

## Supplementary Materials

**Table S1.** Results of Univariate Models Testing For the Effects Of COVID-Related Hardships on Change in ASQ Category Scores.

|  |                      |      |                |      |                  |             |               |             |               |             |
|--|----------------------|------|----------------|------|------------------|-------------|---------------|-------------|---------------|-------------|
| Less than High School                                | <b>2.81 (1.35,6)</b> | 0.01 | 1.11 (0.42,3)  | 0.83 | 3.24<br>(1.45,7) | <b>0.00</b> | 3.15 (1.18,8) | <b>0.02</b> | 0.85 (0.3,2)  | 0.76        |
| High school degree, GED or equivalent                | 2.87 (1.57,5)        | 0.00 | 1.55 (0.76,3)  | 0.23 | 2.77 (1.3,6)     | 0.01        | 3.99 (1.7,9)  | 0.00        | 1.21 (0.55,3) | 0.64        |
| Some College, no Degree, or AA                       | 1.37 (0.75,2)        | 0.31 | 0.53 (0.25,1)  | 0.09 | 0.85<br>(0.36,2) | 0.70        | 0.87 (0.33,2) | 0.78        | 0.78 (0.37,2) | 0.50        |
| Master's Degree, Professional or Doctorate Degree    | 0.71 (0.41,1)        | 0.23 | 0.86 (0.5,1)   | 0.60 | 0.98<br>(0.49,2) | 0.96        | 1.31 (0.59,3) | 0.51        | 1.11 (0.61,2) | 0.74        |
| <b>Maternal Employment:</b><br>No vs Yes             | 1.18 (0.46,3)        | 0.72 | 1.38 (0.62,3)  | 0.43 | 1.24<br>(0.36,4) | 0.72        | 1.77 (0.66,5) | 0.25        | 0.86 (0.28,3) | 0.78        |
| <b>Household income (References: &gt; \$100,000)</b> |                      |      |                |      |                  |             |               |             |               |             |
| <\$30,000  | 3.04 (1.87,5)        | 0.00 | 1.2 (0.68,2)   | 0.53 | 1.83<br>(0.98,3) | 0.06        | 2.45 (1.21,5) | 0.01        | 1.21 (0.68,2) | 0.52        |
| \$30,000-49,999                                      | <b>1.68 (0.79,4)</b> | 0.18 | 0.71 (0.27,2)  | 0.49 | 1.37<br>(0.54,3) | 0.50        | 1.36 (0.45,4) | 0.59        | 1.17 (0.5,3)  | 0.72        |
| \$50,000- 74,999                                     | <b>2.06 (0.99,4)</b> | 0.05 | 0.83 (0.35,2)  | 0.68 | 1.58<br>(0.63,4) | 0.33        | 1.63 (0.49,5) | 0.43        | 1.44 (0.55,4) | 0.45        |
| \$75,000-99,999                                      | 1.1 (0.47,3)         | 0.82 | 1.13 (0.49,3)  | 0.77 | 1.28<br>(0.54,3) | 0.58        | 1.15 (0.34,4) | 0.82        | 0.82 (0.32,2) | 0.68        |
| Marital Status                                       | 1.29 (0.69,2)        | 0.42 | 1.23 (0.6,2)   | 0.57 | 1.77<br>(0.83,4) | 0.14        | 1.83 (0.81,4) | <b>0.15</b> | 0.84 (0.34,2) | 0.71        |
| <b>Child Characteristics</b>                         |                      |      |                |      |                  |             |               |             |               |             |
| Preterm: 37+wks vs < 37wks                           | 0.91 (0.47,2)        | 0.78 | 1.01 (0.46,2)  | 0.98 | 0.77<br>(0.39,2) | 0.47        | 1.13 (0.42,3) | 0.81        | 1.92 (0.79,5) | <b>0.15</b> |
| Children Sex: Male vs Female                         | <b>2.44 (1.61,4)</b> | 0.00 |                |      | 1.32<br>(0.81,2) | 0.26        | 1.58 (0.9,3)  | <b>0.11</b> | 2.4 (1.46,4)  | <b>0.00</b> |
| Children's Race (Reference: White)                   |                      |      |                |      |                  |             |               |             |               |             |
| Black  | 1.32 (0.52,3)        | 0.56 | 1.18 (0.43,3)  | 0.75 | 1.28<br>(0.27,6) | 0.75        | 1.54 (0.36,7) | 0.56        | 1.04 (0.27,4) | 0.95        |
| Other  | 0.8 (0.51,1)         | 0.33 | 0.88 (0.53,1)  | 0.61 | 0.89<br>(0.52,2) | 0.67        | 1.26 (0.7,2)  | 0.44        | 1.04 (0.61,2) | 0.87        |
| Children Ethnicity: Not Hispanic vs Hispanic         | <b>0.42 (0.28,1)</b> | 0.00 | 1.17 (0.72,2)  | 0.52 | 0.78<br>(0.48,1) | 0.30        | 0.66 (0.37,1) | <b>0.15</b> | 0.93 (0.57,2) | 0.76        |
| Gestational age                                      | 0.98 (0.92,1)        | 0.59 | 0.97 (0.91,1)  | 0.45 | 1.01<br>(0.93,1) | 0.83        | 1.05 (0.91,1) | 0.53        | 1.1 (0.97,1)  | <b>0.13</b> |
| Birth weight   | 1 (1,1)              | 0.85 | <b>1 (1,1)</b> | 0.17 | 1 (1,1)          | 0.28        | 1 (1,1)       | 0.37        | 1 (1,1)       | 0.21        |

