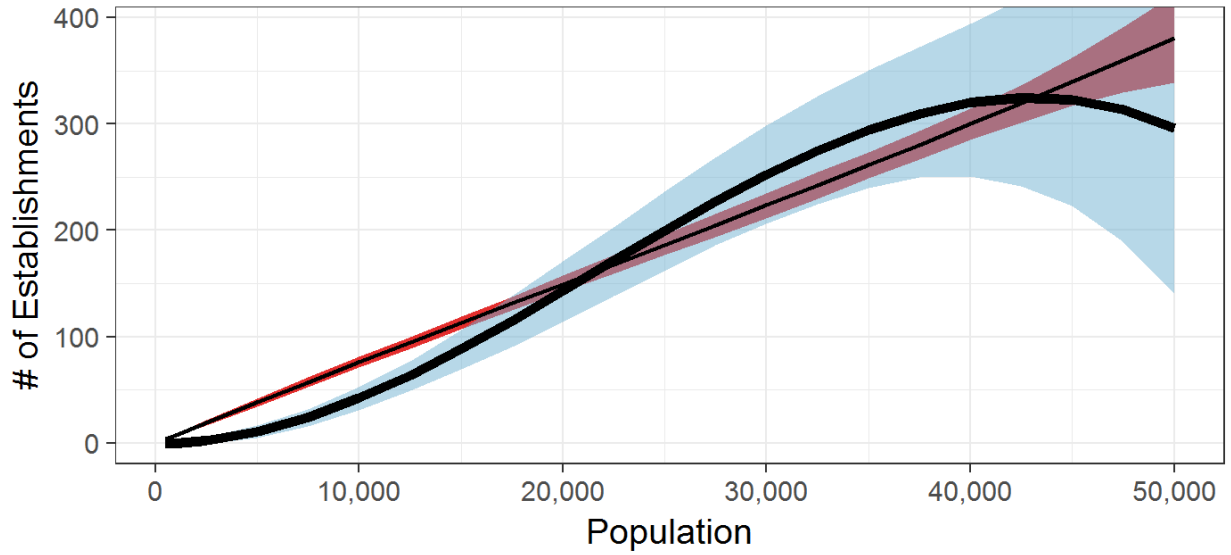
Information Revenue Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



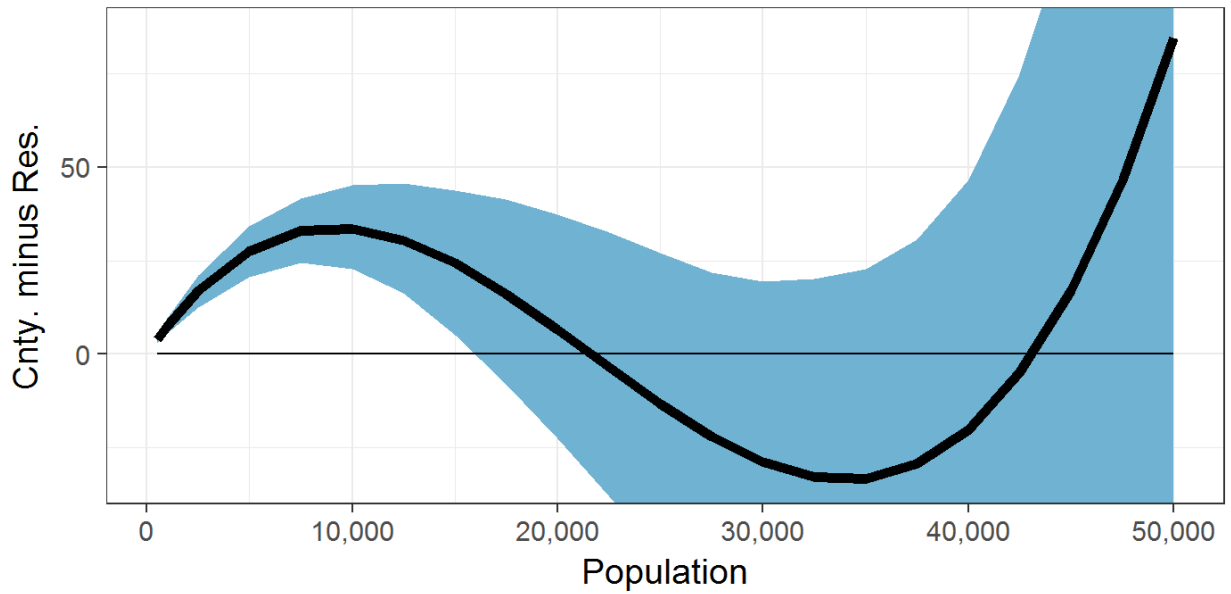
Finance Estbs. (6-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



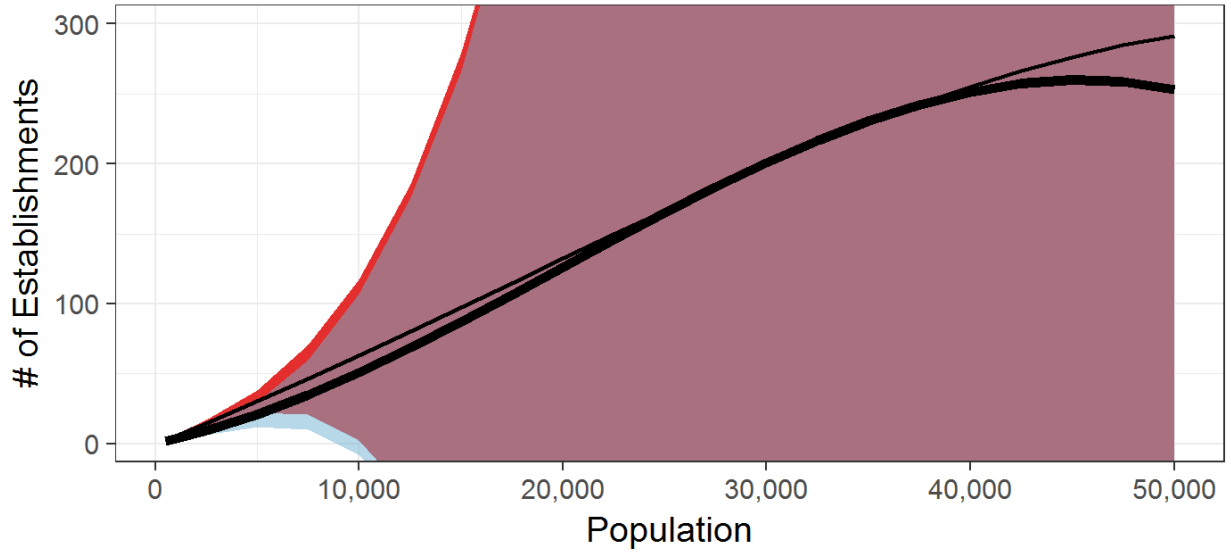
Finance Estbs. Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



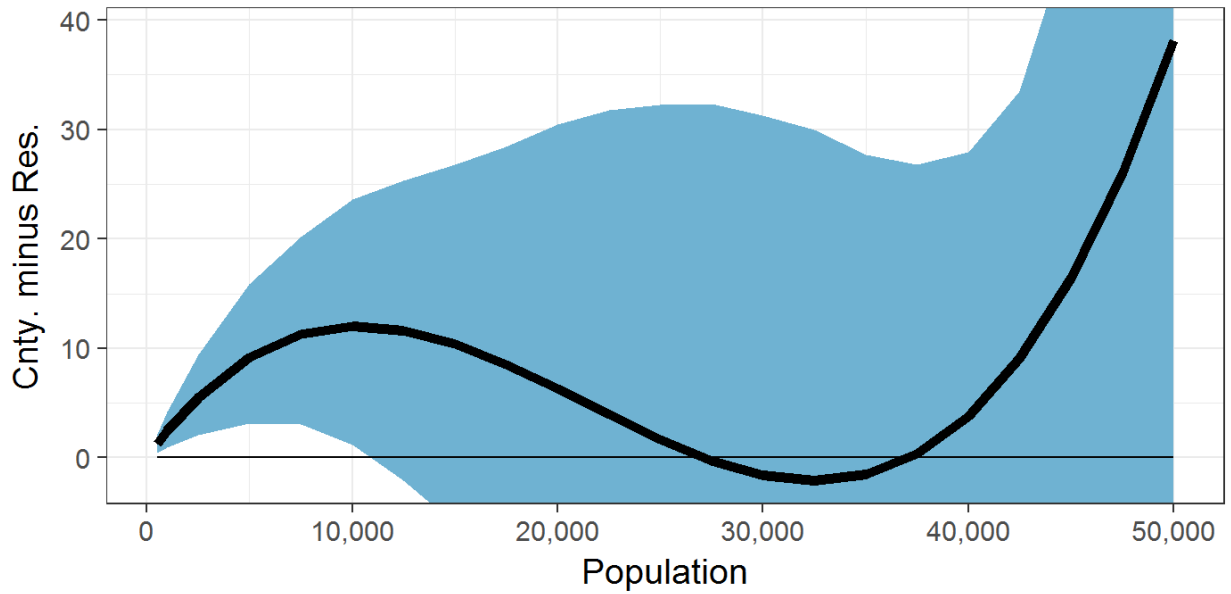
Finance Estbs. (11-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



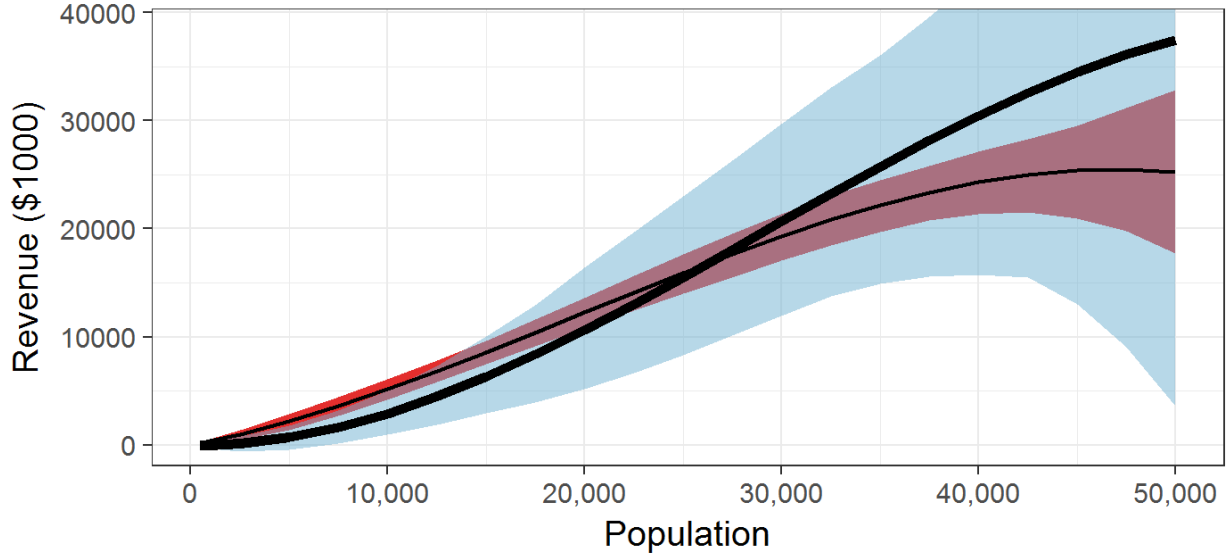
Finance Estbs. Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



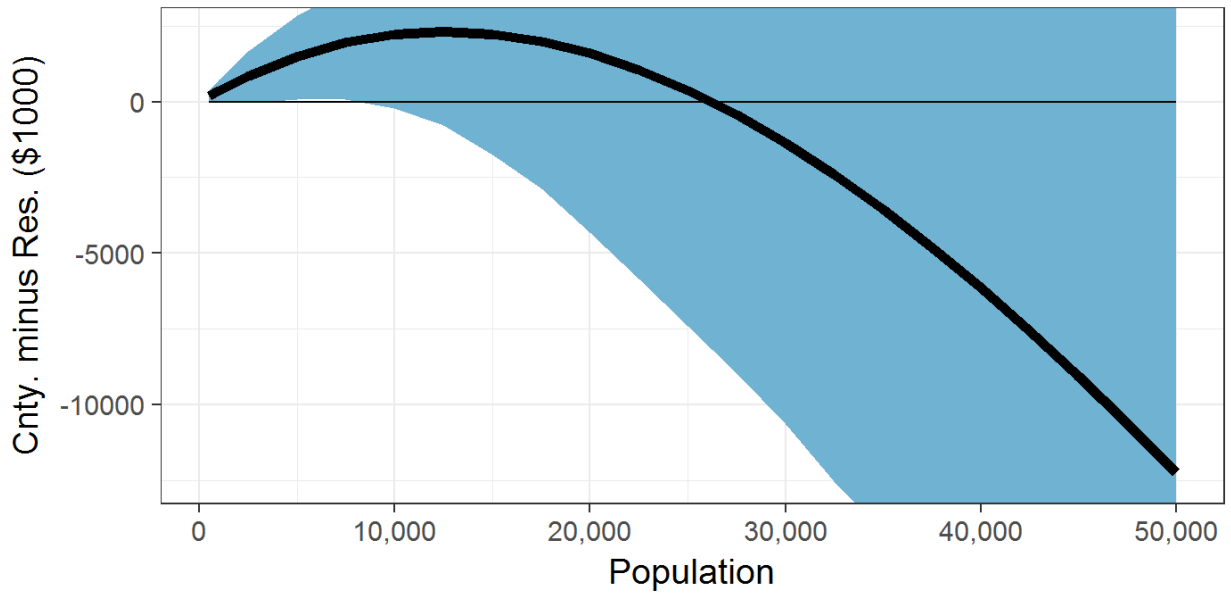
Finance Revenue (6-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



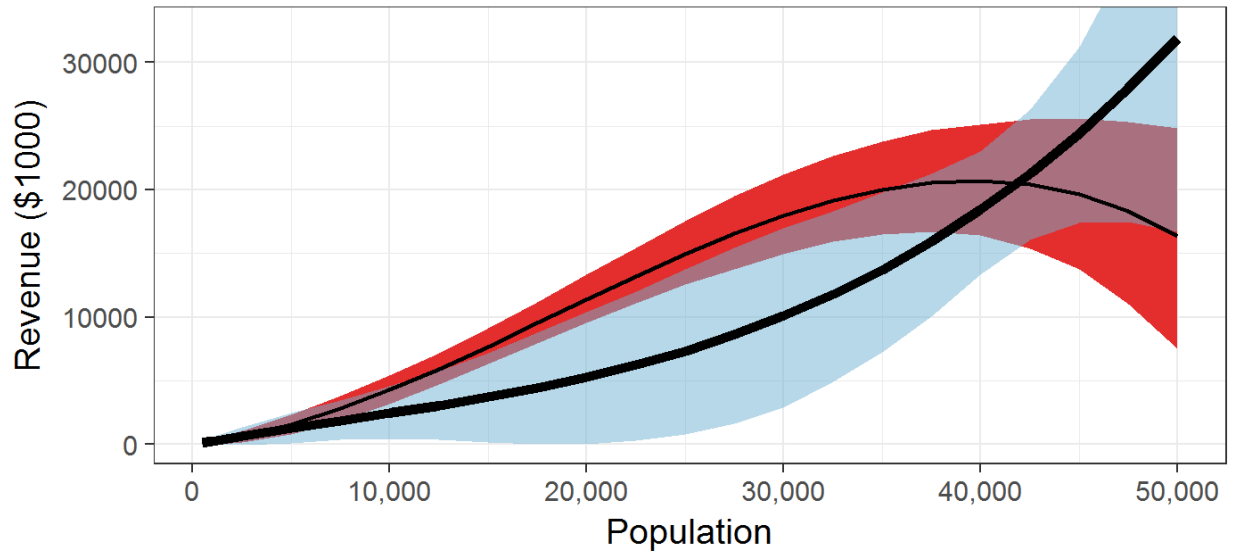
Finance Revenue Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



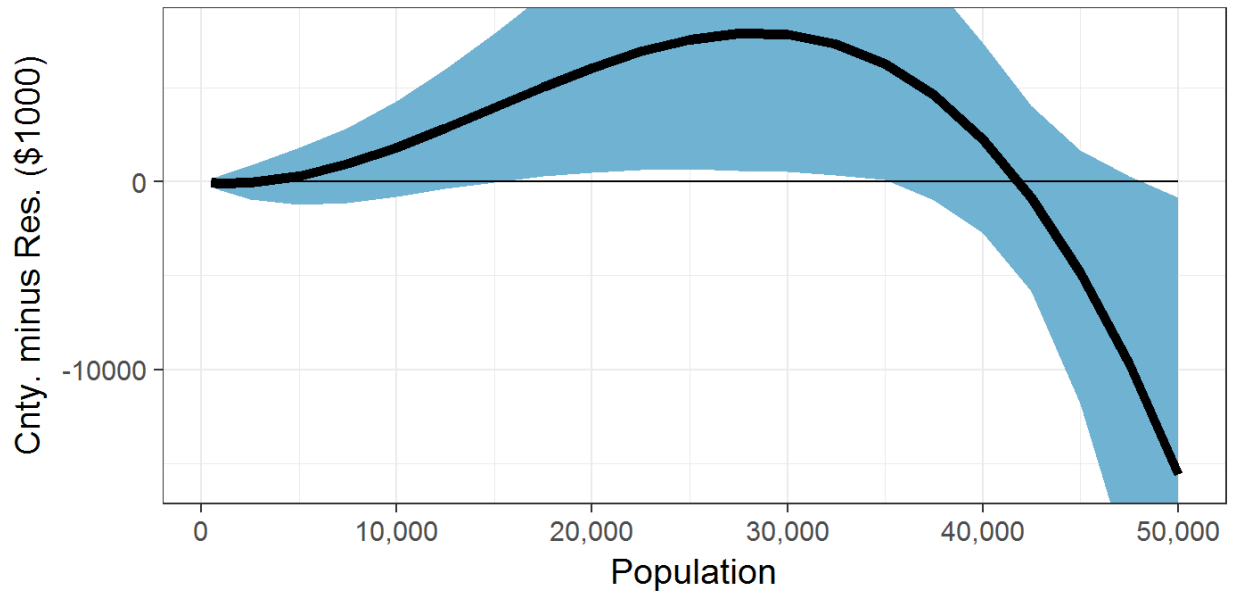
Finance Revenue (11-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



