

PM _{2.5} emission (Gg)	Rural population (10 000)	Per capita income of rural resi- dents (RMB)	Agricultural output (RMB 0.1 billion)
Shanghai	$y = -0.001x + 1.64$ $R^2 = 0.17, P > 0.05$	$y = -5 \times 10^{-6}x + 1.4$ $R^2 = 0.09, P > 0.05$	$y = 7 \times 10^{-5}x + 1.36$ $R^2 = 0.0005, P > 0.05$
Zhejiang	$y = 0.002x + 6.19$ $R^2 = 0.06, P > 0.05$	$y = -6 \times 10^{-5}x + 10.47$ $R^2 = 0.19, P > 0.05$	$y = -0.001x + 10.72$ $R^2 = 0.19, P > 0.05$
Fujian	$y = -0.0002x + 8.219$ $R^2 = 0.01, P > 0.05$	$y = -3 \times 10^{-5}x + 8.1884$ $R^2 = 0.06, P > 0.05$	$y = -0.0002x + 8.2144$ $R^2 = 0.06, P > 0.05$
Jiangsu	$y = -0.002x + 23.41$ $R^2 = 0.8, P < 0.01$	$y = 0.0002x + 15.33$ $R^2 = 0.66, P < 0.01$	$y = 0.001x + 15.18$ $R^2 = 0.69, P < 0.01$
Hubei	$y = -0.008x + 56.19$ $R^2 = 0.94, P < 0.01$	$y = 0.0009x + 25.39$ $R^2 = 0.86, P < 0.01$	$y = 0.004x + 24.31$ $R^2 = 0.92, P < 0.01$
Anhui	$y = -0.005x + 37.11$ $R^2 = 0.91, P < 0.01$	$y = 0.0007x + 16.12$ $R^2 = 0.79, P < 0.01$	$y = 0.004x + 14.5$ $R^2 = 0.85, P < 0.01$
Hunan	$y = -0.01x + 62.66$ $R^2 = 0.78, P < 0.01$	$y = 0.0008x + 20.66$ $R^2 = 0.8, P < 0.01$	$y = 0.003x + 20.1$ $R^2 = 0.91, P < 0.01$
Jiangxi	$y = -0.008x + 33.73$ $R^2 = 0.92, P < 0.01$	$y = 0.0006x + 11.19$ $R^2 = 0.82, P < 0.01$	$y = 0.006x + 9.84$ $R^2 = 0.87, P < 0.01$
Henan	$y = -0.01x + 150.14$ $R^2 = 0.8, P < 0.01$	$y = 0.003x + 70.41$ $R^2 = 0.59, P < 0.01$	$y = 0.008x + 62.79$ $R^2 = 0.72, P < 0.01$
Shandong	$y = -0.009x + 122.46$ $R^2 = 0.73, P < 0.01$	$y = 0.0014x + 66.48$ $R^2 = 0.66, P < 0.01$	$y = 0.004x + 62.11$ $R^2 = 0.77, P < 0.01$