|                       |                      |      |                              |      |                     |      |                              |      |                     |             |
|-----------------------|----------------------|------|------------------------------|------|---------------------|------|------------------------------|------|---------------------|-------------|
| Children Pre-Pandemic | -0.79 (-0.54,-<br>1) | 0.23 | <b>-1.19 (-0.76,-<br/>2)</b> | 0.44 | -1.05(-0.65,-<br>2) | 0.83 | <b>-1.42 (-0.81,-<br/>2)</b> | 0.22 | -0.66 (-0.4,-<br>1) | <b>0.10</b> |
|-----------------------|----------------------|------|------------------------------|------|---------------------|------|------------------------------|------|---------------------|-------------|

Note. OR= Odds Ratio and CI = Confidence Interval; ASQ (Ages and Stages Questionnaire); Values in bold indicates covariates with p-values smaller than .2.

**Table S2.** Results of Multivariate Models Testing For The Effects Of COVID-Related Hardships on ASQ Categories (adjusted for pre-pandemic ASQ Scores and Significant Covariates (p-values <.2).

|   | Parents' job loss/change |                  |                  | Less contact with household members |                  |                  | Less contact with family/friends outside home |                  |                  |
|---|--------------------------|------------------|------------------|-------------------------------------|------------------|------------------|---|------------------|------------------|
|   | Gross Motor              | Fine motor       | Problem solving  | Gross Motor                         | Fine motor       | Problem solving  | Gross Motor                                   | Fine motor       | Problem solving  |
|   | OR<br>(95%CI)            | OR<br>(95%CI)    | OR<br>(95%CI)    | OR<br>(95%CI)                       | OR<br>(95%CI)    | OR<br>(95%CI)    | OR<br>(95%CI)                                 | OR<br>(95%CI)    | OR<br>(95%CI)    |
| Parents' job loss/change                      | 0.86<br>(0.48,2)         | 0.5<br>(0.26,1)  | 0.75<br>(0.34,2) |                                     |                  |                  |   |                  |                  |
| Less contact with household members           |                          |                  |                  | 0.88<br>(0.47,2)                    | 1.48<br>(0.74,3) | 0.55<br>(0.22,1) |   |                  |                  |
| Less contact with family/friends outside home |                          |                  |                  |                                     |                  |                  | 0.86<br>(0.44,2)                              | 0.73<br>(0.36,1) | 1.06<br>(0.45,2) |
| Baseline ASQ                                  | 0.76<br>(0.55,1)         | 0.66<br>(0.48,1) | 0.97<br>(0.68,1) | 1.16<br>(0.94,1)                    | 1.08<br>(0.89,1) | 1.17<br>(0.93,1) | 1.16<br>(0.94,1)                              | 1.09<br>(0.9,1)  | 1.14<br>(0.92,1) |
| Maternal Characteristics                      |                          |                  |                  |                                     |                  |                  |   |                  |                  |
| American Indian or Alaska Native              | 1.12<br>(0.43,3)         | 0.39<br>(0.1,1)  | 1.18<br>(0.25,6) | 1.2<br>(0.49,3)                     | 0.27<br>(0.08,1) | 0.96<br>(0.27,3) | 1.13<br>(0.47,3)                              | 0.29<br>(0.09,1) | 0.83<br>(0.24,3) |
| Asian   | 0.97<br>(0.42,2)         | 0.99<br>(0.38,3) | 2 (0.7,6)        | 0.94<br>(0.46,2)                    | 1.23<br>(0.53,3) | 2 (0.8,5)        | 0.93<br>(0.46,2)                              | 1.32<br>(0.59,3) | 1.86<br>(0.75,5) |