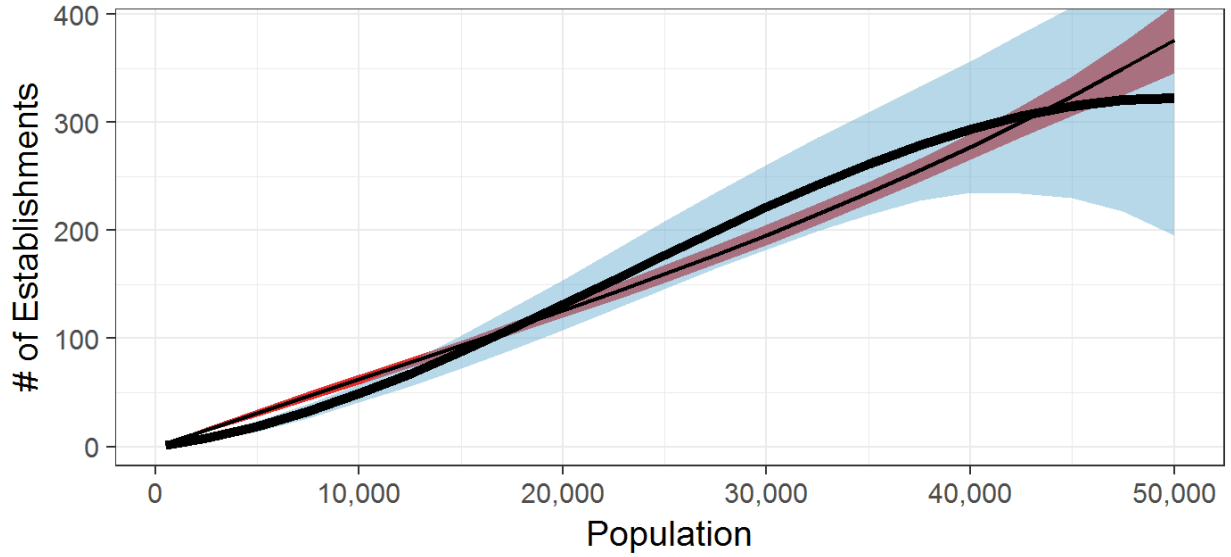
Finance Revenue Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



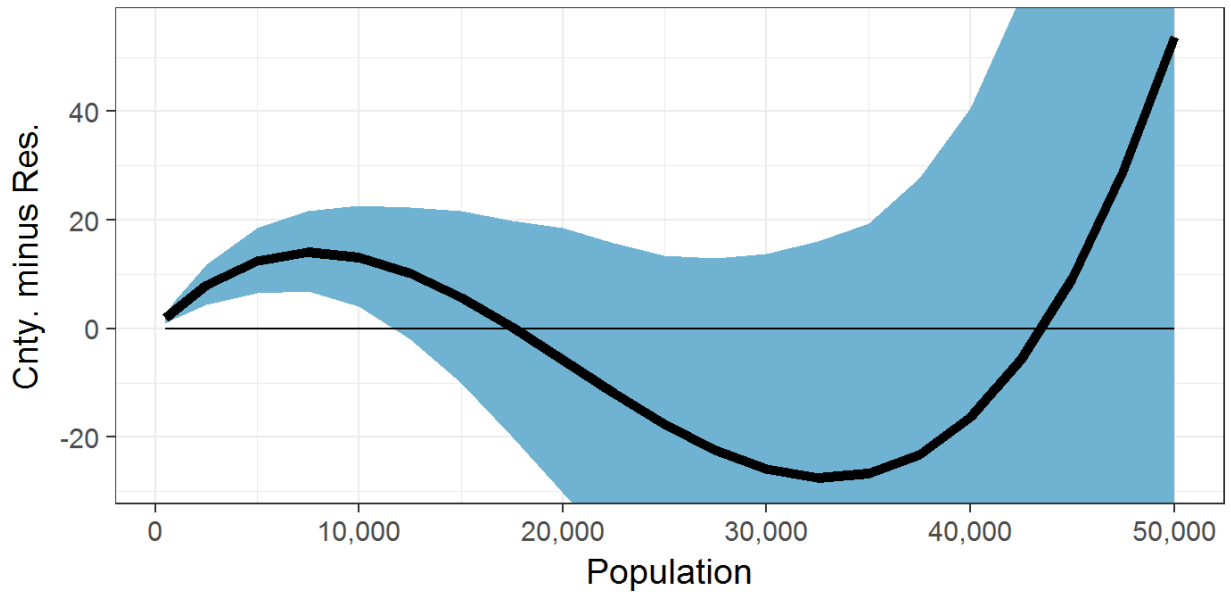
Prof/Sci/Tech Estbs. (6-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



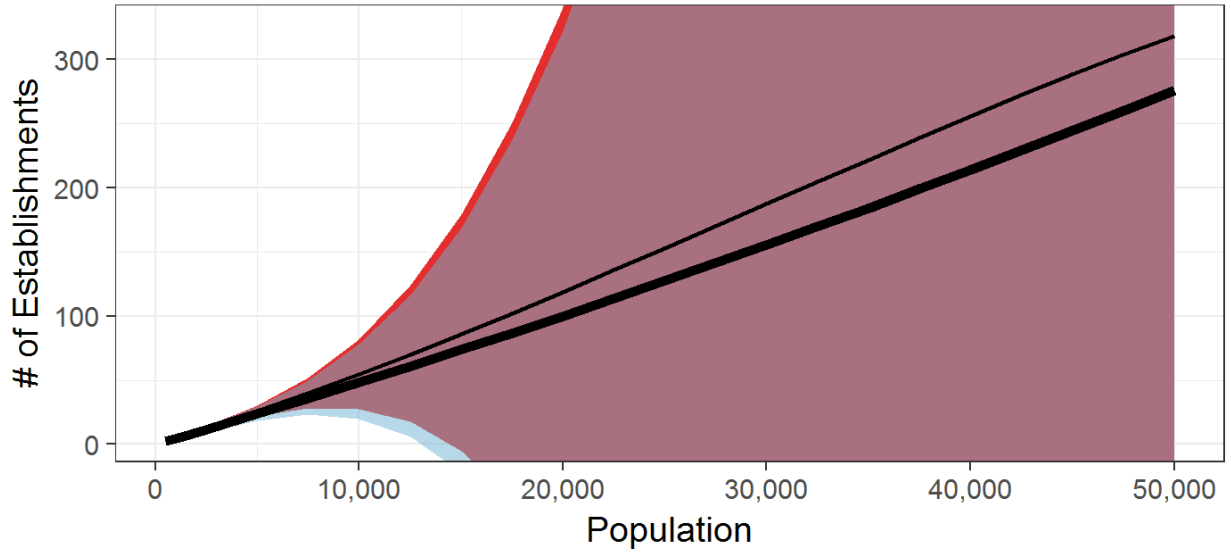
Prof/Sci/Tech Estbs. Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



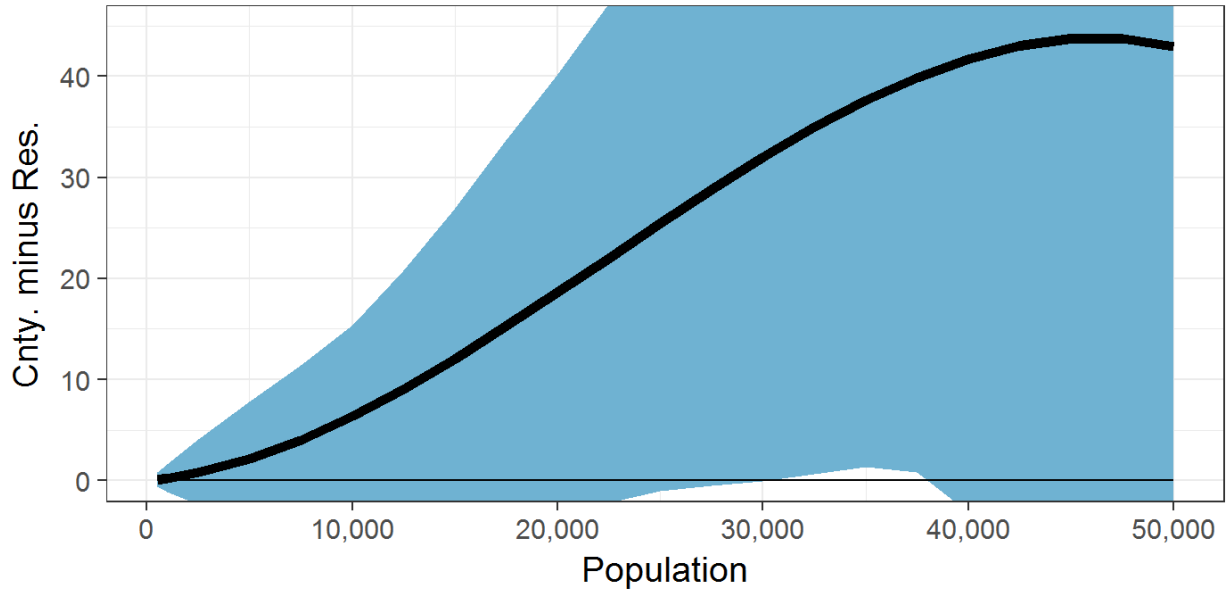
Prof/Sci/Tech Estbs. (11-Var. WLS)

Confidence Bands around Fitted Value Lines
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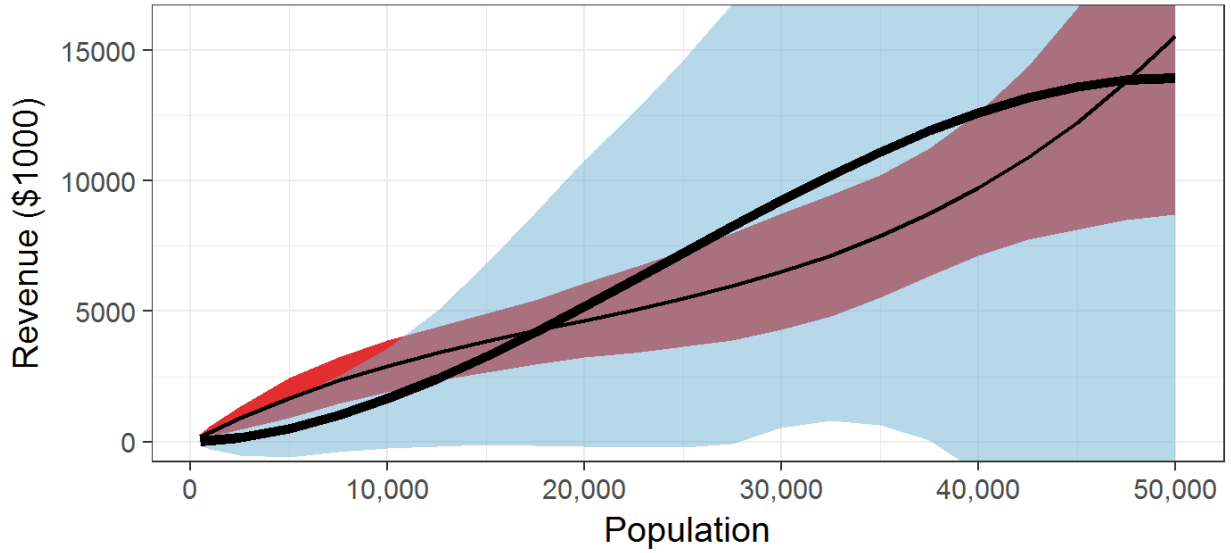
Prof/Sci/Tech Estbs. Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



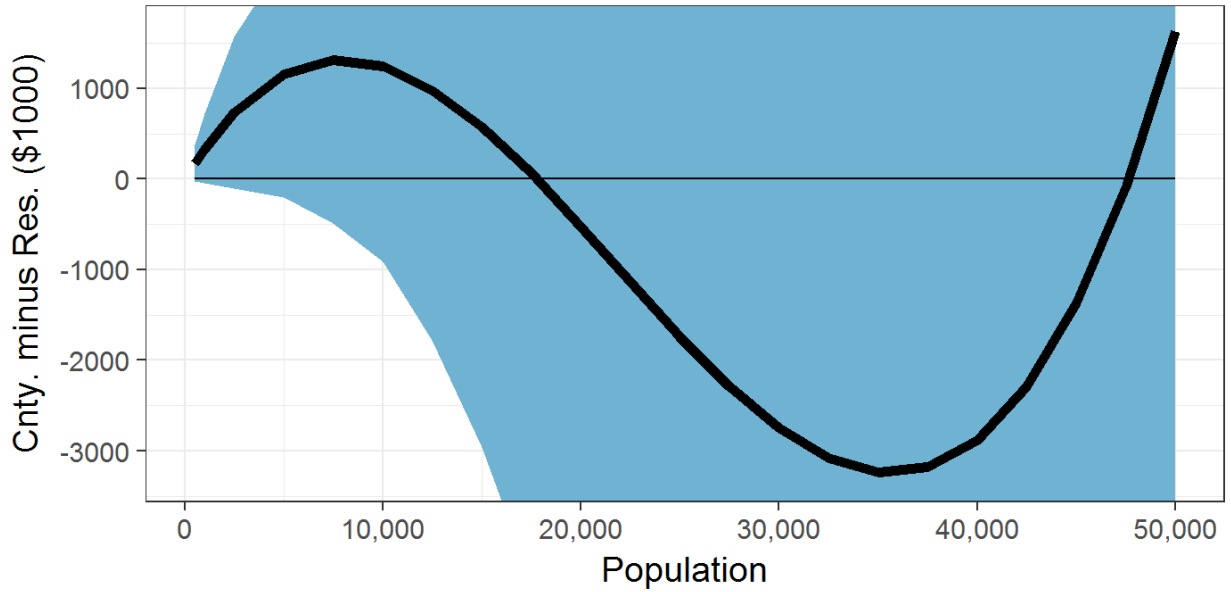
Prof/Sci/Tech Revenue (6-Var. WLS)

Confidence Bands around Fitted Value Lines
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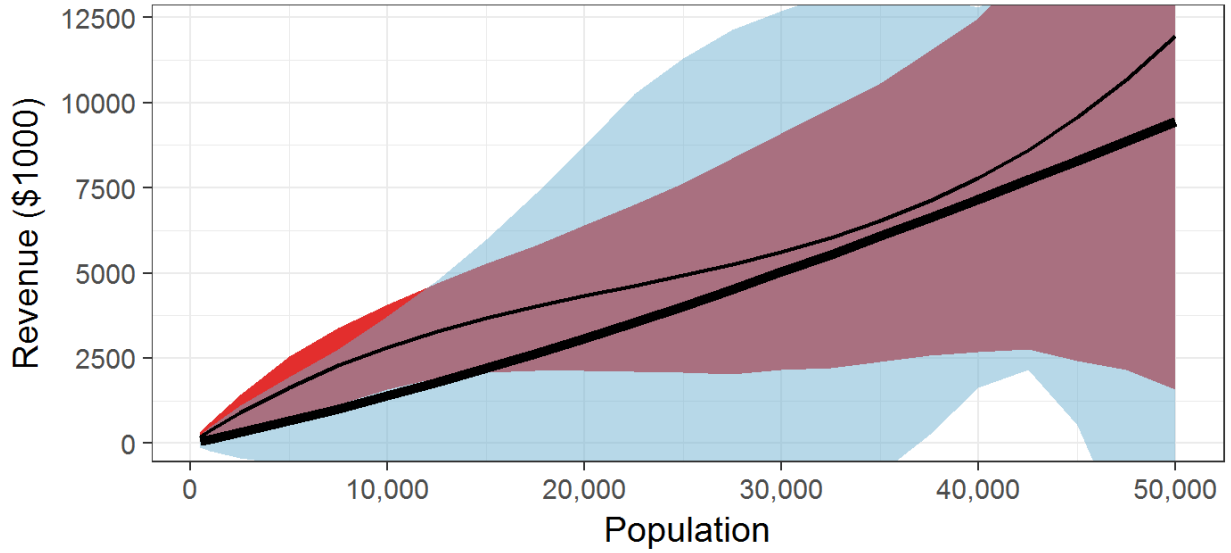
Prof/Sci/Tech Revenue Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



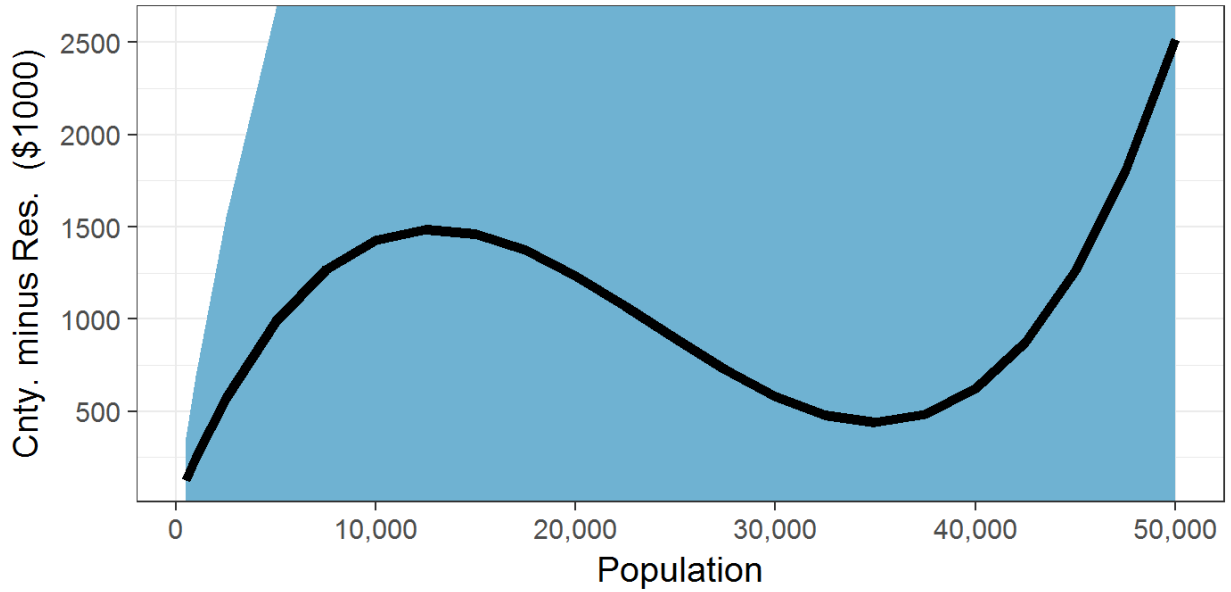
Prof/Sci/Tech Revenue (11-Var. WLS)

