**S3 Table. Unweighted multivariate linear regression coefficient estimates with varying lag periods between the 1990 U.S. MSA-level Gini coefficient and TICS-m score (1998-2010), Health and Retirement Study.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | HRS Cohort (n = 5,455 in 1992) | | | | | |
|  |  | β |  | | | | 95% CI |
| 1998 TICS | n=4,842 (88.8%)  8-year lag |  |  | | | |  |
|  | Quartile of  1990 Gini |  |  | | | |  |
|  | Q2 | 0.00 |  | | -0.34, 0.35 | | |
|  | Q3 | 0.14 |  | | -0.23, 0.50 | | |
|  | Q4 | 0.22 |  | | -0.15, 0.59 | | |
|  | | *P for trend = 0.09* |  |  | |  | | |
| 2000  TICS | n=4,507 (82.6%)  10-year lag |  |  | | | |
|  | Quartile of  1990 Gini |  |  | | | |
|  | Q2 | -0.23 |  | | -0.59, 0.13 | | |
|  | Q3 | -0.01 |  | | -0.39, 0.37 | | |
|  | Q4 | 0.10 |  | | -0.29, 0.49 | | |
|  | | *P for trend = 0.08* |  |  | |  | | |
| 2002  TICS | n=4,272 (78.3%)  12-year lag |  |  | | | |
|  | Quartile of 1  990 Gini |  |  | | | |
|  | Q2 | -0.16 |  | | -0.53,0.22 | | |  |
|  | Q3 | -0.10 |  | | -0.50,0.30 | | |  |
|  | Q4 | -0.13 |  | | -0.54,0.28 | | |  |
|  | | *P for trend = 0.79* |  |  | |  | | |
| 2004  TICS | n=4,077 (74.7%)  14-year lag |  |  | | | |
|  | Quartile of  1990 Gini |  |  | | | |
|  | Q2 | -0.36 |  | | -0.72,0.01 | | |
|  | Q3 | -0.21 |  | | -0.61,0.18 | | |
|  | Q4 | -0.38 |  | | -0.78,0.02 | | |
|  | | *P for trend = 0.27* |  |  | |  | | |
| 2006  TICS | n=3,914 (71.7%)  16-year lag |  |  | | | |
|  | Quartile of  1990 Gini |  |  | | | |
|  | Q2 | -0.62\*\* | |  | | -1.01,-0.22 | |
|  | Q3 | -0.63\*\* | |  | | -1.05,-0.20 | |
|  | Q4 | -0.81\*\* | |  | | -1.24,-0.37 | |
|  | | *P for trend = 0.004\*\** |  |  | |  | | |

**S3 Table—Continued.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | HRS Cohort | | |
|  |  | β |  | 95% CI |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 2008  TICS | n=3,683 (67.5%)  18-year lag |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | Quartile of 1990 Gini | |  | |  | |  |  | | |  |  | | |  |  | |  | |
|  | | | Q2 | | -0.24 | |  | | -0.66,0.17 | | |  | |  |  |
|  | | | Q3 | | -0.35 | |  | | -0.80,0.09 | | |  | |  |  |
|  | | | Q4 | | -0.53\* | |  | | -0.98,-0.08 | | |  | |  |  |
|  | | | *P for trend = 0.01\*\** | | |  | |  | |  | | |
| 2010  TICS | | | n=3,361 (61.6%)  20-year lag | |  | |  | |  | | |  | |  |  |  | | |  | |  | |
|  | | | Quartile of 1990 Gini | |  | |  | |  | | |  | |  |  |  | | |  | |  | |
|  | | | Q2 | | -0.32 | |  | | -0.76,0.11 | | |  | |  |  |
|  | | | Q3 | | -0.30 | |  | | -0.77,0.17 | | |  | |  |  |
|  | | | Q4 | | -0.35 | |  | | -0.82,0.13 | | |
|  | *P for trend = 0.35* | | |  | |  | |  | | |

Note. β = coefficient estimate; CI = confidence interval. Q = quartile of 1990 MSA Gini coefficient.

All models are adjusted for baseline age, gender, race/ethnicity, education, net wealth, self-reported medical diagnoses of diabetes, hypertension, heart disease, and stroke, body mass index, and the 1995/1996 TICS-m score; and the percentage Black and median household income at the MSA level. Quartile 1 (Q1) for the Gini coefficient (reference category) corresponds to the quartile of US MSAs with the lowest Gini coefficient (lowest level of income inequality), based on 304 MSAs with available Gini coefficient data in 1990. Sample sizes are shown for each outcome year (the percentage of the baseline sample is shown in parentheses).

\* P≤.05; \*\* P≤.01.