| Black   | 1.98<br>(0.69,6)         | 0.36<br>(0.06,2) | 0.7<br>(0.09,5)  | 1.51<br>(0.55,4)                    | 0.56<br>(0.14,2) | 1.01<br>(0.23,4) | 1.51<br>(0.56,4)                              | 0.55<br>(0.14,2) | 1.02<br>(0.22,5) |

|  | 1                 | 2                 | 3                 | 4                 | 5                       | 6                 | 7                 | 8                 | 9                 |
|--|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------|-------------------|-------------------|-------------------|
| Multiple race                                    | 0.57<br>(0.13,2)  | 1.19<br>(0.32,4)  | 1.68<br>(0.41,7)  | 0.4<br>(0.09,2)   | 0.77<br>(0.25,2)        | 1.14<br>(0.31,4)  | 0.39<br>(0.09,2)  | 0.76<br>(0.24,2)  | 1.12<br>(0.3,4)   |
| Native Hawaiian or other Pacific Islander        | 2.53<br>(0.47,13) | 4.36<br>(0.24,79) | 1.69<br>(0.07,41) | 2.11<br>(0.35,13) | 1.49<br>(0.17,13)       | 0.81<br>(0.06,12) | 2.17<br>(0.36,13) | 1.59<br>(0.18,14) | 0.8<br>(0.05,12)  |
| Other race                                       | 0.42<br>(0.16,1)  | 0.43<br>(0.13,1)  | 0.36<br>(0.07,2)  | 0.61<br>(0.29,1)  | 0.32<br>(0.12,1)        | 0.45<br>(0.14,2)  | 0.61<br>(0.29,1)  | 0.33<br>(0.13,1)  | 0.44<br>(0.13,1)  |
| Maternal ethnicity                               |                   |                   | 0.47<br>(0.17,1)  |                   |                         | 0.71<br>(0.29,2)  |                   |                   | 0.7<br>(0.29,2)   |
| Less than high school                            | 1.9<br>(0.45,8)   | 7.66<br>(1.73,34) | 1.72<br>(0.24,12) | 1.32<br>(0.47,4)  | 8.66<br>(2.61,29)       | 3.05<br>(0.66,14) | 1.32<br>(0.48,4)  | 8.22<br>(2.49,27) | 3.24<br>(0.68,15) |
| High school degree, GED or equivalent            | 1.54<br>(0.52,5)  | 3.49<br>(0.84,15) | 1.71<br>(0.34,9)  | 1.57<br>(0.7,4)   | 5.4<br><b>(1.71,17)</b> | 3.74<br>(0.94,15) | 1.56<br>(0.69,3)  | 4.98<br>(1.58,16) | 3.91<br>(0.94,16) |
| Some college, no degree, or AA                   | 0.77<br>(0.32,2)  | 1.08<br>(0.36,3)  | 0.53<br>(0.13,2)  | 0.55<br>(0.26,1)  | 1.14<br>(0.43,3)        | 0.7<br>(0.22,2)   | 0.54<br>(0.26,1)  | 1.13<br>(0.43,3)  | 0.71<br>(0.22,2)  |
| Mater's degree, Professional or Doctorate Degree | 0.87<br>(0.45,2)  | 0.96<br>(0.44,2)  | 1.48<br>(0.54,4)  | 0.83<br>(0.48,1)  | 0.95<br>(0.47,2)        | 1.52<br>(0.64,4)  | 0.83<br>(0.48,1)  | 0.93<br>(0.46,2)  | 1.57<br>(0.66,4)  |
| <\$30,000  |                   | 1.36<br>(0.33,6)  | 3.27<br>(0.58,18) |                   | 0.95<br>(0.31,3)        | 1.77<br>(0.42,7)  |                   | 0.95<br>(0.31,3)  | 1.74<br>(0.41,7)  |
| \$30,000-\$49,999                                |                   | 0.78<br>(0.2,3)   | 1.14<br>(0.19,7)  |                   | 0.78<br>(0.26,2)        | 1.06<br>(0.24,5)  |                   | 0.75<br>(0.25,2)  | 1.06<br>(0.25,5)  |
| \$50,000-\$74,999                                |                   | 1.48<br>(0.5,4)   | 2.4<br>(0.62,9)   |                   | 1.55<br>(0.57,4)        | 1.97<br>(0.54,7)  |                   | 1.52<br>(0.55,4)  | 1.86<br>(0.52,7)  |
| \$75,000-\$99,999                                |                   | 1.44<br>(0.49,4)  | 1.97<br>(0.48,8)  |                   | 1.13<br>(0.41,3)        | 1.66<br>(0.43,6)  |                   | 1.14<br>(0.41,3)  | 1.58<br>(0.41,6)  |
| Marital status                                   |                   | 1.19<br>(0.46,3)  | 1.45<br>(0.48,4)  |                   | 1.65<br>(0.69,4)        | 1.5<br>(0.61,4)   |                   | 1.71<br>(0.72,4)  | 1.48<br>(0.59,4)  |