Confidence Bands around Fitted Value Lines
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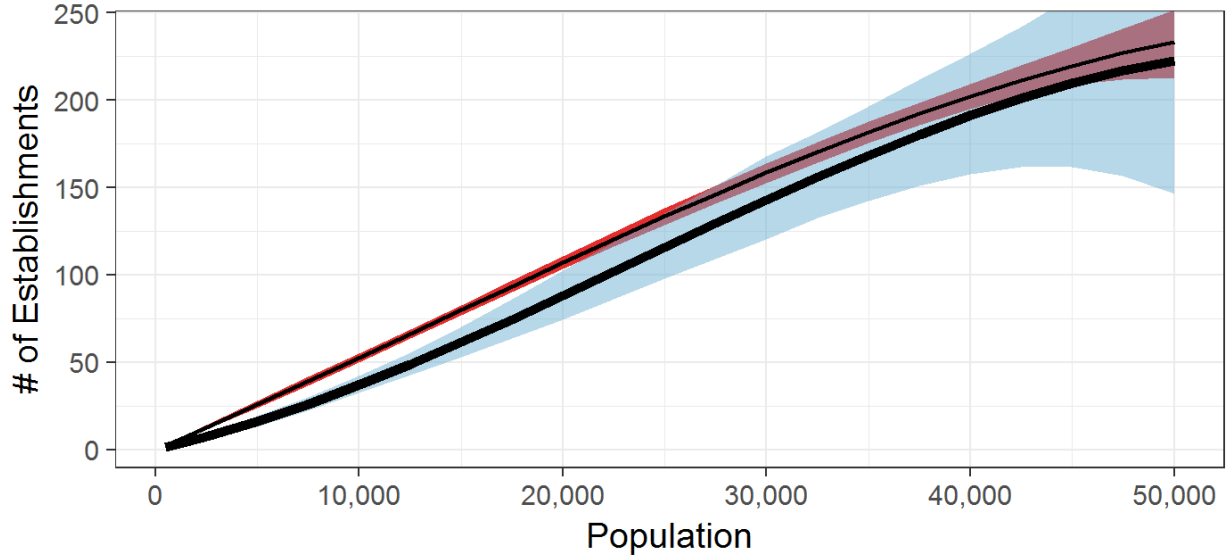
Prof/Sci/Tech Revenue Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



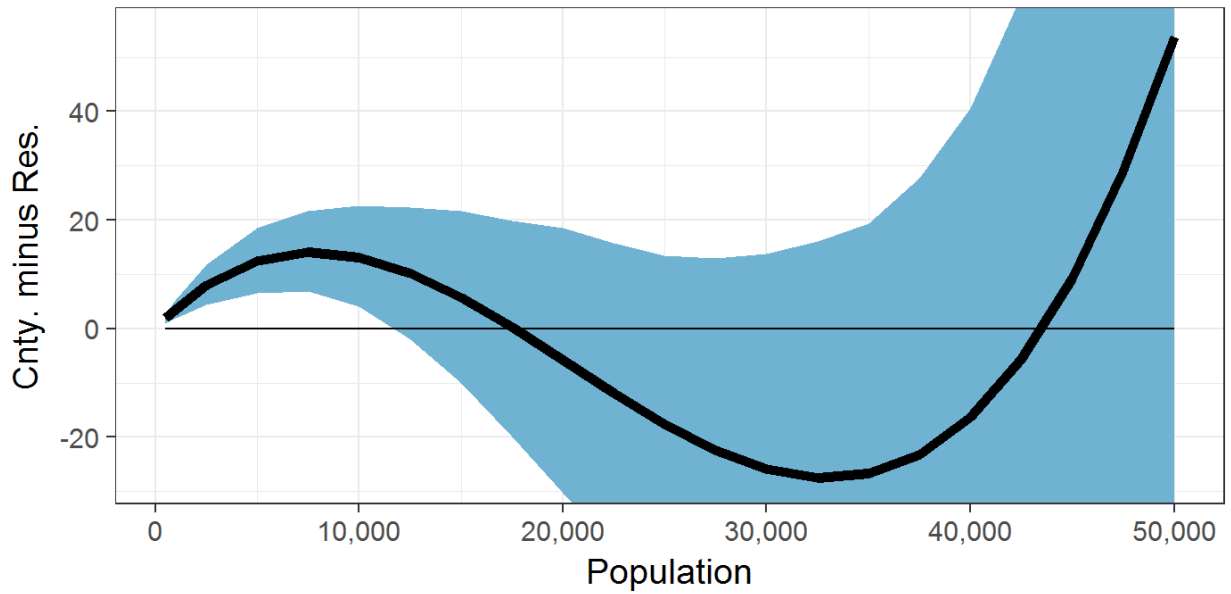
Mgmt/Admin/Waste Estbs. (6-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



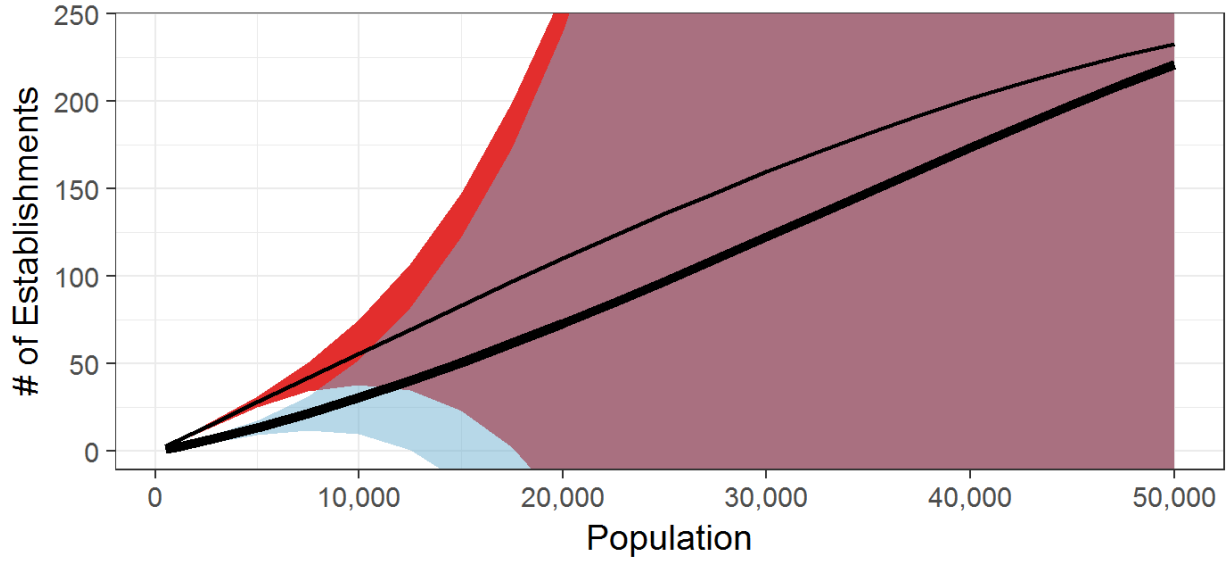
Prof/Sci/Tech Estbs. Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



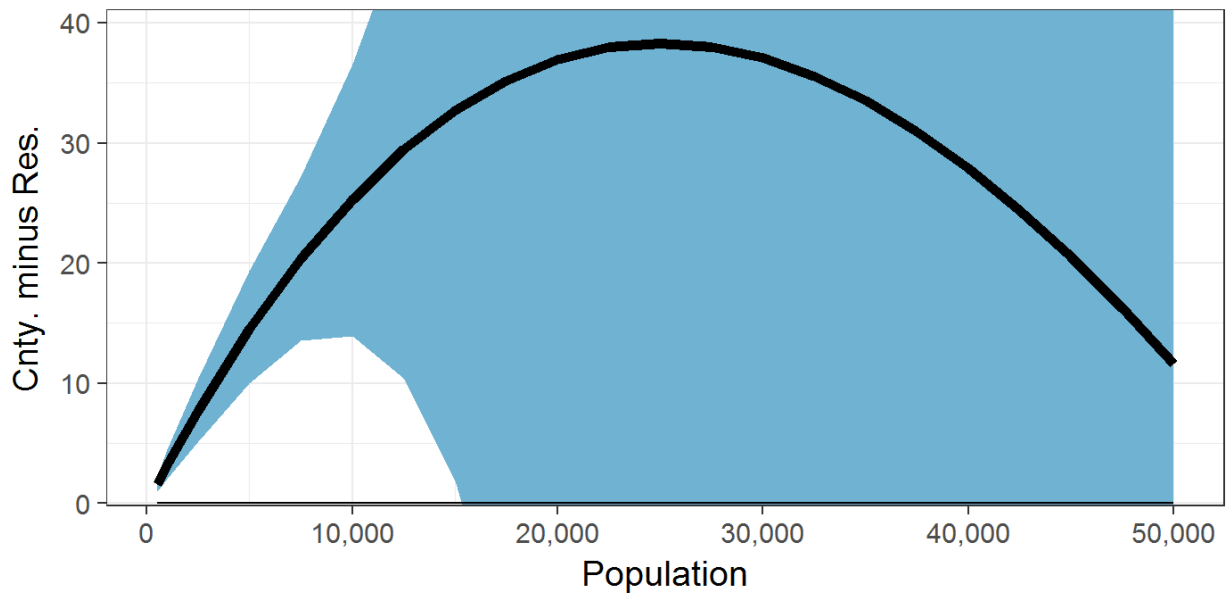
Mgmt/Admin/Waste Estbs. (11-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



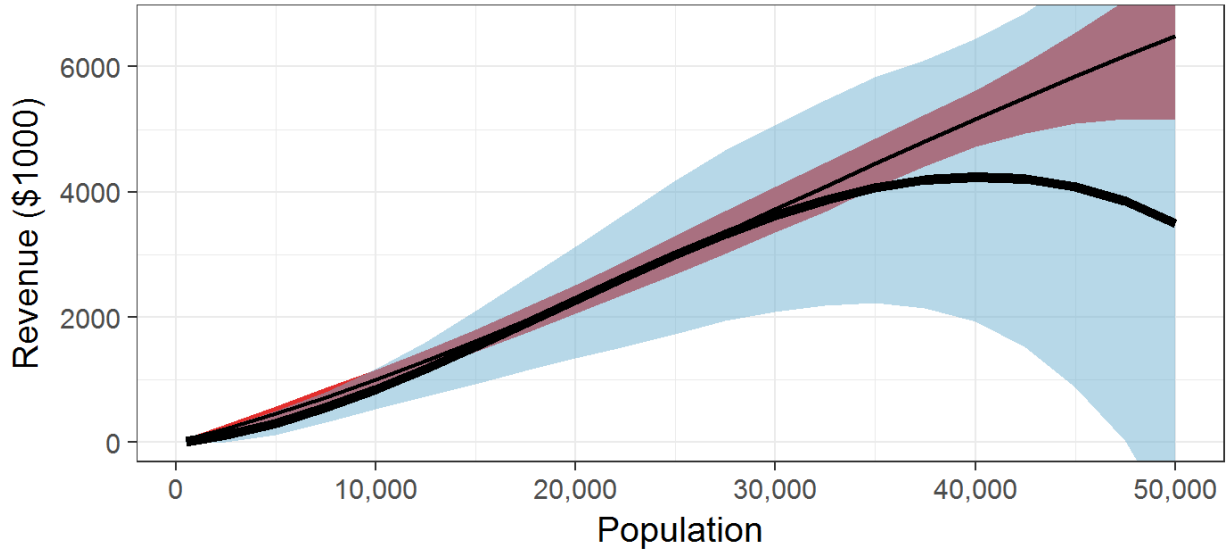
Mgmt/Admin/Waste Estbs. Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



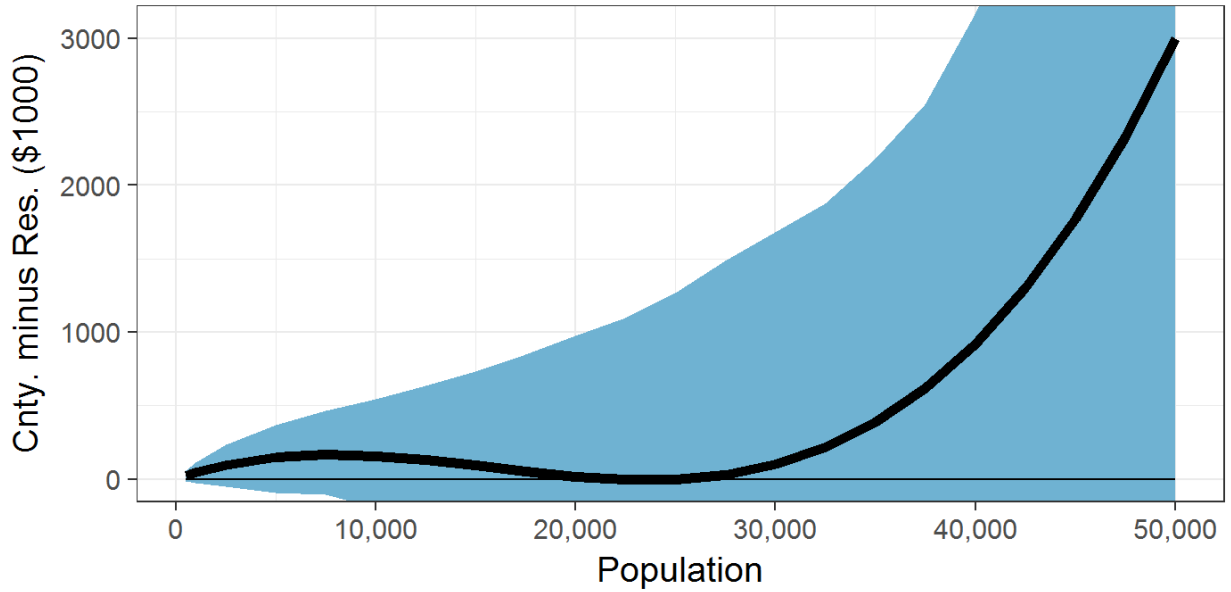
Mgmt/Admin/Waste Revenue (6-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



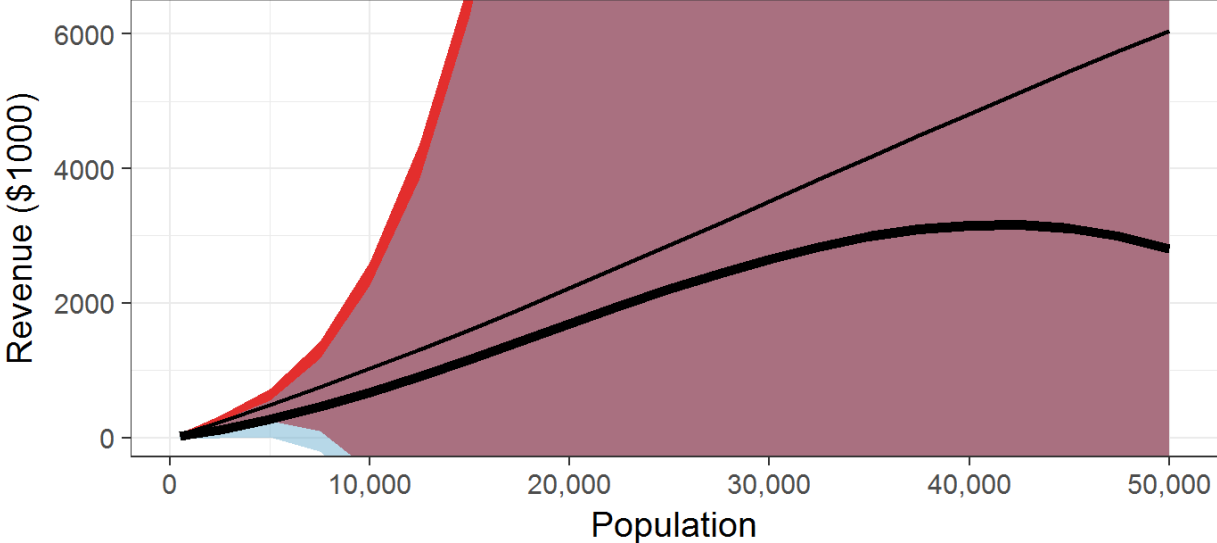
Mgmt/Admin/Waste Revenue Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



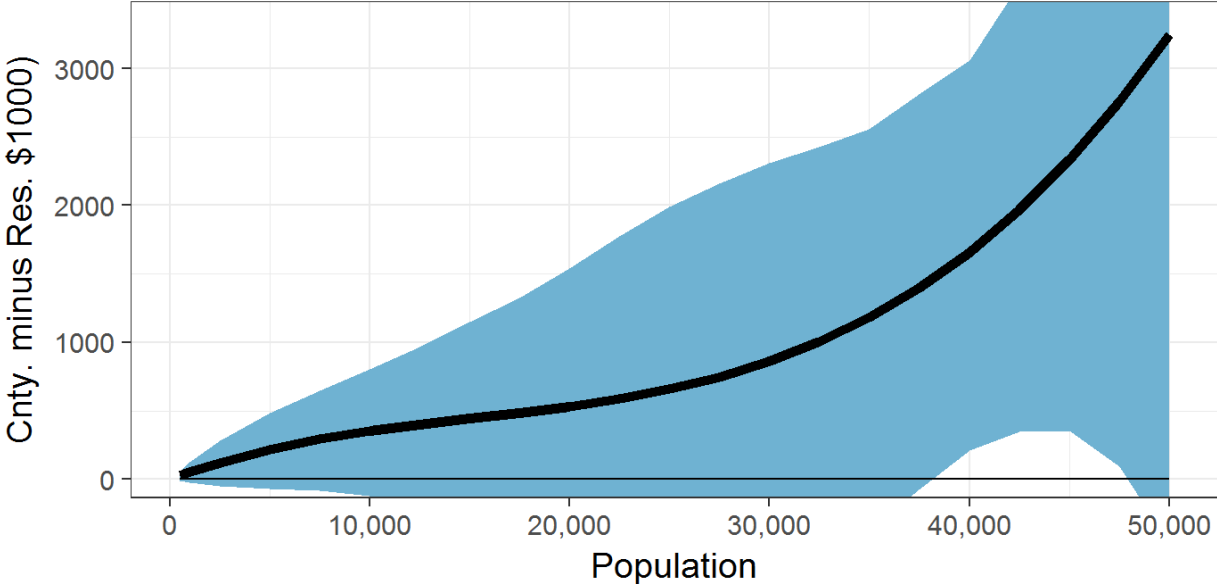
Mgmt/Admin/Waste Revenue (11-Var. WLS)

