## Table 1: Association Between Maternal Exposure to IPV and Child Telomere Length

| IPV | Outcome | N | 25th Percentile | 75th Percentile | Outcome, 75th Percentile v. 25th Percentile | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | Unadjusted | | | | | Adjusted | | | | |
|  |  |  |  |  | Predicted Outcome at 25th Percentile | Predicted Outcome at 75th Percentile | Coefficient (95% CI) | P-value | FDR Corrected P-value | Predicted Outcome at 25th Percentile | Predicted Outcome at 75th Percentile | Coefficient (95% CI) | P-value | FDR Corrected P-value |
| Lifetime Exposure to IPV Year 2 | Telomere length Z-score Year 2 | 686 | 0 | 1 | -0.03 | -0.14 | -0.11 (-0.26, 0.04) | 0.14 | 0.26 | 0.3 | 0.17 | -0.13 (-0.28, 0.02) | 0.08 | 0.33 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exposure to IPV during Pregnancy | Telomere length Z-score Year 1 | 300 | 0 | 1 | 0 | -0.07 | -0.07 (-0.36, 0.22) | 0.63 | 0.79 | 0 | -0.13 | -0.13 (-0.43, 0.17) | 0.41 | 0.6 |
|  | Telomere length Z-score Year 2 | 367 | 0 | 1 | -0.03 | -0.29 | -0.25 (-0.49, -0.01) | 0.04 | 0.12 | 0.03 | -0.16 | -0.19 (-0.43, 0.05) | 0.13 | 0.33 |
|  | Change in Telomere length Z-Score | 288 | 0 | 1 | 0.08 | -0.26 | -0.33 (-0.63, -0.03) | 0.03 | 0.12 | 0.26 | -0.06 | -0.32 (-0.64, -0.01) | 0.05 | 0.33 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exposure to IPV during first year of child's life | Telomere length Z-score Year 1 | 312 | 0 | 1 | -0.04 | -0.01 | 0.03 (-0.2, 0.27) | 0.79 | 0.79 | -0.07 | -0.08 | 0 (-0.25, 0.25) | 0.99 | 0.99 |
|  | Telomere length Z-score Year 2 | 383 | 0 | 1 | -0.09 | -0.28 | -0.19 (-0.39, 0.01) | 0.07 | 0.15 | -0.11 | -0.25 | -0.14 (-0.35, 0.07) | 0.2 | 0.36 |
|  | Change in Telomere length Z-Score | 297 | 0 | 1 | 0.03 | -0.22 | -0.26 (-0.49, -0.02) | 0.03 | 0.12 | 0.26 | 0.06 | -0.19 (-0.45, 0.07) | 0.15 | 0.33 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exposure to IPV in Past 12 Months Year 2 | Telomere length Z-score Year 2 | 383 | 0 | 1 | -0.04 | -0.17 | -0.13 (-0.34, 0.08) | 0.22 | 0.33 | -0.06 | -0.14 | -0.08 (-0.3, 0.13) | 0.47 | 0.6 |
|  | Change in Telomere length Z-Score | 297 | 0 | 1 | 0 | -0.04 | -0.04 (-0.29, 0.21) | 0.77 | 0.79 | 0.17 | 0.18 | 0.01 (-0.24, 0.27) | 0.94 | 0.99 |
| N, 25th Percentile, and 75th Percentile are from the unadjusted analyses | | | | | | | | | | | | | | |