#### Child Characteristics

|              |                        |                         |                         |
|--------------|------------------------|-------------------------|-------------------------|
| Child's sex  | <b>1.7</b><br>(0.85,3) | <b>1.75</b><br>(0.97,3) | <b>1.71</b><br>(0.95,3) |
| Birth weight | <b>1 (1,1)</b>         | <b>1 (1,1)</b>          | <b>1 (1,1)</b>          |

OR= Odds Ratio and CI = Confidence Interval. OR and CI values indicated in bold presents those with significance values greater than .008. References groups for categorical variables were White (maternal race), college degree (maternal education), Hispanic (maternal ethnicity), and female (child's sex).

Table S3. Results of Univariate Models Testing For the Effects Of COVID-Related Hardships on Change in ASQ Z-Scores.

|   | Communication     |            | Gross motor       |            | Fine Motor       |            | Problem-Solving   |            | Personal-Social   |            |
|---|-------------------|------------|-------------------|------------|------------------|------------|-------------------|------------|-------------------|------------|
|   | OR<br>(95%CI)     | P<br>value | OR<br>(95%CI)     | P<br>value | OR<br>(95%CI)    | P<br>value | OR<br>(95%CI)     | P<br>value | OR<br>(95%CI)     | P<br>value |
| Parents' job loss/change                                | 1.14<br>(0.72,2)  | 0.58       | 0.88<br>(0.53,1)  | 0.62       | 0.72<br>(0.42,1) | 0.24       | 1.13<br>(0.58,2)  | 0.72       | 1.11<br>(0.64,2)  | 0.72       |
| less contact with household members                     |                   |            | 0.8<br>(0.43,1)   |            | 1.35<br>(0.74,2) |            | 0.58<br>(0.25,1)  |            | 0.77<br>(0.37,2)  | 0.48       |
| Less contact with family/friends outside the home       | 1.64<br>(0.79,3)  | 0.18       | 0.85<br>(0.43,2)  | 0.64       | 0.66<br>(0.34,1) | 0.21       | 0.92<br>(0.39,2)  | 0.85       | 1.22<br>(0.56,3)  | 0.61       |
| Baseline ASQ Z-score                                    | 0.84<br>(0.67,1)  |            | 0.87<br>(0.66,1)  | 0.32       | 0.77 (0.6,1)     | 0.04       | 0.79<br>(0.58,1)  | 0.14       | 0.82<br>(0.63,1)  | 0.12       |
| Maternal race (Reference: white)                        |                   |            |                   |            |                  |            |                   |            |                   |            |
| American Indian or Alaska Native                        | 1.16<br>(0.51,3)  | 0.73       | 1.26<br>(0.56,3)  | 0.58       | 0.87<br>(0.35,2) | 0.76       | 1.74<br>(0.7,4)   | 0.23       | 1.02<br>(0.42,2)  | 0.97       |
| Asian   | 0.86<br>(0.45,2)  | 0.64       | 1.01 (0.5,2)      | 0.98       | 1.23 (0.6,3)     | 0.56       | 1.58<br>(0.66,4)  | 0.30       | 1.59<br>(0.79,3)  | 0.20       |
| Black   | 1.47<br>(0.58,4)  | 0.42       | 1.66<br>(0.69,4)  | 0.26       | 1.44<br>(0.37,6) | 0.60       | 2.12<br>(0.56,8)  | 0.27       | 1.09<br>(0.31,4)  | 0.90       |
| Multiple race   | 1.55<br>(0.66,4)  | 0.32       | 0.39<br>(0.09,2)  | 0.20       | 0.88<br>(0.25,3) | 0.84       | 1.33<br>(0.37,5)  | 0.67       | 1.5 (0.56,4)      | 0.42       |
| Native Hawaiian or other Pacific Islander               | 4.57<br>(0.93,22) | 0.06       | 3.24<br>(0.58,18) | 0.18       | 14<br>(1.22,160) | 0.03       | 5.25<br>(0.45,62) | 0.19       | 3.62<br>(0.33,39) | 0.29       |
| Other race  | 2.59<br>(1.6,4)   | 0.00       | 0.77<br>(0.38,2)  | 0.47       | 1.09<br>(0.58,2) | 0.79       | 1.53<br>(0.71,3)  | 0.28       | 1.08<br>(0.55,2)  | 0.82       |
| Maternal ethnicity - Not Hispanic or Latino vs Hispanic | 0.43<br>(0.29,1)  |            | 1.09<br>(0.67,2)  |            | 0.85<br>(0.52,1) |            | 0.63<br>(0.36,1)  |            | 0.84<br>(0.51,1)  | 0.49       |