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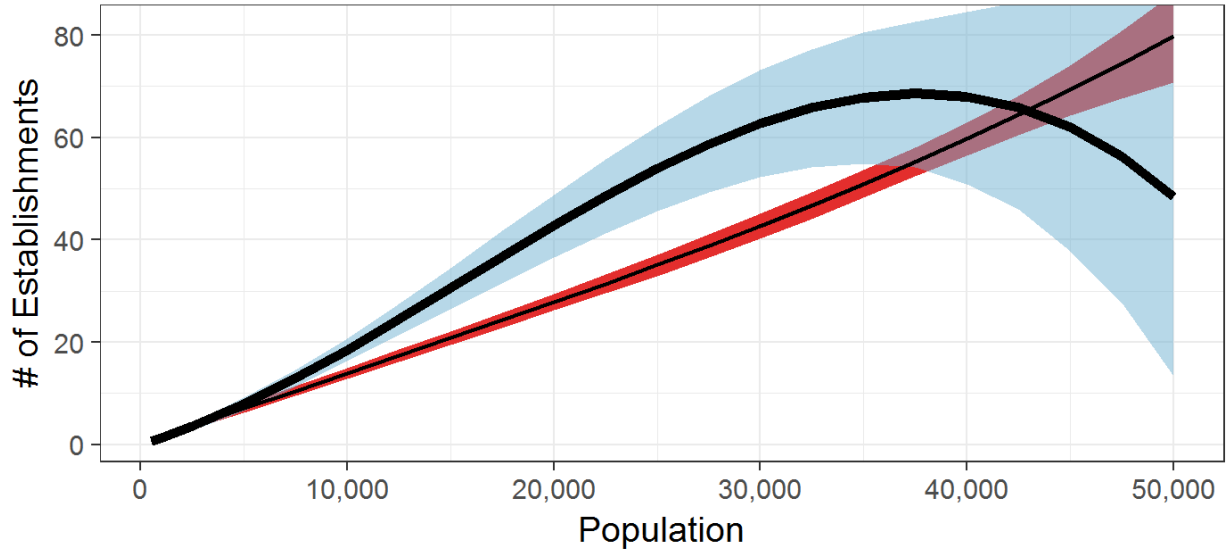
Mgmt/Admin/Waste Revenue Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



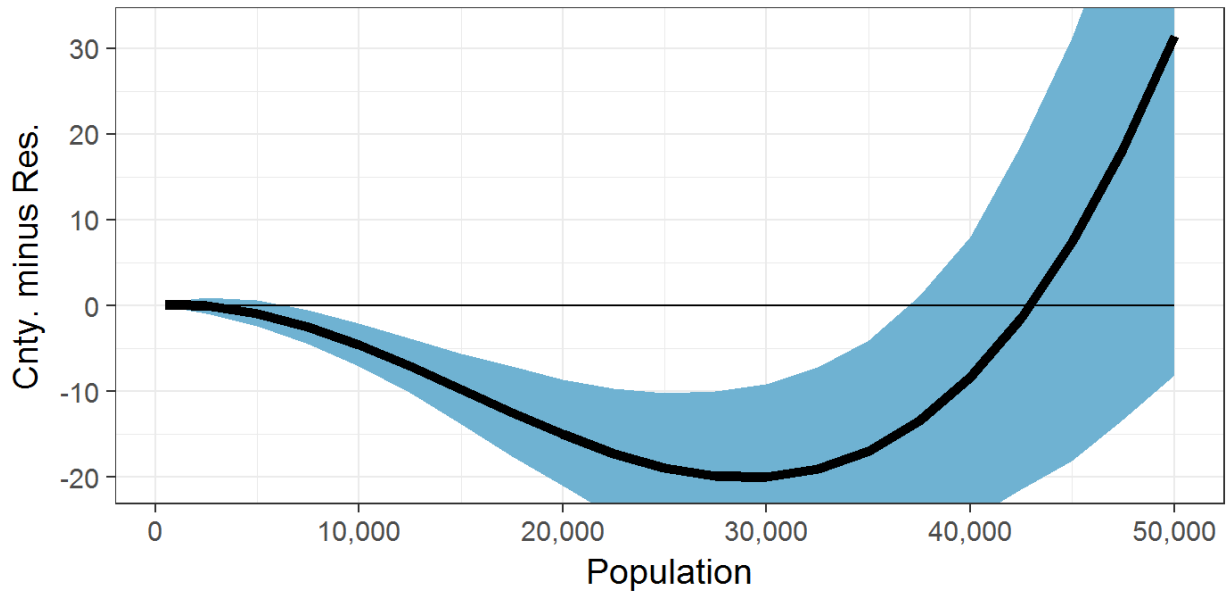
Educational Services Estbs. (6-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



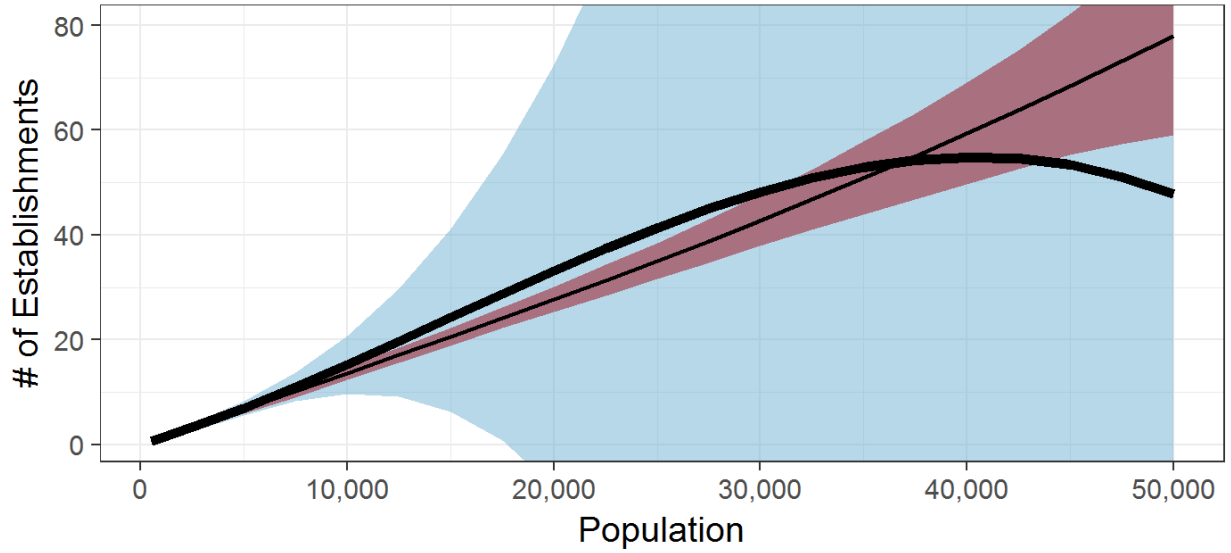
Educational Services Estbs. Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



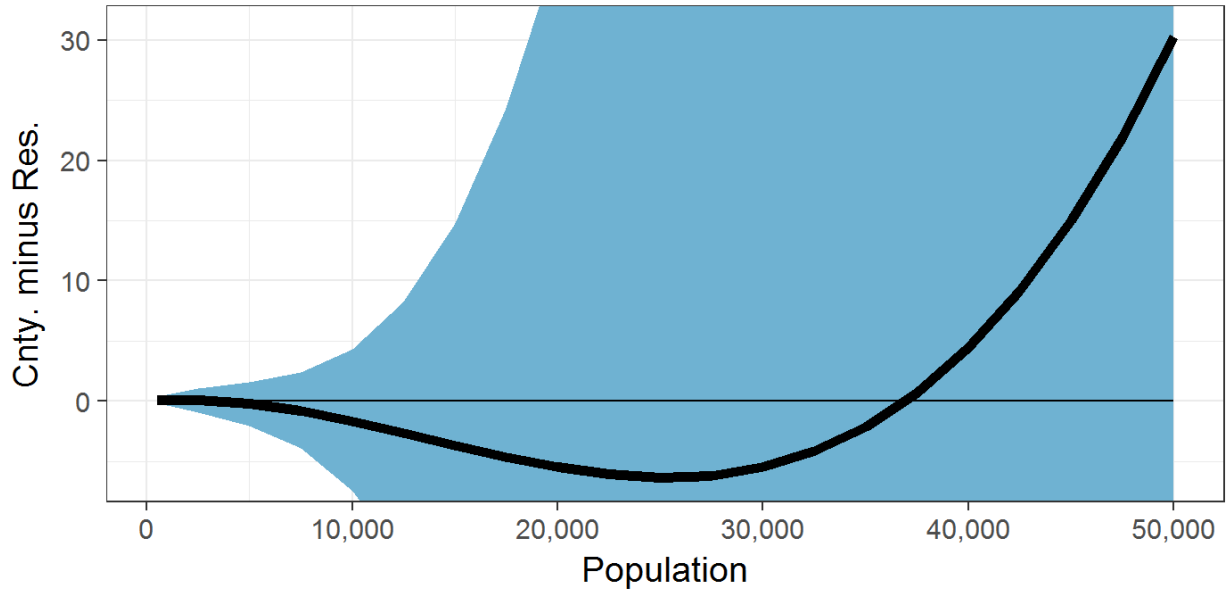
Educational Services Estbs. (11-Var. WLS)

Confidence Bands around Fitted Value Lines
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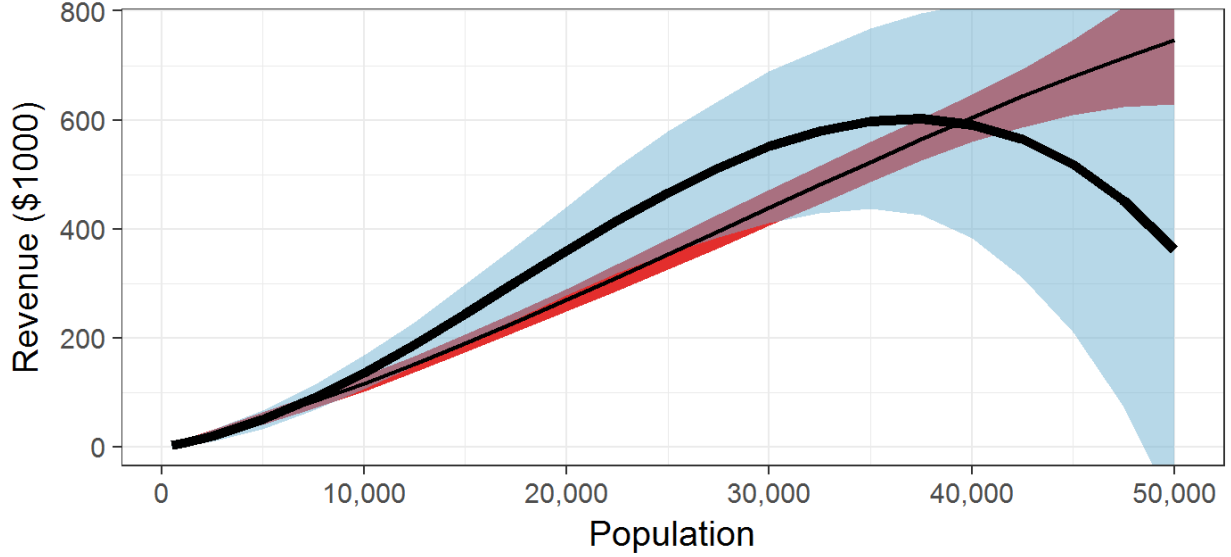
Educational Services Estbs. Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



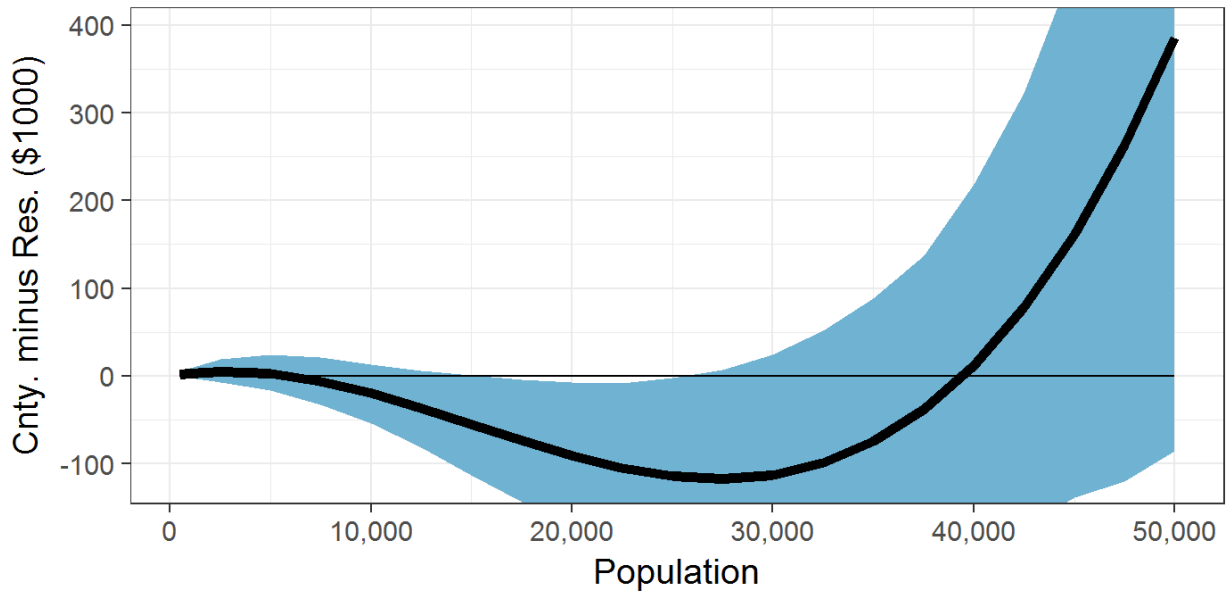
Educational Services Revenue (6-Var. WLS)

Confidence Bands around Fitted Value Lines
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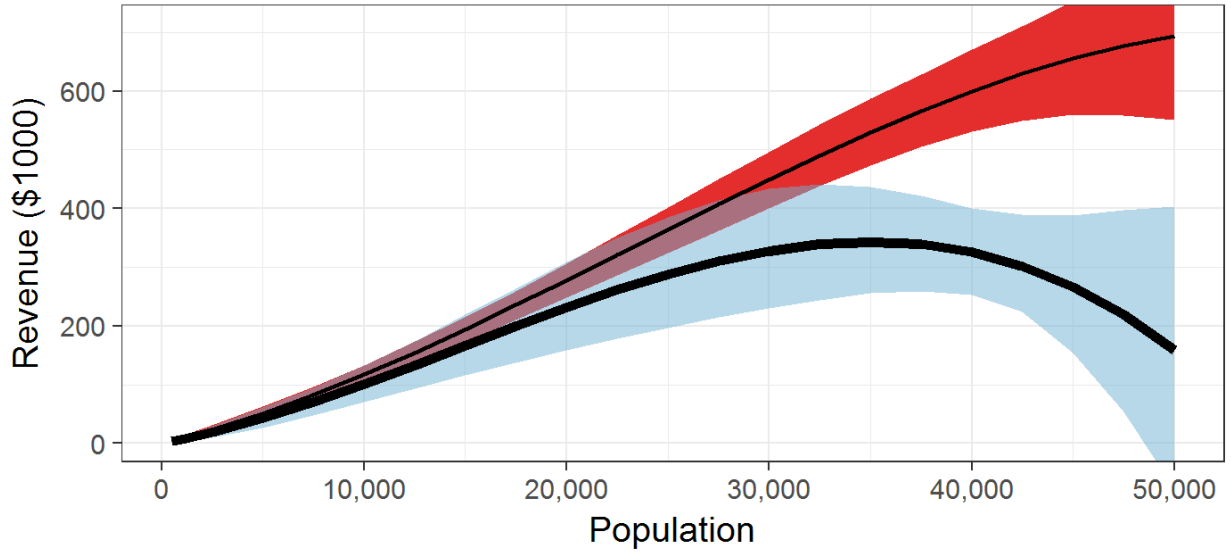
Educational Services Revenue Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



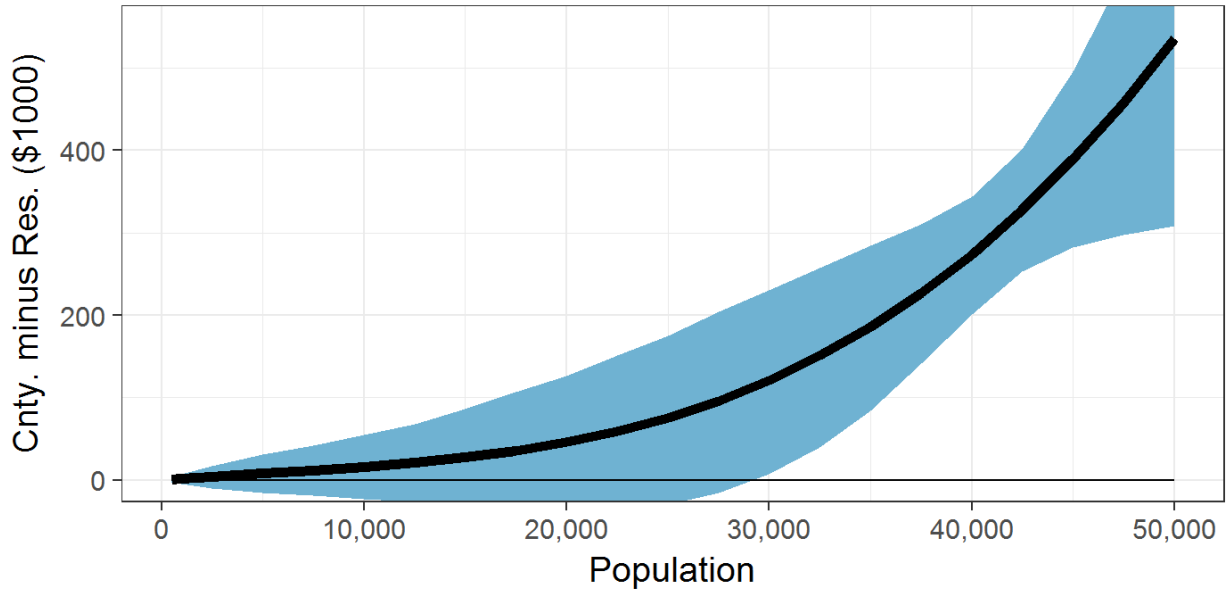
Educational Services Revenue (11-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