## Table 2: Association Between Maternal Depression and Child Telomere Length

| Maternal Depression | Outcome | N | 25th Percentile | 75th Percentile | Outcome, 75th Percentile v. 25th Percentile | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | Unadjusted | | | | | Adjusted | | | | |
|  |  |  |  |  | Predicted Outcome at 25th Percentile | Predicted Outcome at 75th Percentile | Coefficient (95% CI) | P-value | FDR Corrected P-value | Predicted Outcome at 25th Percentile | Predicted Outcome at 75th Percentile | Coefficient (95% CI) | P-value | FDR Corrected P-value |
| Maternal Depression Year 1 | Telomere length Z-score Year 1 | 658 | 6 | 16 | -0.04 | 0.03 | 0.07 (-0.03, 0.17) | 0.17 | 0.65 | 0.09 | 0.15 | 0.06 (-0.03, 0.16) | 0.19 | 0.57 |
|  | Telomere length Z-score Year 2 | 699 | 6 | 16 | -0.13 | -0.09 | 0.04 (-0.05, 0.13) | 0.41 | 0.66 | 0.2 | 0.25 | 0.05 (-0.04, 0.13) | 0.29 | 0.57 |
|  | Change in Telomere length Z-Score | 555 | 6 | 16 | -0.11 | -0.13 | -0.02 (-0.12, 0.08) | 0.69 | 0.69 | 0.26 | 0.25 | -0.01 (-0.11, 0.1) | 0.87 | 0.87 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Binary Maternal Depression Year 1 | Telomere length Z-score Year 1 | 658 | 0 | 1 | -0.04 | 0.11 | 0.15 (-0.02, 0.32) | 0.09 | 0.65 | 0.1 | 0.21 | 0.11 (-0.06, 0.29) | 0.2 | 0.57 |
|  | Telomere length Z-score Year 2 | 699 | 0 | 1 | -0.13 | -0.04 | 0.09 (-0.08, 0.25) | 0.32 | 0.65 | 0.21 | 0.31 | 0.1 (-0.06, 0.27) | 0.22 | 0.57 |
|  | Change in Telomere length Z-Score | 555 | 0 | 1 | -0.11 | -0.15 | -0.04 (-0.23, 0.15) | 0.67 | 0.69 | 0.26 | 0.24 | -0.02 (-0.21, 0.17) | 0.82 | 0.87 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Maternal Depression Year 2 | Telomere length Z-score Year 2 | 687 | 5 | 17 | -0.11 | -0.09 | 0.02 (-0.06, 0.11) | 0.61 | 0.69 | 0.19 | 0.22 | 0.03 (-0.06, 0.11) | 0.57 | 0.76 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Binary Maternal Depression Year 2 | Telomere length Z-score Year 2 | 687 | 0 | 1 | -0.12 | -0.03 | 0.09 (-0.08, 0.26) | 0.28 | 0.65 | 0.19 | 0.27 | 0.08 (-0.09, 0.24) | 0.36 | 0.58 |
| N, 25th Percentile, and 75th Percentile are from the unadjusted analyses | | | | | | | | | | | | | | |

## Table 3: Association Between Parental Stress and Child Telomere Length

| Parental Stress | Outcome | N | 25th Percentile | 75th Percentile | Outcome, 75th Percentile v. 25th Percentile | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | Unadjusted | | | | | Adjusted | | | | |
|  |  |  |  |  | Predicted Outcome at 25th Percentile | Predicted Outcome at 75th Percentile | Coefficient (95% CI) | P-value | FDR Corrected P-value | Predicted Outcome at 25th Percentile | Predicted Outcome at 75th Percentile | Coefficient (95% CI) | P-value | FDR Corrected P-value |
| Maternal Perceived Stress | Telomere Length Z-score Year 2 | 688 | 10 | 18 | -0.08 | -0.1 | -0.02 (-0.13, 0.09) | 0.76 | 0.76 | 0.21 | 0.18 | -0.04 (-0.14, 0.07) | 0.51 | 0.51 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Paternal Perceived Stress | Telomere Length Z-score Year 2 | 502 | 14 | 21 | -0.22 | -0.07 | 0.15 (-0.04, 0.34) | 0.13 | 0.26 | 0.2 | 0.33 | 0.13 (-0.05, 0.32) | 0.16 | 0.32 |
| N, 25th Percentile, and 75th Percentile are from the unadjusted analyses | | | | | | | | | | | | | | |