| Maternal Education (Reference: college degree) |                  |      |                  |      |                  |      |                  |      |                       |
|--|------------------|------|------------------|------|------------------|------|------------------|------|-----------------------|
| Less than high school                          | 2.81<br>(1.35,6) | 0.01 | 1.11<br>(0.42,3) | 0.83 | 3.24<br>(1.45,7) | 0.00 | 3.15<br>(1.18,8) | 0.02 | 0.85 (0.3,2) 0.76     |
| High school degree, GED or equivalent          | 2.87<br>(1.57,5) | 0.00 | 1.55<br>(0.76,3) | 0.23 | 2.77 (1.3,6)     | 0.01 | 3.99<br>(1.7,9)  | 0.00 | 1.21<br>(0.55,3) 0.64 |
| Some college, no degree, or AA                 | 1.37<br>(0.75,2) | 0.31 | 0.53<br>(0.25,1) | 0.09 | 0.85<br>(0.36,2) | 0.70 | 0.87<br>(0.33,2) | 0.78 | 0.78<br>(0.37,2) 0.50 |
| Mater's degree, Professional/Doctorate Degree  | 0.71<br>(0.41,1) | 0.23 | 0.86 (0.5,1)     | 0.60 | 0.98<br>(0.49,2) | 0.96 | 1.31<br>(0.59,3) | 0.51 | 1.11<br>(0.61,2) 0.74 |
| Maternal employment: No vs Yes                 | 1.18<br>(0.46,3) | 0.72 | 1.38<br>(0.62,3) | 0.43 | 1.24<br>(0.36,4) | 0.72 | 1.77<br>(0.66,5) | 0.25 | 0.86<br>(0.28,3) 0.78 |
| Household income (Reference: > \$100,000)      |                  |      |                  |      |                  |      |                  |      |                       |
| <\$30,000                                      | 3.04<br>(1.87,5) | 0.00 | 1.2 (0.68,2)     | 0.53 | 1.83<br>(0.98,3) | 0.06 | 2.45<br>(1.21,5) | 0.01 | 1.21<br>(0.68,2) 0.52 |
| \$30,000-\$49,999                              | 1.68<br>(0.79,4) | 0.18 | 0.71<br>(0.27,2) | 0.49 | 1.37<br>(0.54,3) | 0.50 | 1.36<br>(0.45,4) | 0.59 | 1.17 (0.5,3) 0.72     |
| \$50,000-\$74,999                              | 2.06<br>(0.99,4) | 0.05 | 0.83<br>(0.35,2) | 0.68 | 1.58<br>(0.63,4) | 0.33 | 1.63<br>(0.49,5) | 0.43 | 1.44<br>(0.55,4) 0.45 |
| \$75,000-\$99,999                              | 1.1<br>(0.47,3)  | 0.82 | 1.13<br>(0.49,3) | 0.77 | 1.28<br>(0.54,3) | 0.58 | 1.15<br>(0.34,4) | 0.82 | 0.82<br>(0.32,2) 0.68 |
| Marital status                                 | 1.29<br>(0.69,2) | 0.42 | 1.23 (0.6,2)     | 0.57 | 1.77<br>(0.83,4) | 0.14 | 1.83<br>(0.81,4) | 0.15 | 0.84<br>(0.34,2) 0.71 |