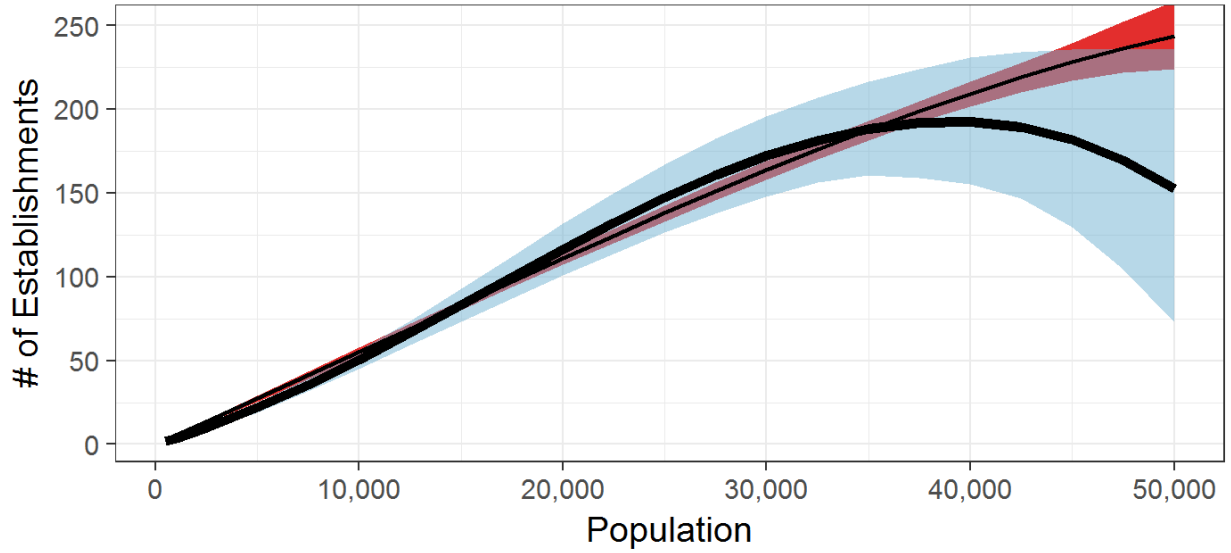
Educational Services Revenue Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



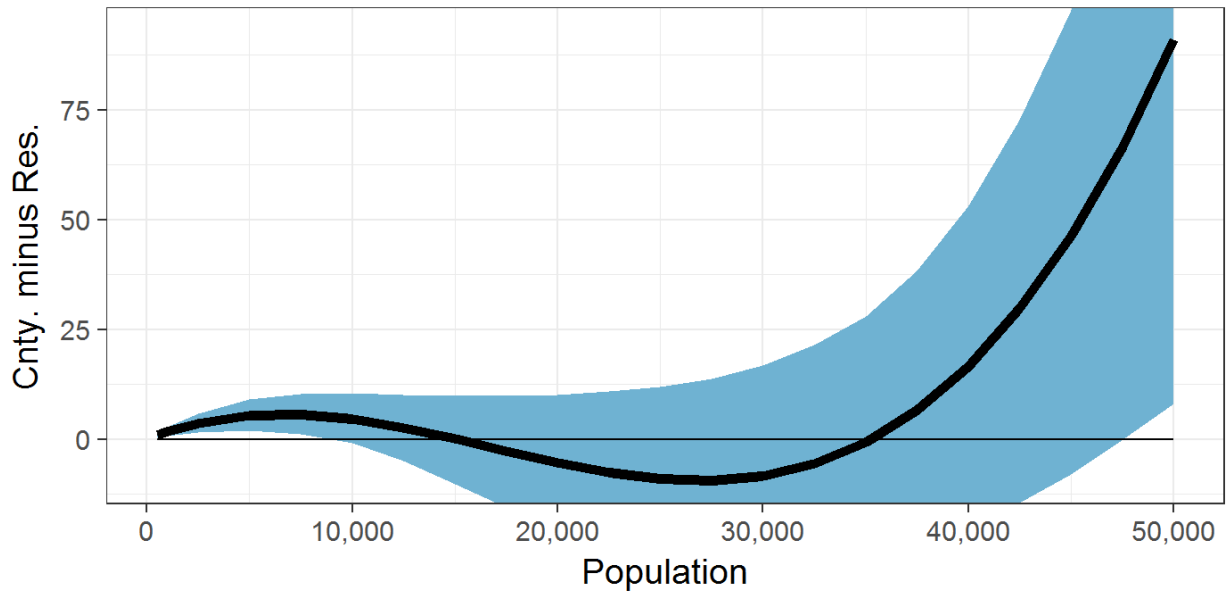
Health/Social Estbs. (6-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



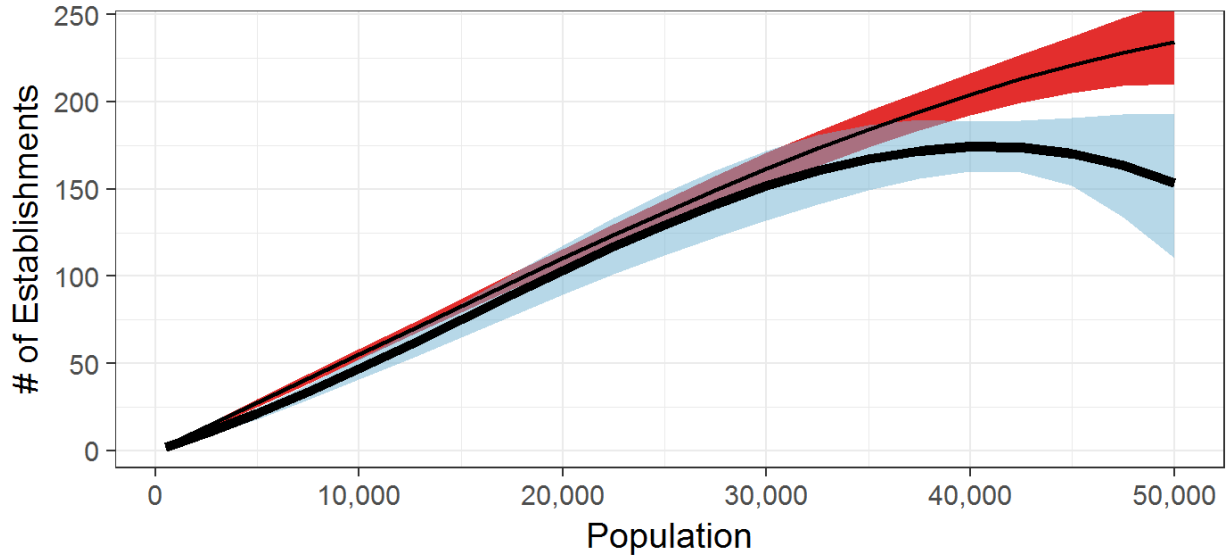
Health/Social Estbs. Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



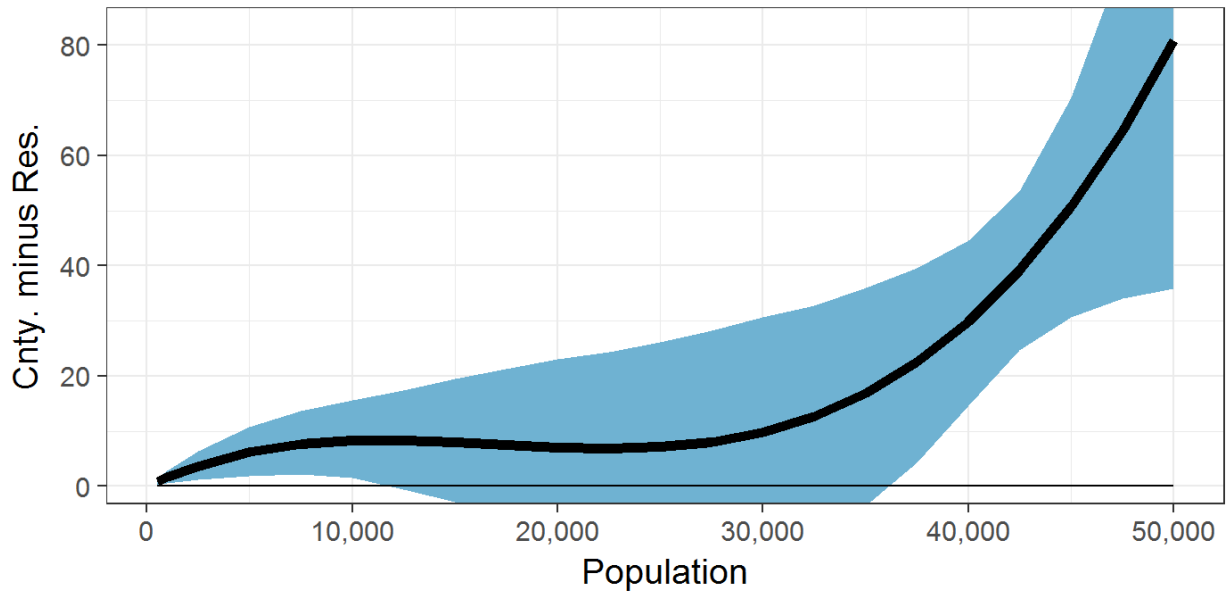
Health/Social Estbs. (11-Var. WLS)

Confidence Bands around Fitted Value Lines
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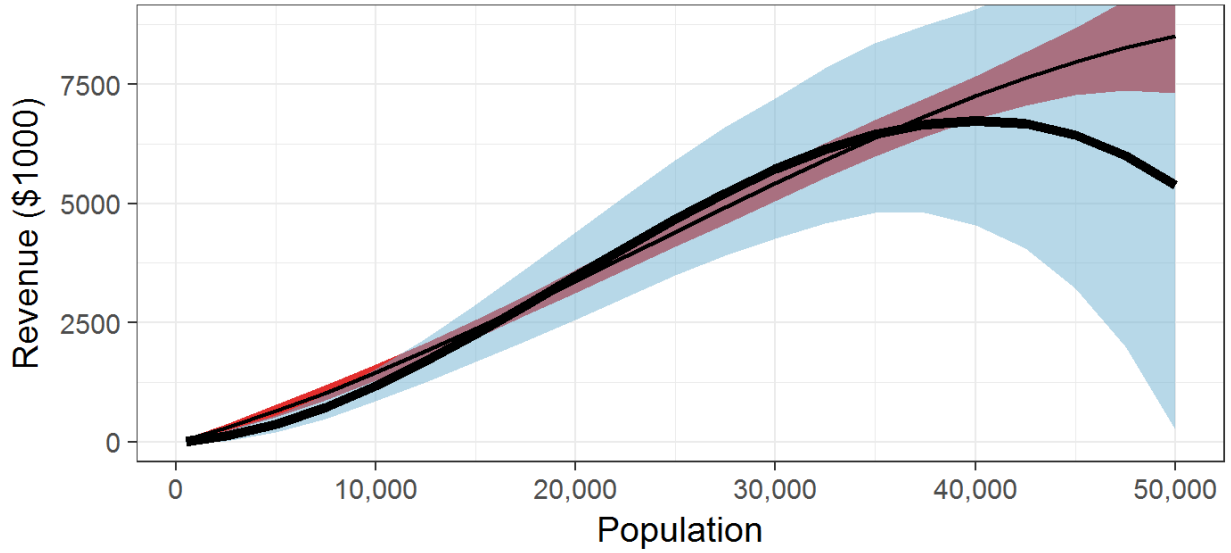
Health/Social Estbs. Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



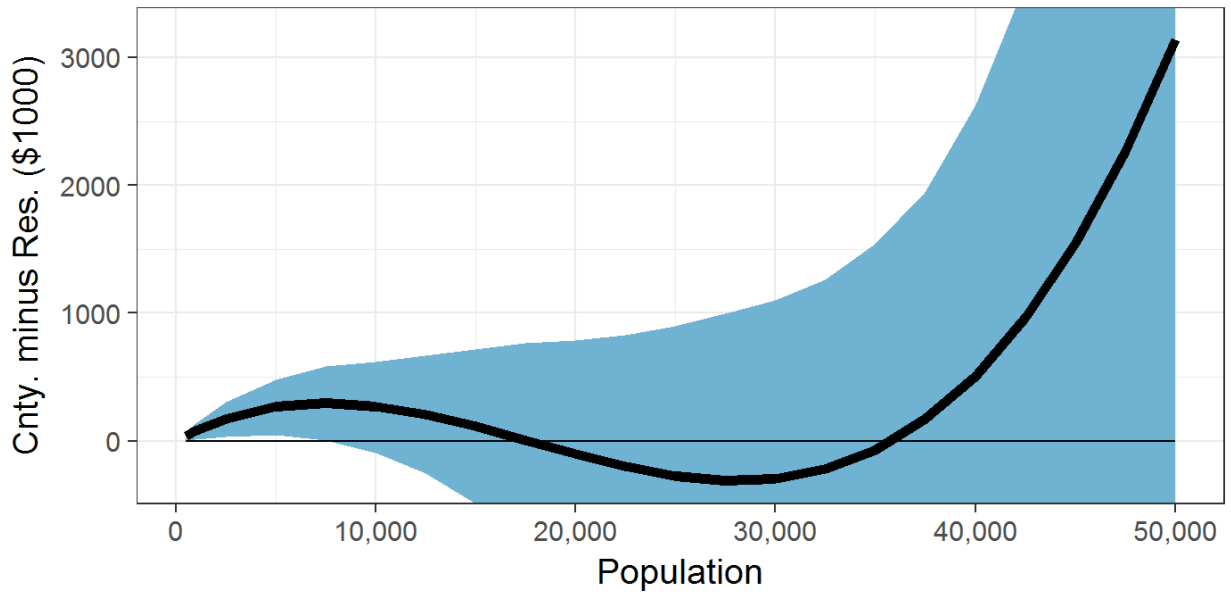
Health/Social Revenue (6-Var. WLS)

Confidence Bands around Fitted Value Lines
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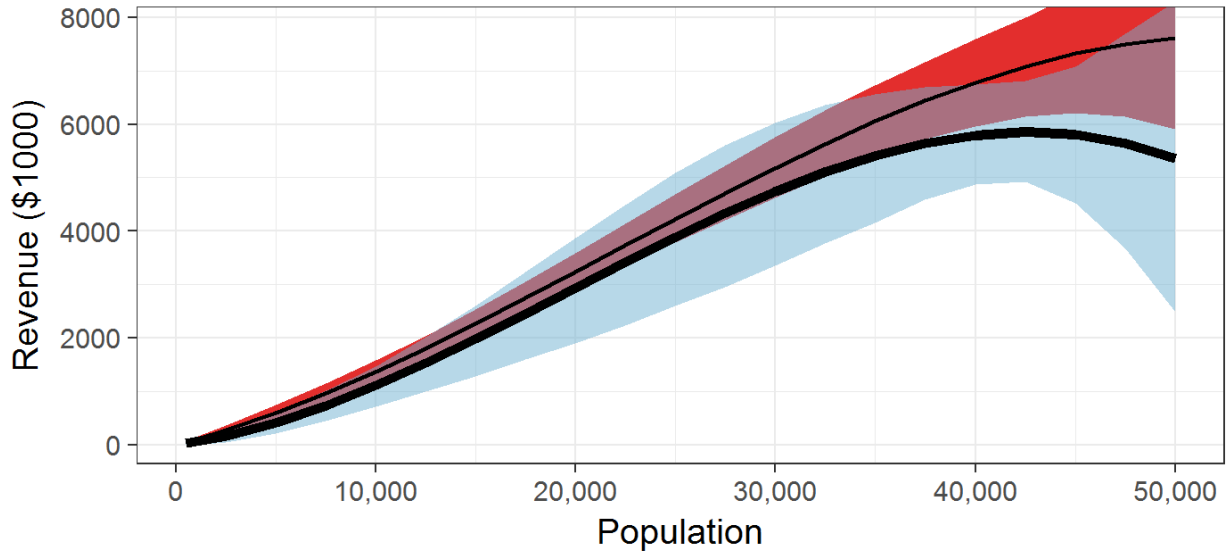
Health/Social Revenue Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



