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| **Supplementary Material 8. Slope Index of Inequality (SII) based on the prevalence difference from 2006 to 2020**  |
|  |  |  |  |  |  |  |  | **Year** |  |  |  |  |  |  |  |  |
|  | **2006** | **2007** | **2008** | **2009** | **2010** | **2011** | **2012** | **2013** | **2014** | **2015** | **2016** | **2017** | **2018** | **2019** | **2020** | ***P for trend*** |
| **Household income** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | 0.84 (0.14-1.53) | 1.38 (0.71-2.04) | 1.91 (1.27-2.54) | 1.08 (0.44-1.73) | 0.86 (0.19-1.53) | 1.01 (0.35-1.66) | 1.41 (0.72-2.09) | 2.3 (1.55-3.05) | 2.79 (2.03-3.55) | 3.09 (2.26-3.92) | 3.16 (2.24-4.08) | 3.05 (2.06-4.04) | 2.82 (1.76-3.87) | 2.98 (1.93-4.03) | 4.45 (3.31-5.59) | *0.007* |
| Boys | -0.3 (-1.4-0.79) | 1.09 (0.05-2.13) | 1.71 (0.71-2.71) | 0.97 (-0.02-1.96) | 0.17 (-0.89-1.22) | -0.15 (-1.17-0.88) | 0.24 (-0.81-1.29) | 1.17 (0.02-2.33) | 2.32 (1.12-3.52) | 1.49 (0.24-2.73) | 2.26 (0.84-3.67) | 2.36 (0.81-3.9) | 2.08 (0.41-3.74) | 2.25 (0.67-3.83) | 3.45 (1.68-5.22) | *0.044* |
| Girls | 2.68 (1.84-3.52) | 2.18 (1.38-2.97) | 2.71 (1.94-3.49) | 1.85 (1.06-2.65) | 2.42 (1.63-3.21) | 2.75 (1.93-3.57) | 3.12 (2.25-4) | 4.13 (3.19-5.08) | 3.96 (3.03-4.89) | 5.28 (4.21-6.36) | 4.84 (3.69-5.99) | 4.83 (3.59-6.07) | 4.65 (3.36-5.95) | 4.87 (3.53-6.2) | 6.54 (5.15-7.93) | *<0.001* |
| High school | 0.56 (-0.47-1.58) | 0.8 (-0.17-1.77) | 2.14 (1.21-3.07) | 1.05 (0.15-1.95) | 1.25 (0.29-2.2) | 1.04 (0.12-1.96) | 1.17 (0.22-2.13) | 1.31 (0.24-2.38) | 2.29 (1.23-3.36) | 1.71 (0.52-2.91) | 2.55 (1.25-3.85) | 1.91 (0.51-3.31) | 0.87 (-0.64-2.39) | 2.98 (1.43-4.52) | 4.17 (2.51-5.83) | *0.056* |
| Middle school | 0.31 (-0.66-1.27) | 1.25 (0.34-2.15) | 1.16 (0.26-2.05) | 0.96 (0.03-1.89) | 0.21 (-0.74-1.17) | 0.55 (-0.4-1.51) | 1.36 (0.35-2.37) | 2.67 (1.59-3.75) | 2.72 (1.61-3.83) | 3.31 (2.13-4.49) | 2.54 (1.22-3.85) | 2.92 (1.49-4.35) | 3.41 (1.93-4.9) | 1.34 (-0.07-2.75) | 3.68 (2.09-5.26) | *0.003* |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Father’s education** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | 1.18 (0.44-1.91) | 1.84 (1.13-2.55) | 1.8 (1.08-2.51) | 1.48 (0.78-2.18) | 1.92 (1.19-2.66) | 2.62 (1.89-3.34) | 2.87 (2.09-3.64) | 4.17 (3.34-5.01) | 4.3 (3.42-5.17) | 5.18 (4.22-6.15) | 5.61 (4.54-6.69) | 7.58 (6.39-8.78) | 6.59 (5.31-7.88) | 8.61 (6.91-10.3) | 9.89 (8.21-11.58) | *<0.001* |