| Preterm (37+wks vs < 37wks)                    | 0.91<br>(0.47,2) | 0.78 | 1.01<br>(0.46,2) | 0.98 | 0.77<br>(0.39,2) | 0.47 | 1.13<br>(0.42,3) | 0.81 | 1.92<br>(0.79,5) 0.15 |
| Children sex: Male vs Female                   | 2.44<br>(1.61,4) | 0.00 |                  |      | 1.32<br>(0.81,2) | 0.26 | 1.58<br>(0.9,3)  | 0.11 | 2.4 (1.46,4) 0.00     |
| Children race (Reference: white)               |                  |      | 0.78 (0.5,1)     |      | 0.26             |      |                  |      |                       |

|  |                  |                  |                  |                  |                  |                  |                     |      |
|--|------------------|------------------|------------------|------------------|------------------|------------------|---------------------|------|
|  | 1.32<br>(0.52,3) | 0.56<br>(0.43,3) | 0.75<br>(0.27,6) | 1.28<br>(0.36,7) | 0.75<br>(0.36,7) | 0.56<br>(0.27,4) | 1.04<br>(0.27,4)    | 0.95 |
| Black or African American                      |                  |                  |                  |                  |                  |                  |                     |      |
| Others   | 0.8<br>(0.51,1)  | 0.33<br>(0.53,1) | 0.61<br>(0.52,2) | 0.89<br>(0.72,2) | 0.67<br>(0.7,2)  | 0.44<br>(0.61,2) | 1.04<br>(0.61,2)    | 0.87 |
| Children's ethnicity: Not Hispanic vs Hispanic | 0.42<br>(0.28,1) | 1.17<br>(0.72,2) | 0.78<br>(0.48,1) | 0.66<br>(0.37,1) | 0.93<br>(0.57,2) | 0.15<br>(0.97,1) | 0.76                |      |
| Gestational age                                | 0.98<br>(0.92,1) | 0.59<br>(0.91,1) | 0.45<br>(0.93,1) | 1.01<br>(0.91,1) | 1.05<br>(0.91,1) | 0.53<br>(0.97,1) | 1.1<br><b>0.13</b>  |      |
| Birth weight                                   | 1 (1,1)          | 0.85             | 1 (1,1)          | <b>0.17</b>      | 1 (1,1)          | 0.28             | 1 (1,1)             | 0.37 |
| Children Pre Pandemic Life Stage               | 0.79<br>(0.54,1) | 0.23<br>(0.76,2) | 0.44<br>(0.65,2) | 1.05<br>(0.81,2) | 1.42<br>(0.4,1)  | 0.22<br>(0.4,1)  | 0.66<br><b>0.10</b> |      |