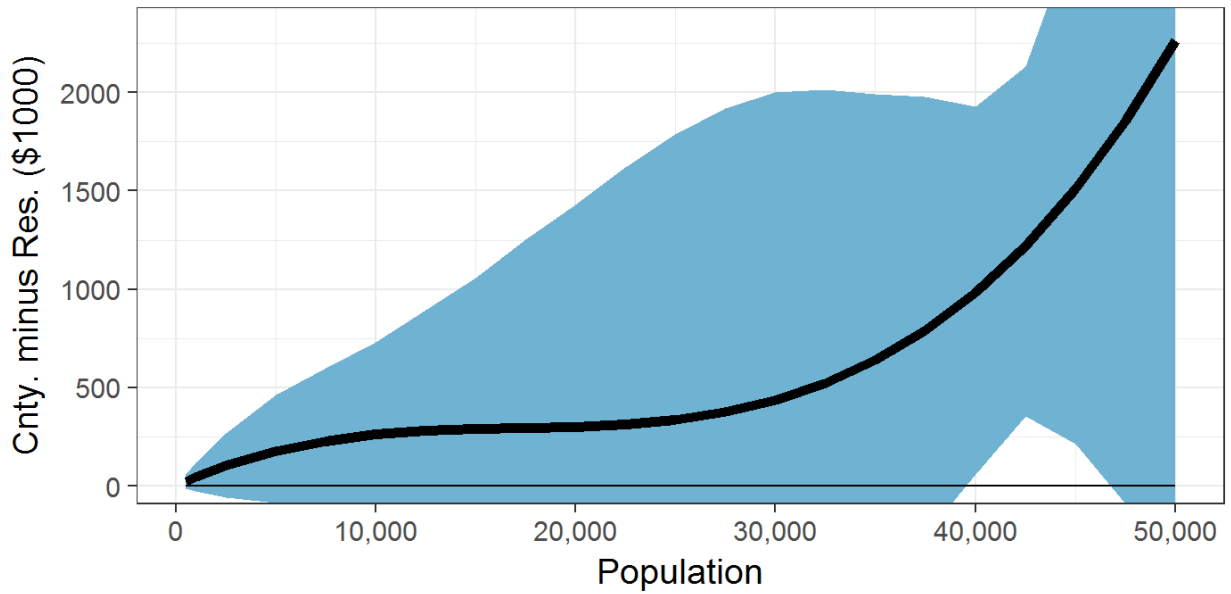
Health/Social Revenue (11-Var. WLS)

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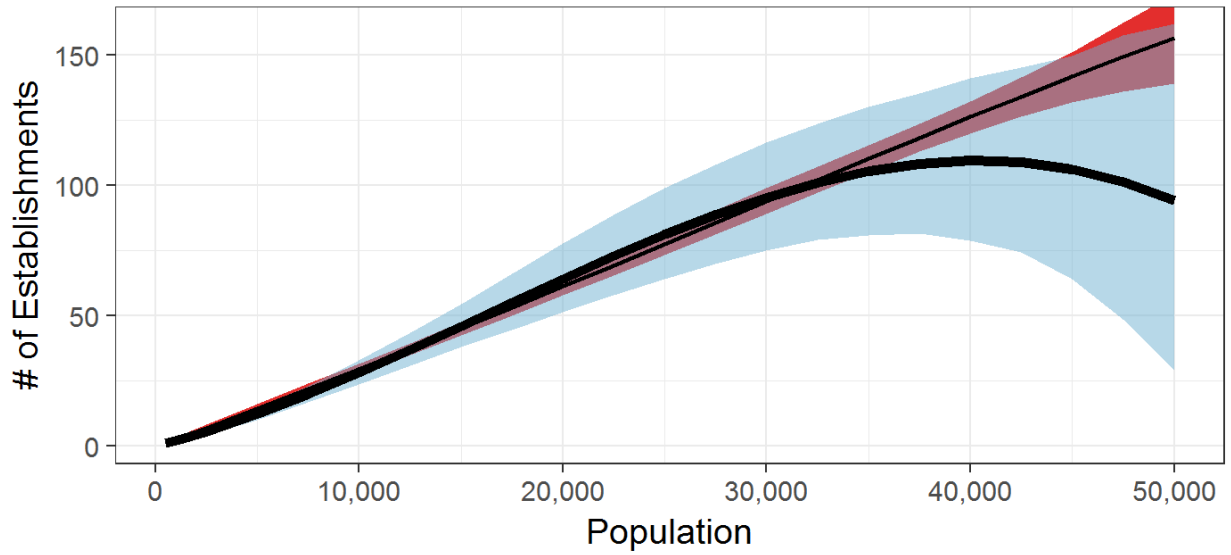
Health/Social Revenue Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



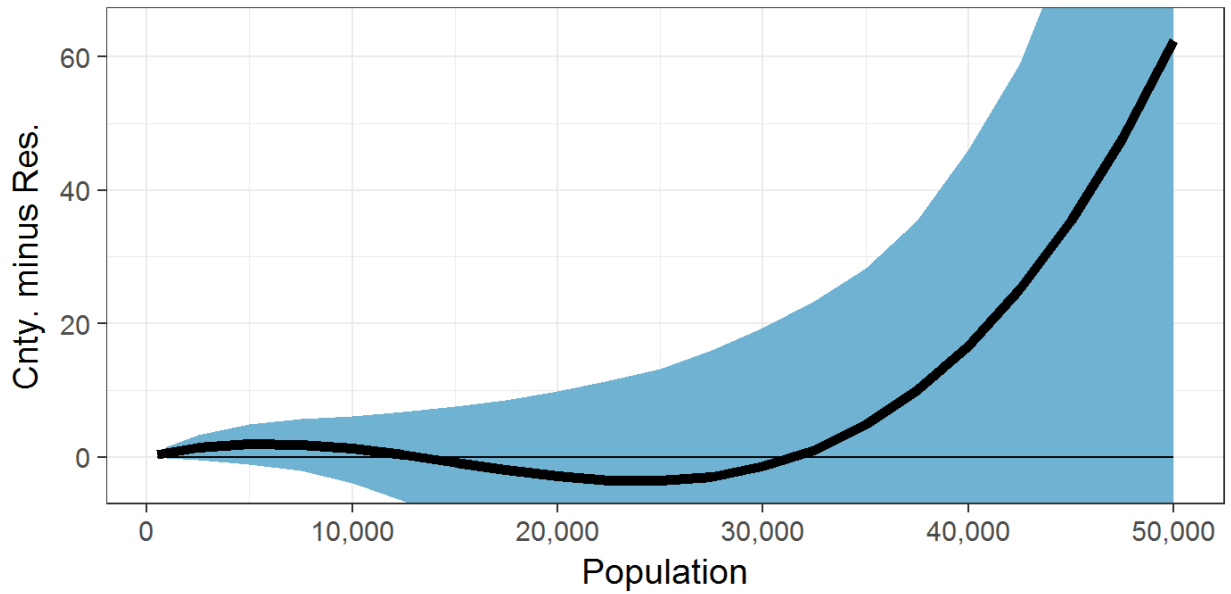
Arts/Entertainment/Recreation Estbs. (6-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



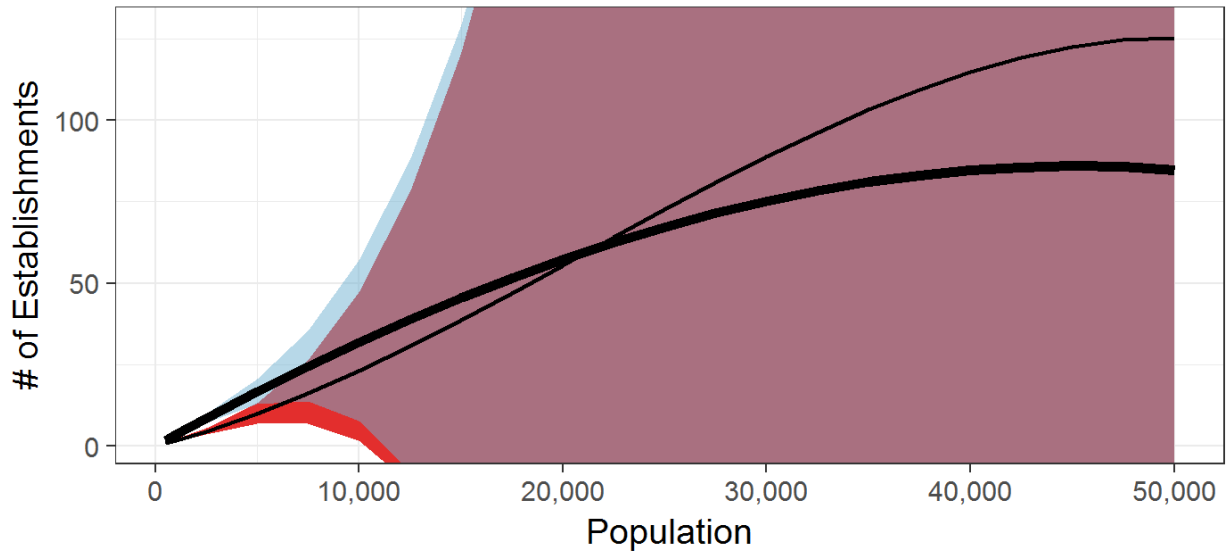
Arts/Entertainment/Recreation Estbs. Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



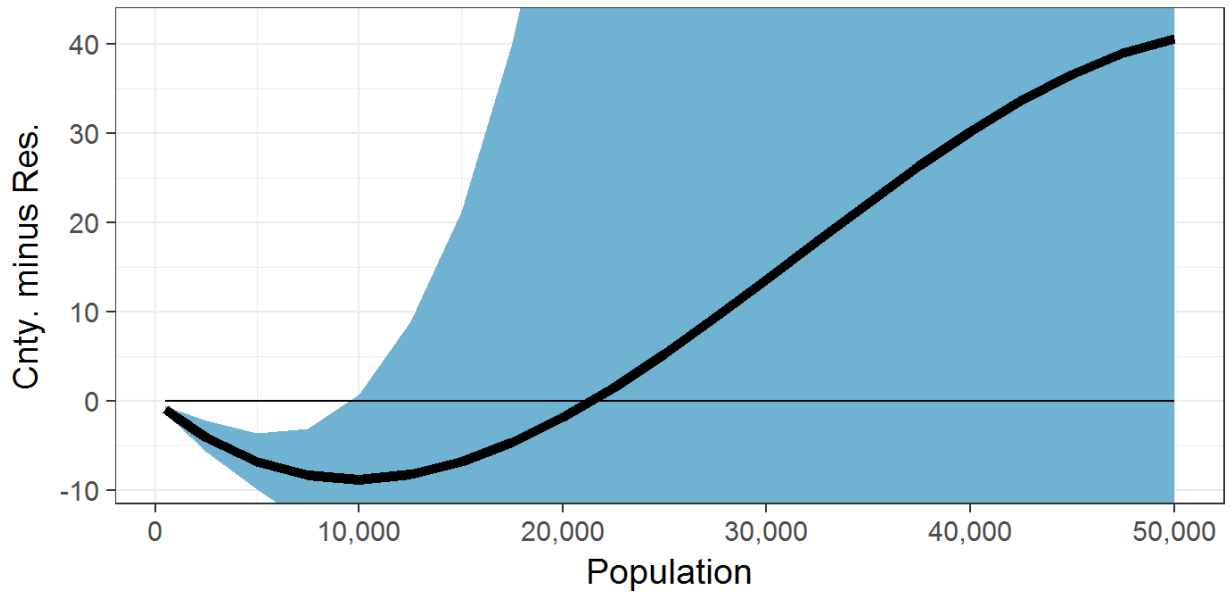
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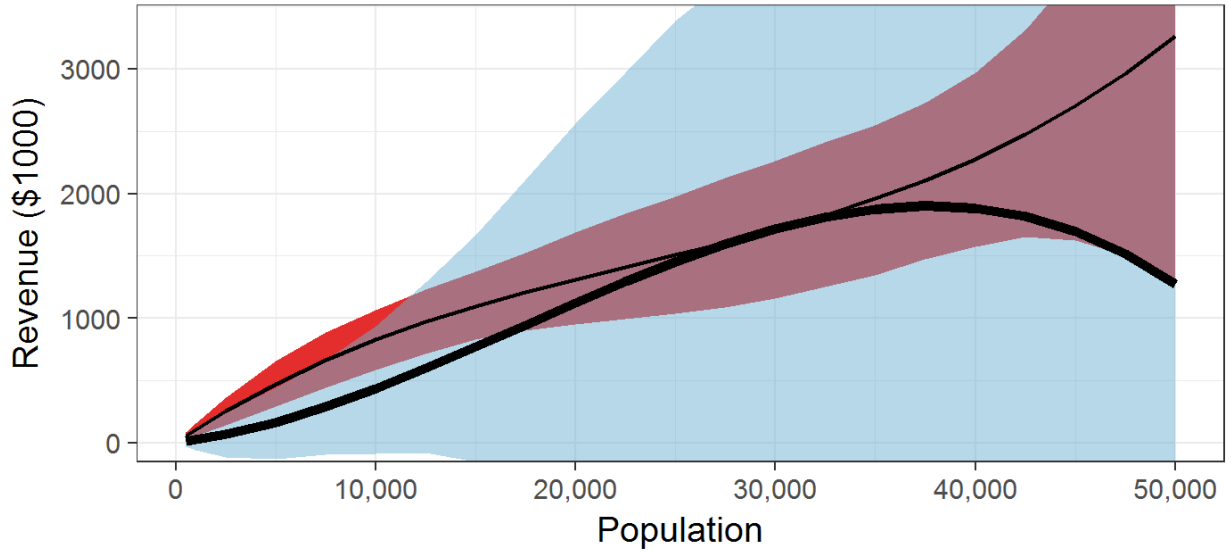
Arts/Entertainment/Recreation Estbs. Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



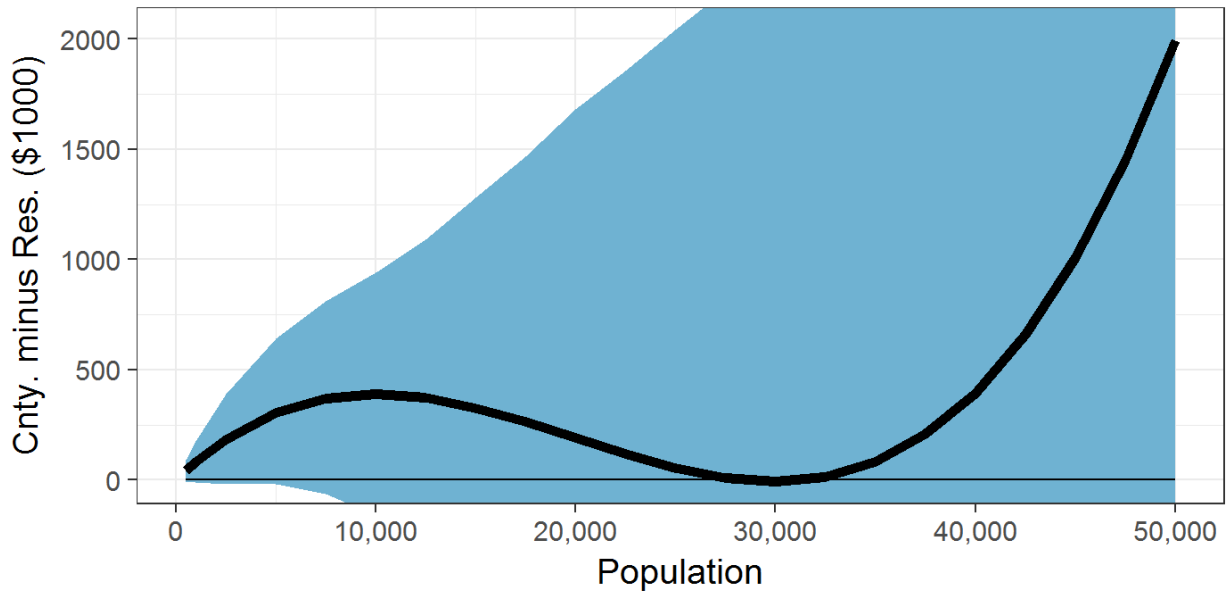
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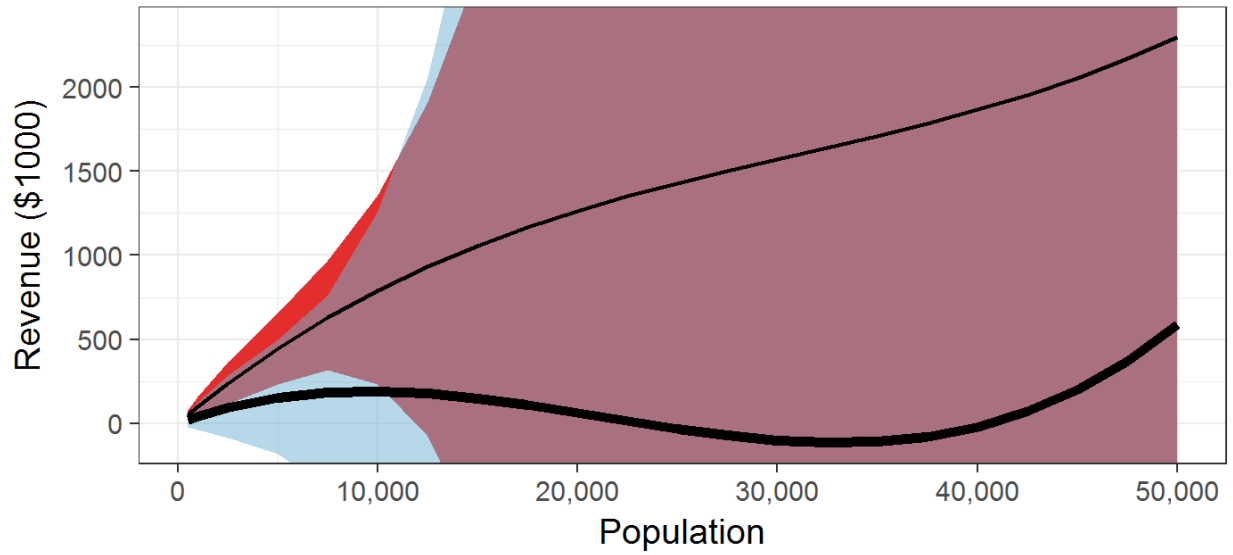
Arts/Entertainment/Recreation Revenue Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



