

WLS\_wt:  $y = 20 + 53490 \cdot x$ ,  $R^2 = 0.0589$ ,  $P = 0.000049$

OLS\_wt:  $y = 16 + 48206 \cdot x$ ,  $R^2 = 0.00997$ ,  $P = 0.099$

WLS:  $y = 34 + 16581 \cdot x$ ,  $R^2 = 0.27$ ,  $P = 0.000000000000000000023$

OLS:  $y = 39 + 12319 \cdot x$ ,  $R^2 = 0.412$ ,  $P = 0.00000000000000000000000000000033$

$n = 274$