| Boys | -0.38 (-1.53-0.77) | 1.88 (0.76-3.01) | 1.53 (0.4-2.65) | 0.59 (-0.51-1.69) | 1.55 (0.37-2.72) | 1.84 (0.7-2.99) | 2.33 (1.14-3.51) | 3.07 (1.78-4.36) | 3.78 (2.4-5.16) | 4.5 (3.04-5.96) | 5.06 (3.41-6.72) | 7.38 (5.53-9.23) | 4.92 (2.94-6.9) | 7.89 (5.17-10.62) | 9.39 (6.65-12.13) | *0.001* |
| Girls | 2.91 (2.03-3.8) | 1.9 (1.04-2.76) | 2.31 (1.45-3.18) | 2.59 (1.74-3.44) | 2.36 (1.5-3.23) | 3.66 (2.75-4.57) | 3.53 (2.54-4.52) | 5.4 (4.34-6.47) | 4.99 (3.91-6.08) | 6.07 (4.81-7.33) | 6.44 (5.08-7.8) | 7.96 (6.45-9.47) | 8.48 (6.84-10.11) | 9.12 (7.03-11.2) | 10.74 (8.7-12.78) | *<0.001* |
| High school | 0.6 (-0.45-1.66) | 1.27 (0.23-2.3) | 1.46 (0.44-2.49) | 0.81 (-0.16-1.77) | 1.62 (0.6-2.64) | 1.64 (0.63-2.65) | 1.73 (0.68-2.79) | 3.22 (2.06-4.39) | 3.38 (2.17-4.58) | 3.98 (2.62-5.33) | 4.15 (2.68-5.63) | 5.97 (4.34-7.6) | 5.71 (3.91-7.5) | 6.74 (4.29-9.19) | 9.67 (7.24-12.09) | *0.001* |
| Middle school | 1.3 (0.28-2.31) | 2.03 (1.05-3.01) | 1.87 (0.87-2.86) | 2.19 (1.16-3.22) | 2.14 (1.07-3.21) | 3.52 (2.46-4.59) | 4.1 (2.95-5.24) | 4.97 (3.76-6.17) | 5.05 (3.76-6.34) | 5.75 (4.37-7.13) | 6.66 (5.08-8.24) | 8.5 (6.72-10.28) | 6.5 (4.67-8.33) | 8.86 (6.52-11.21) | 9.15 (6.8-11.49) | *<0.001* |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Mother’s education** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | 1.29 (0.53-2.05) | 1.65 (0.93-2.37) | 1.4 (0.68-2.13) | 1.02 (0.31-1.74) | 1.56 (0.82-2.29) | 1.66 (0.95-2.37) | 2.58 (1.83-3.34) | 3.21 (2.4-4.03) | 3.5 (2.66-4.33) | 5.31 (4.4-6.23) | 4.74 (3.71-5.76) | 5.48 (4.36-6.61) | 5.37 (4.15-6.58) | 7.02 (5.41-8.63) | 7.4 (5.81-8.99) | *<0.001* |
| Boys | 0.24 (-0.97-1.45) | 1.75 (0.6-2.9) | 0.98 (-0.16-2.12) | 0.75 (-0.37-1.86) | 1.29 (0.12-2.46) | 0.9 (-0.22-2.02) | 2.06 (0.89-3.23) | 2.64 (1.37-3.91) | 2.62 (1.29-3.96) | 4.62 (3.23-6.02) | 4.75 (3.16-6.35) | 5.81 (4.04-7.58) | 3.92 (2.02-5.83) | 7.05 (4.4-9.7) | 6.88 (4.26-9.51) | *0.001* |
| Girls | 2.62 (1.71-3.52) | 1.86 (1-2.72) | 2.28 (1.41-3.15) | 1.81 (0.93-2.69) | 2.19 (1.34-3.04) | 2.79 (1.91-3.67) | 3.33 (2.37-4.28) | 4.25 (3.23-5.27) | 4.75 (3.73-5.76) | 6.41 (5.24-7.59) | 5.25 (3.98-6.53) | 5.74 (4.35-7.13) | 7.39 (5.87-8.92) | 7.44 (5.5-9.39) | 8.75 (6.85-10.64) | *<0.001* |