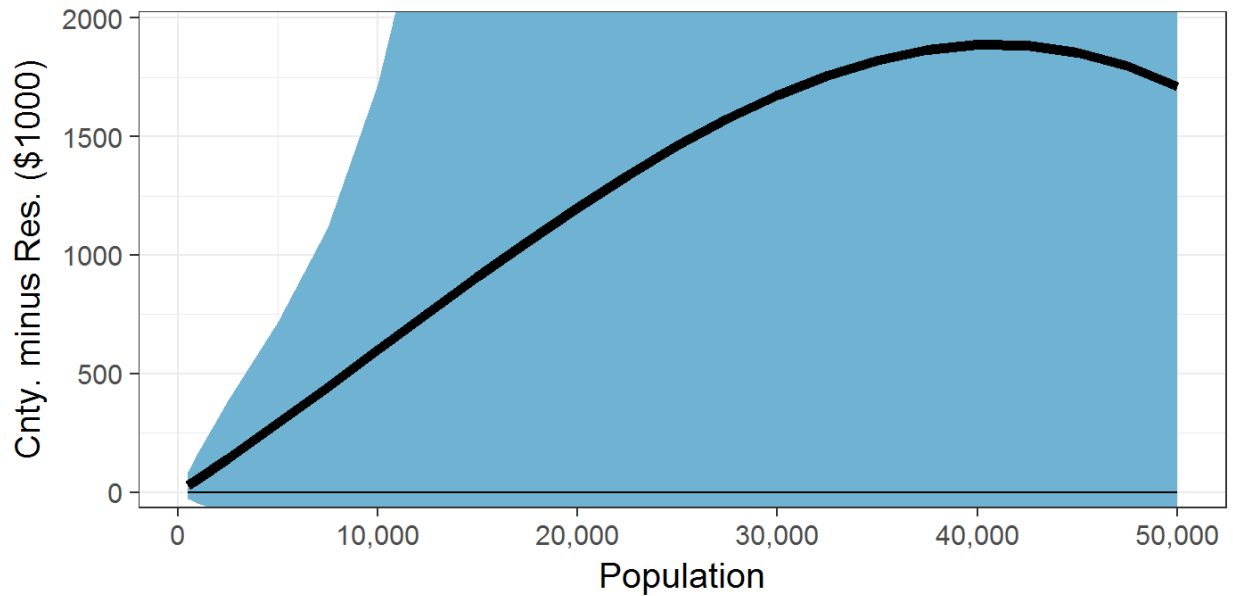
Arts/Entertainment/Recreation Revenue (11-Var. WLS)

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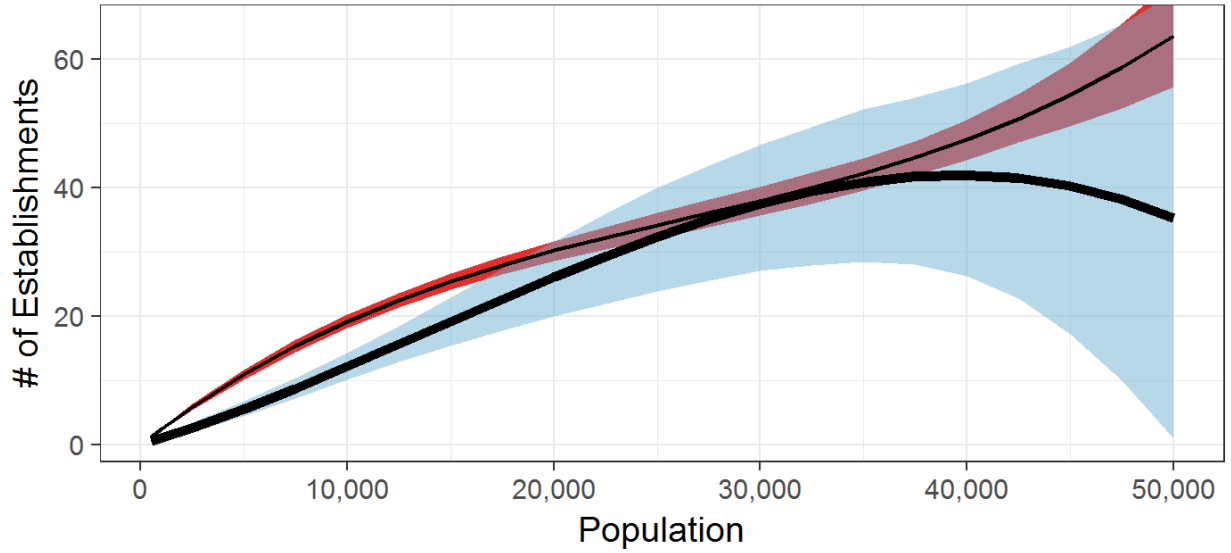
Arts/Entertainment/Recreation Revenue Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



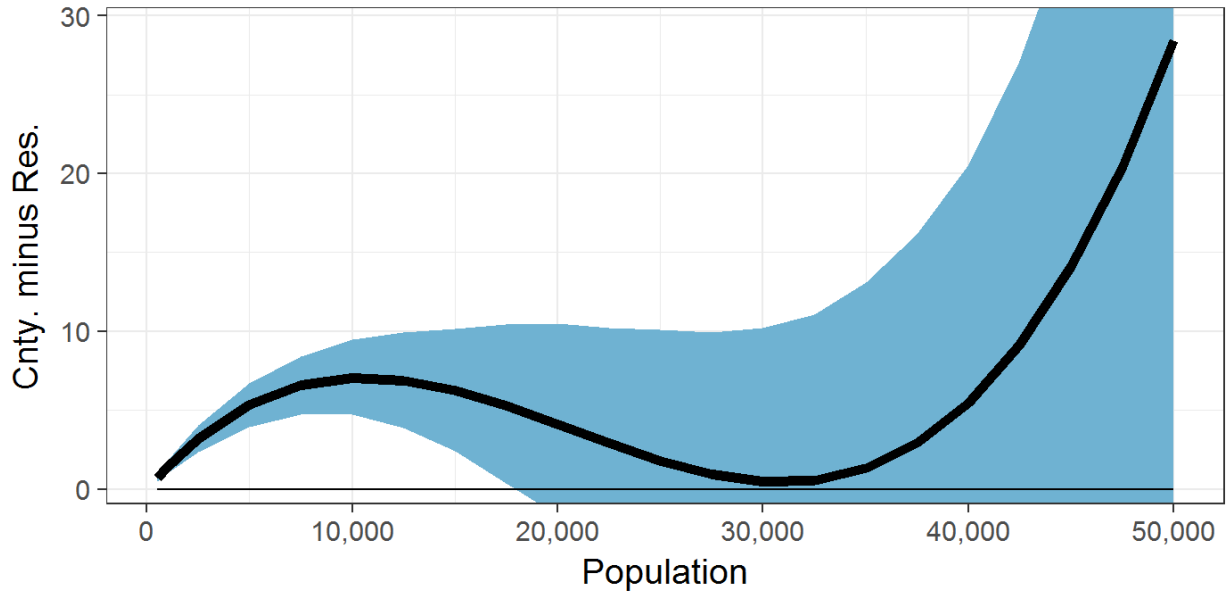
Accommodation and Food Services Estbs. (6-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



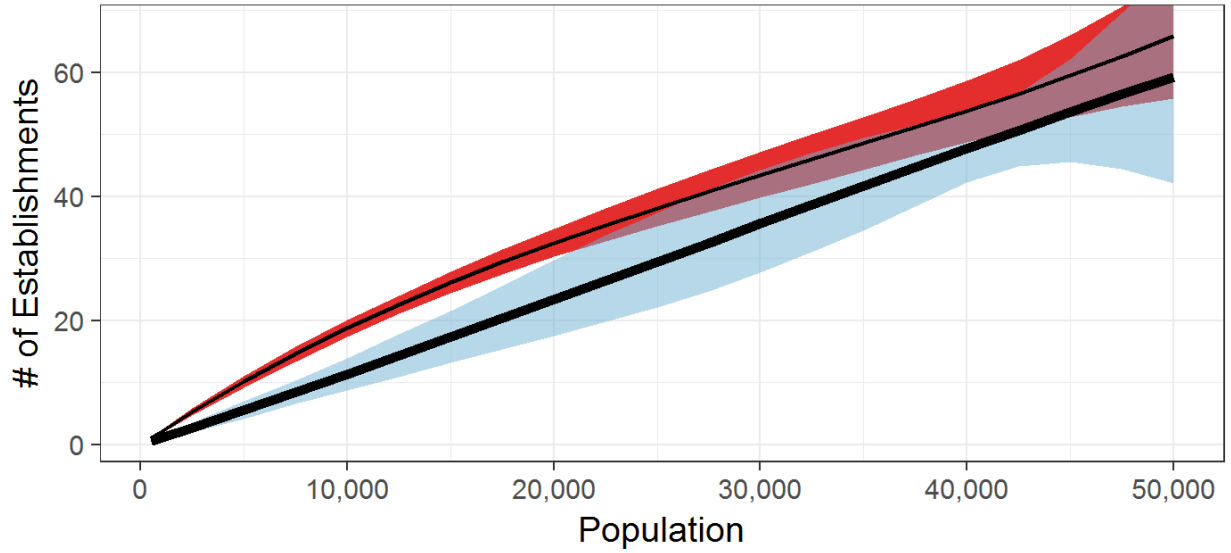
Accommodation and Food Services Estbs. Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



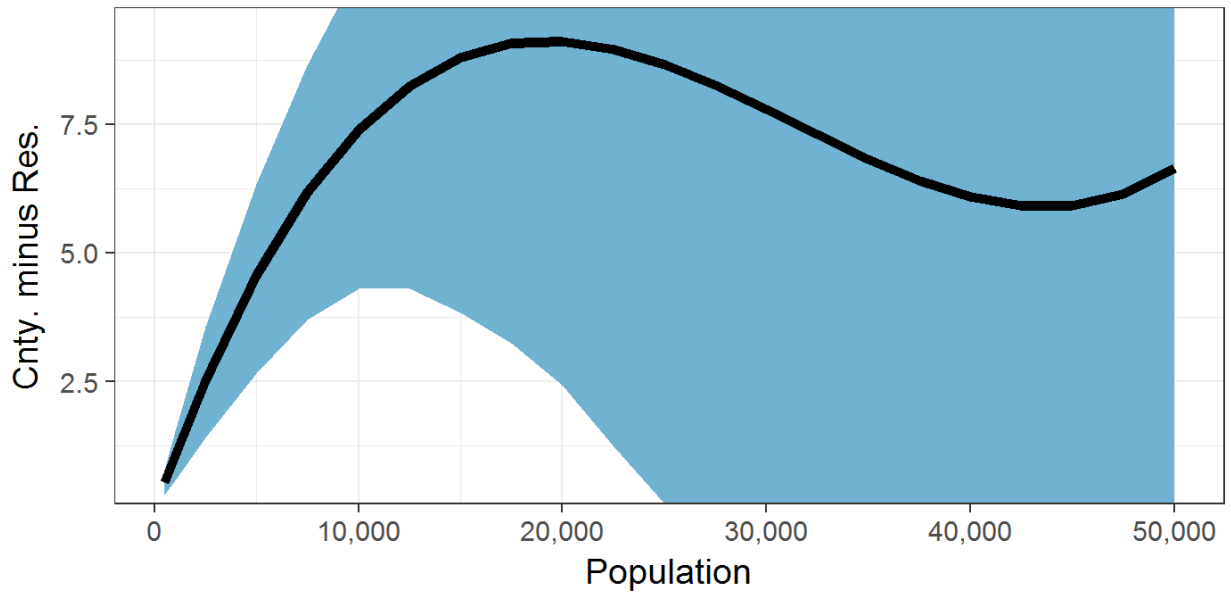
Accommodation and Food Services Estbs. (11-Var. WLS)

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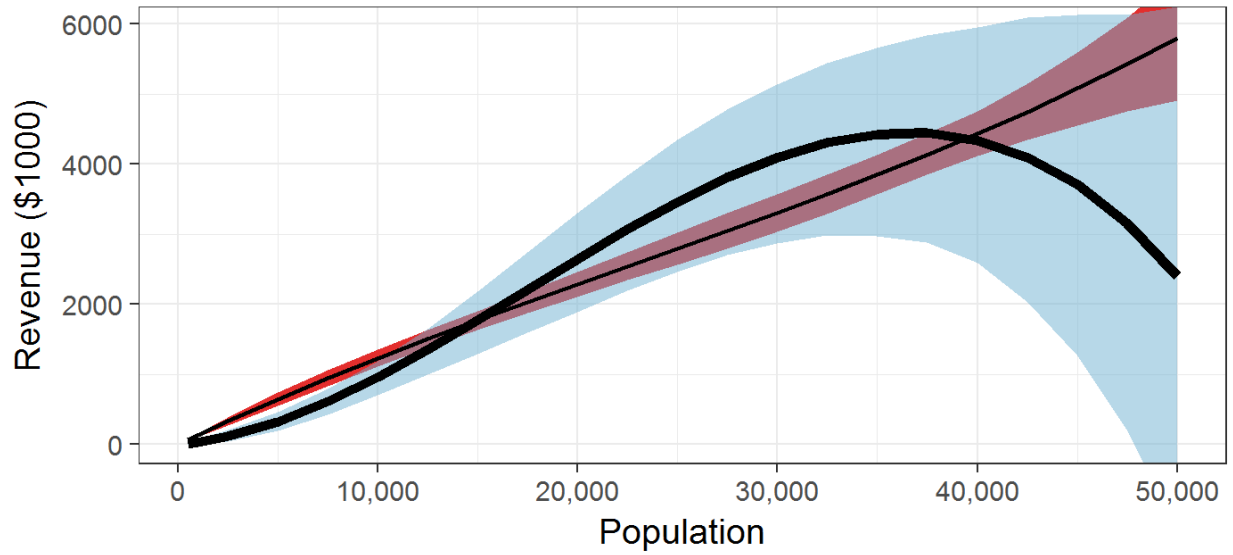
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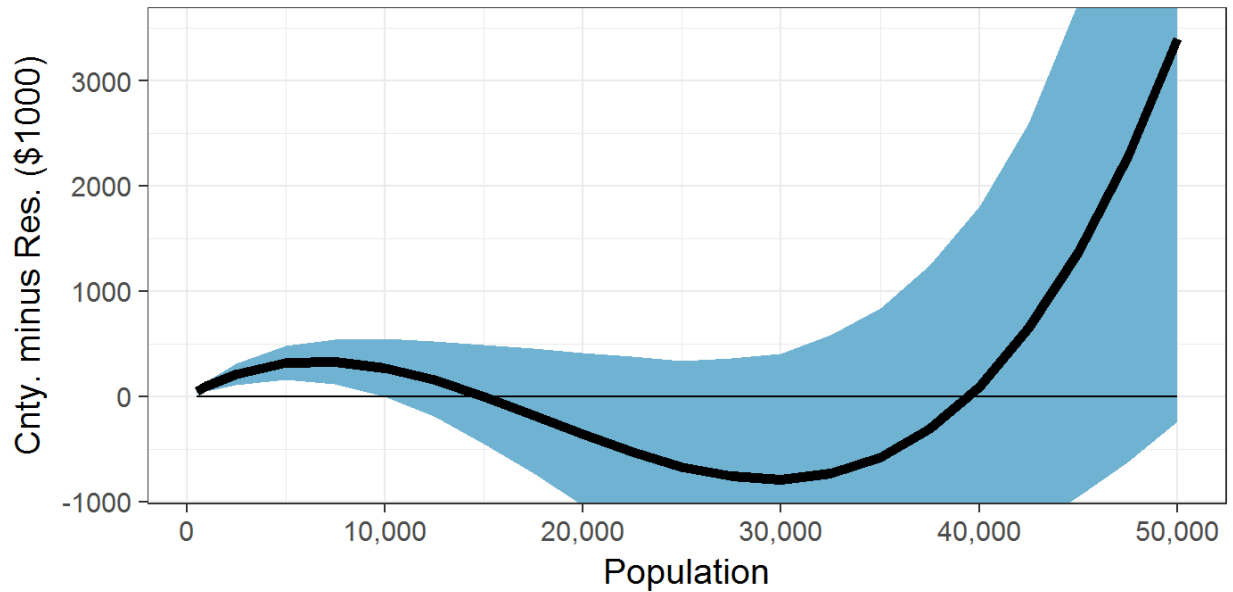
Accommodation and Food Services Revenue (6-Var. WLS)

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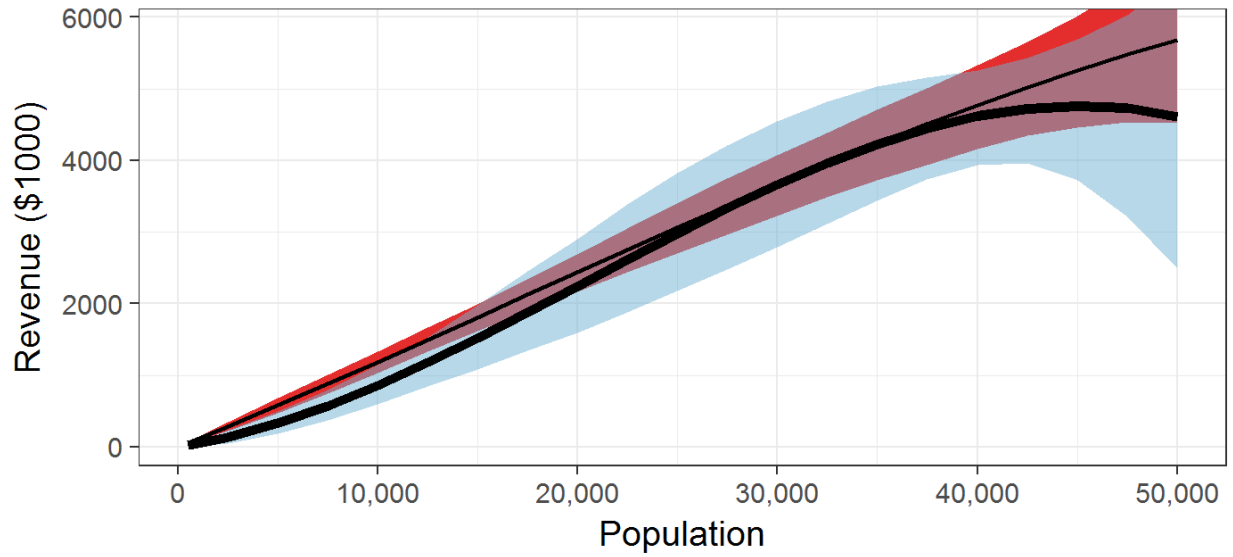
Accommodation and Food Services Revenue Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