| High school | 0.36 (-0.77-1.48) | 1.44 (0.37-2.5) | 0.96 (-0.09-2.01) | 0.19 (-0.82-1.2) | 0.99 (-0.04-2.02) | 0.7 (-0.32-1.71) | 1.93 (0.87-3) | 1.75 (0.59-2.91) | 2.53 (1.37-3.7) | 4.41 (3.12-5.71) | 3.56 (2.13-4.98) | 4.19 (2.63-5.75) | 3.43 (1.74-5.13) | 5.56 (3.18-7.93) | 7.22 (4.91-9.53) | *0.003* |
| Middle school | 1.54 (0.5-2.58) | 1.2 (0.21-2.19) | 1.42 (0.41-2.43) | 1.81 (0.78-2.83) | 2 (0.95-3.06) | 2.38 (1.36-3.4) | 3.08 (1.99-4.17) | 4.36 (3.2-5.52) | 4.14 (2.92-5.35) | 5.24 (3.94-6.54) | 5.15 (3.67-6.64) | 5.65 (4.01-7.28) | 6.23 (4.46-7.99) | 6.61 (4.43-8.79) | 6.59 (4.4-8.79) | *<0.001* |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Urbanicity** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | -0.57 (-1.29-0.15) | -0.13 (-0.81-0.55) | 0.62 (-0.07-1.31) | 0.32 (-0.38-1.01) | 1.39 (0.68-2.09) | 0.22 (-0.47-0.91) | 0.76 (0.03-1.49) | 1.45 (0.67-2.24) | 1.13 (0.33-1.93) | 1.76 (0.9-2.62) | 1.85 (0.9-2.8) | 1.91 (0.88-2.94) | 2.04 (0.96-3.13) | 1.13 (0.04-2.21) | 0.37 (-0.81-1.54) | *0.043* |
| Boys | -1.64 (-2.78--0.49) | -0.68 (-1.74-0.39) | -0.31 (-1.38-0.77) | -0.6 (-1.68-0.47) | 0.79 (-0.32-1.9) | -0.47 (-1.54-0.61) | -0.04 (-1.15-1.07) | 1.23 (0.02-2.45) | 0.71 (-0.54-1.95) | 0.2 (-1.08-1.49) | 0.78 (-0.7-2.26) | 1.62 (0.01-3.23) | 1.1 (-0.6-2.79) | 0.44 (-1.2-2.09) | -0.77 (-2.59-1.04) | *0.134* |
| Girls | 0.69 (-0.19-1.56) | 0.4 (-0.44-1.23) | 1.65 (0.79-2.51) | 1.42 (0.57-2.27) | 2.24 (1.39-3.09) | 0.92 (0.06-1.79) | 1.69 (0.75-2.62) | 1.65 (0.65-2.65) | 1.44 (0.45-2.43) | 3.25 (2.12-4.38) | 2.77 (1.59-3.96) | 1.78 (0.5-3.06) | 2.95 (1.6-4.3) | 2.06 (0.69-3.42) | 2.12 (0.69-3.56) | *0.012* |
| High school | -1.25 (-2.31--0.19) | -0.43 (-1.42-0.56) | 0.25 (-0.77-1.26) | -0.41 (-1.37-0.55) | 1.21 (0.23-2.2) | -1 (-1.97--0.02) | -0.32 (-1.35-0.7) | 0.54 (-0.59-1.66) | 0.09 (-1.03-1.22) | 0.88 (-0.38-2.14) | 1.51 (0.15-2.87) | 0.6 (-0.87-2.06) | 0.73 (-0.86-2.32) | 0.65 (-0.95-2.25) | 0.41 (-1.3-2.12) | *0.248* |
| Middle school | 0.11 (-0.87-1.08) | 0.19 (-0.74-1.12) | 0.99 (0.05-1.93) | 1.11 (0.12-2.1) | 1.56 (0.54-2.57) | 1.59 (0.62-2.56) | 2 (0.96-3.03) | 2.5 (1.41-3.58) | 2.38 (1.27-3.5) | 2.63 (1.49-3.77) | 2.41 (1.1-3.72) | 3.54 (2.12-4.95) | 3.6 (2.15-5.05) | 1.7 (0.25-3.15) | 0.37 (-1.22-1.97) | *0.005* |