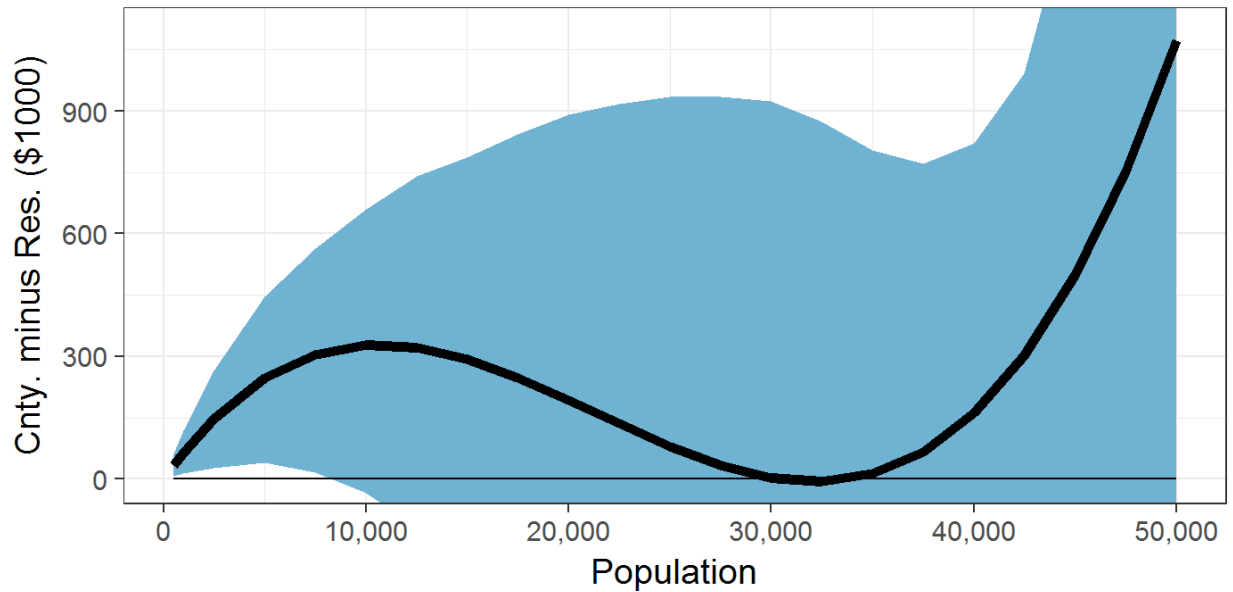
Accommodation and Food Services Revenue (11-Var. WLS)

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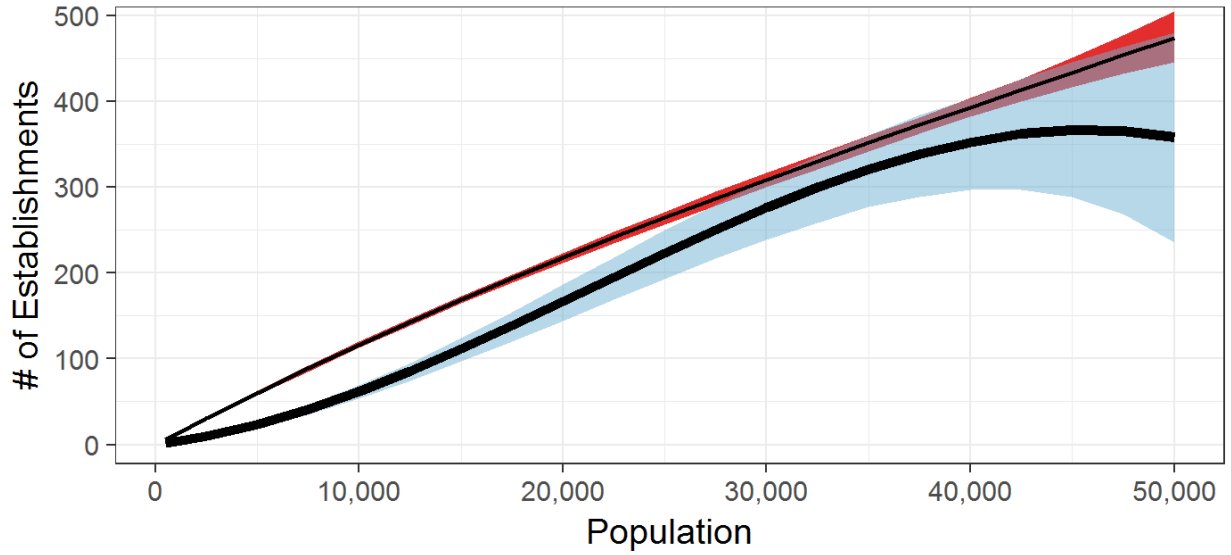
Accommodation and Food Services Revenue Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



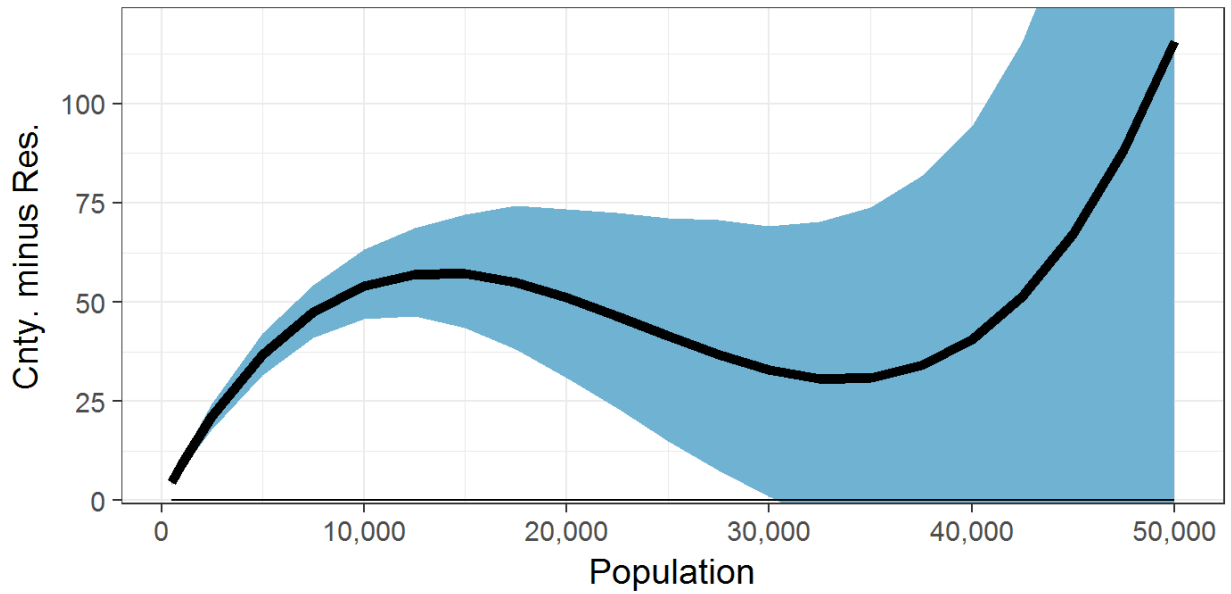
Other Estbs. (6-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



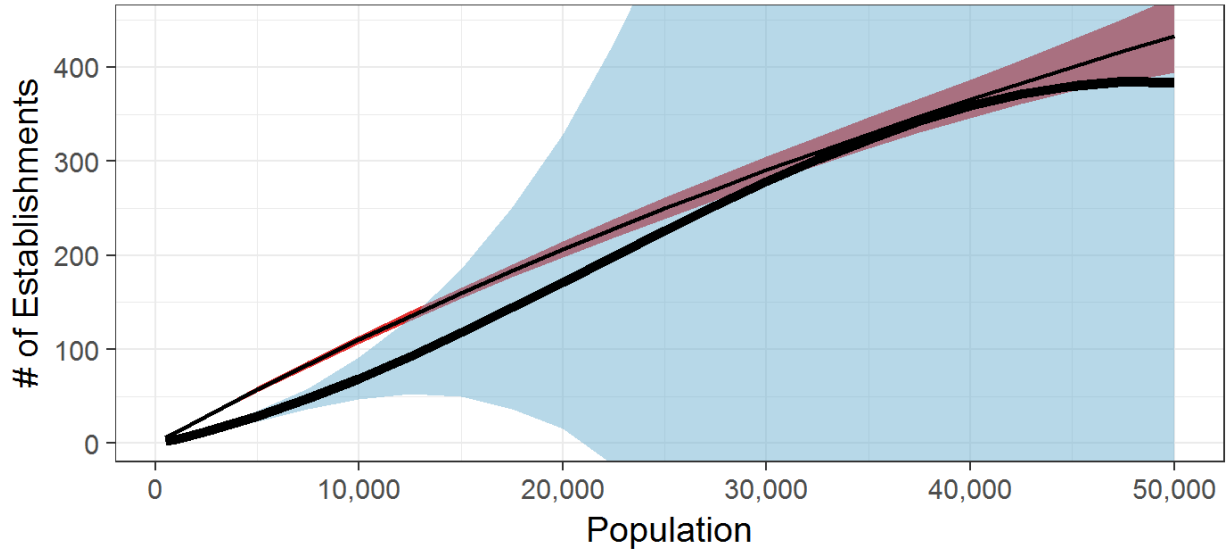
Other Estbs. Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



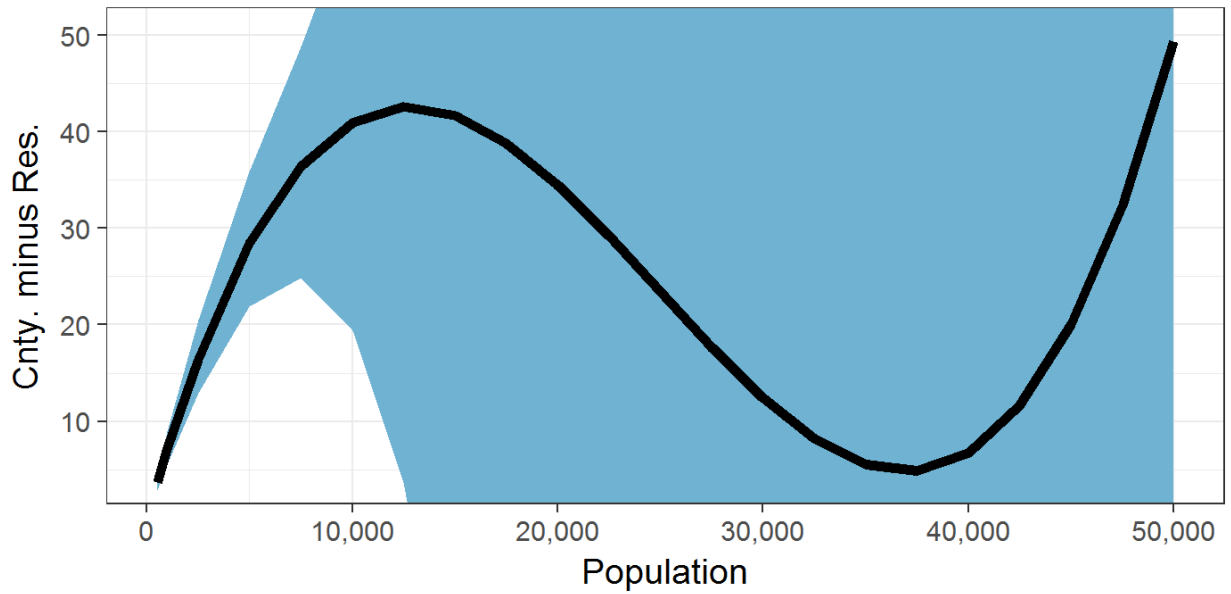
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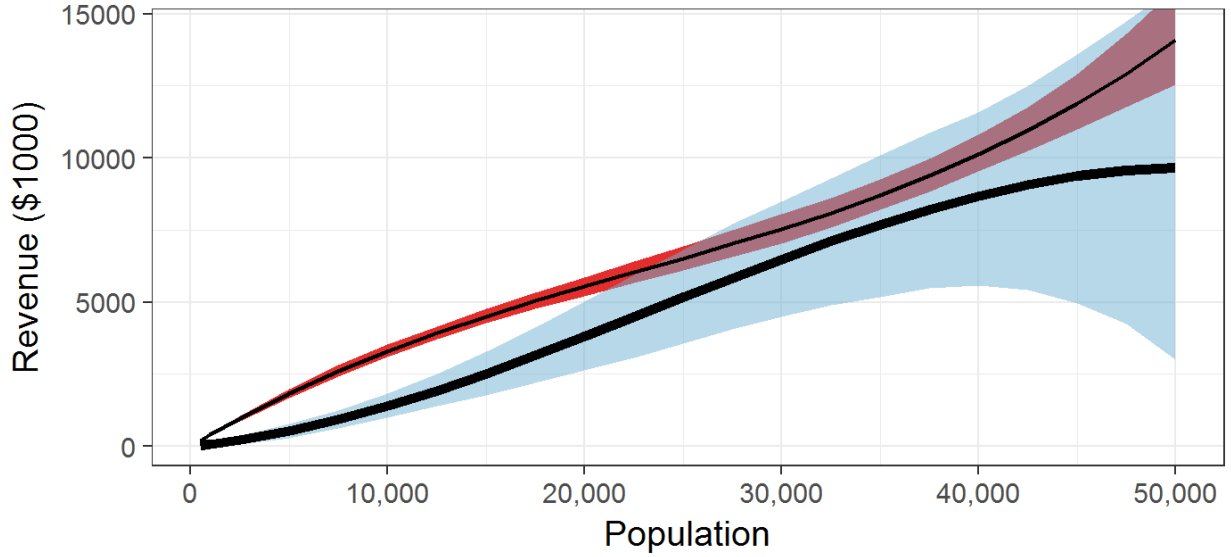
Other Estbs. Gap (11-Var. WLS)

Confidence Band around Fitted Value Line



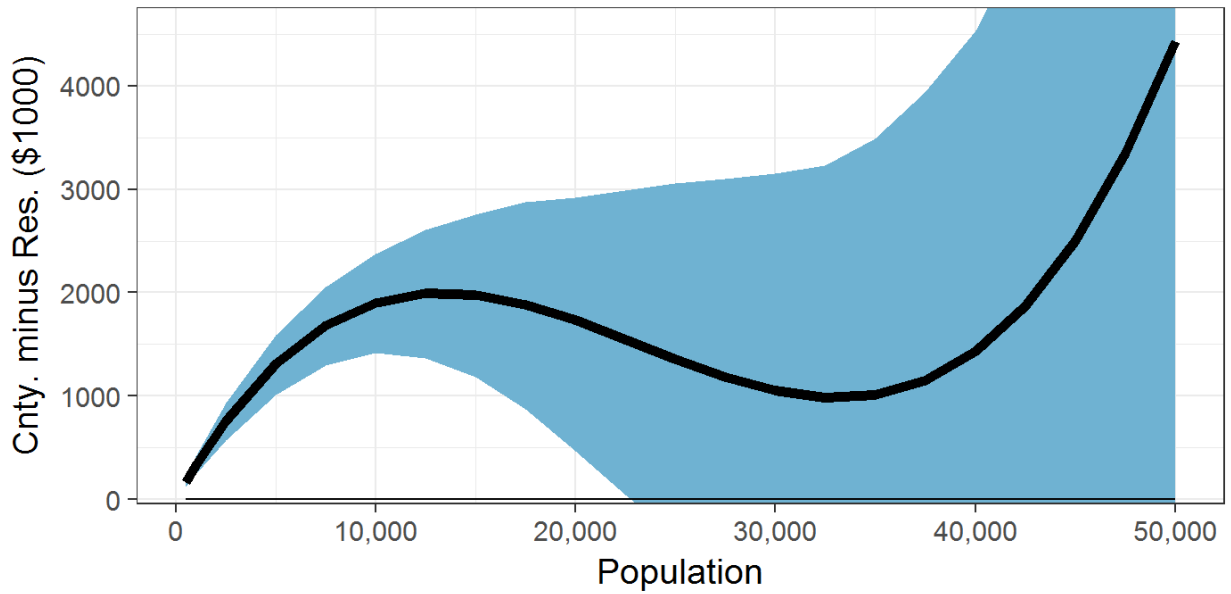
Other Revenue (6-Var. WLS)

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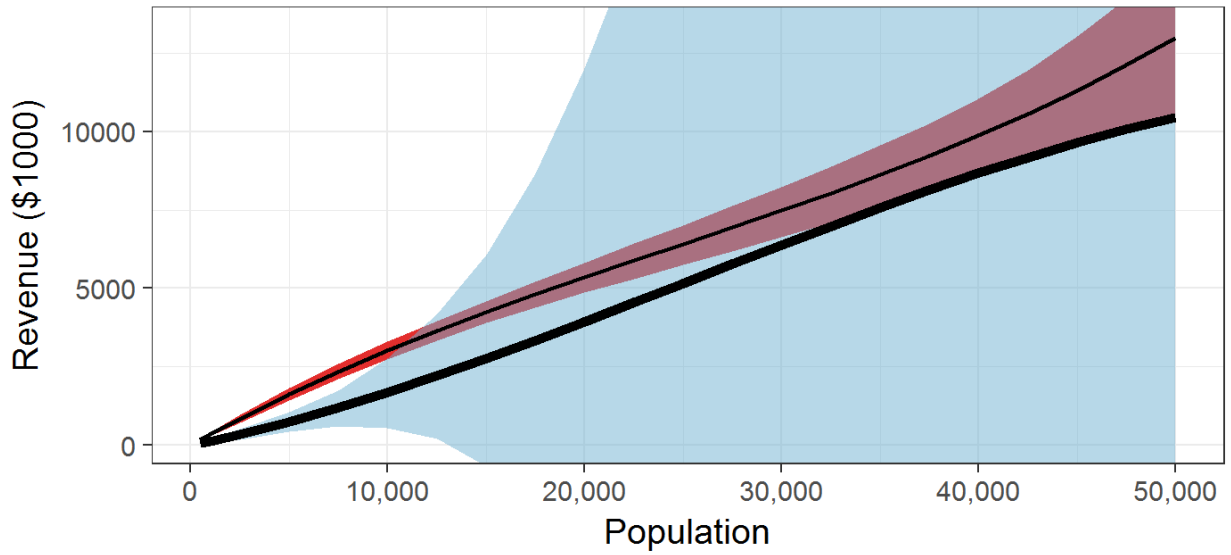
Other Revenue Gap (6-Var. WLS)

Confidence Band around Fitted Value Line



Other Revenue (11-Var. WLS)

Confidence Bands around Fitted Value Lines
(Blue for Reservations and Red for Counties)



Other Revenue Gap (11-Var. WLS)

Confidence Band around Fitted Value Line