Note. OR= Odds Ratio and CI = Confidence Interval; ASQ (Ages and Stages Questionnaire)

**Table S4.** Results of Multivariate Models Testing For The Effects Of COVID-Related Hardships on ASQ domain z-score change (adjusted for pre-pandemic ASQ Scores and Significant Covariates (p-values <.2).

|   | Parents' job loss/change |                        |                        | Less contact with household members |                        |                        | Less contact with family/friends outside home |                              |                        |
|---|--------------------------|------------------------|------------------------|-------------------------------------|------------------------|------------------------|---|------------------------------|------------------------|
|   | Gross Motor              | Fine motor             | Problem solving        | Gross Motor                         | Fine motor             | Problem solving        | Gross Motor                                   | Fine motor                   | Problem solving        |
|   | OR                       | OR                     | OR                     | OR                                  | OR                     | OR                     | OR (95%CI)                                    | OR                           | OR                     |
|   | (95%CI)                  | (95%CI)                | (95%CI)                | (95%CI)                             | (95%CI)                | (95%CI)                |   | (95%CI)                      | (95%CI)                |
| Parents' job loss/change                      | 0.13<br>(-0.03,0.29)     | 0.16<br>(-.02,0.34)    | 0<br>(-.18,0.19)       |                                     |                        |                        |   |                              |                        |
| Less contact with household members           |                          |                        |                        | 0.08<br>(-0.1,0.26)                 | 0.04<br>(-.19,0.26)    | 0.22<br>(0.01,0.42)    |   |                              |                        |
| Less contact with family/friends outside home |                          |                        |                        |                                     |                        |                        | 0<br>(-0.22,0.22)                             | 0.02<br>(-.23,0.28)          | -0.05<br>(-0.3,0.2)    |
| Baseline ASQ                                  | -0.68<br>(-0.8,-0.55)    | -0.65<br>(-0.74,-0.55) | -0.72<br>(-0.82,-0.61) | -0.71<br>(-0.81,-0.6)               | -0.64<br>(-0.74,-0.55) | -0.65<br>(-0.75,-0.56) | -0.71<br>(-0.81,-0.6)                         | -0.64<br>(-0.74,-0.55)       | -0.65<br>(-0.74,-0.56) |
| <b>Maternal Characteristics</b>               |                          |                        |                        |                                     |                        |                        |   |                              |                        |
| American Indian or Alaska Native              | -0.01<br>(-0.41,0.39)    | 0.34<br>(-0.04,0.73)   | -0.22<br>(-0.68,0.24)  | -0.1<br>(-.45,0.24)                 | 0.34<br>(-.01,0.69)    | -0.12<br>(-0.54,0.29)  | -0.08<br>(-0.42,0.26)                         | 0.35 (0,0.69)<br>(0.35,0.69) | -0.06<br>(-.46,0.33)   |
| Asian   | 0.26<br>(0.03,0.49)      | 0.15<br>(-0.12,0.43)   | 0<br>(-0.28,0.27)      | 0.22<br>(0.02,0.41)                 | 0.12<br>(-0.13,0.38)   | -0.04<br>(-0.3,0.21)   | 0.22<br>(0.02,0.42)                           | 0.13<br>(-0.13,0.38)         | -0.02<br>(-0.27,0.24)  |
| Black   | -0.3                     | 0.06                   | -0.07                  | -0.23                               | 0.01                   | -0.05                  | -0.23   | 0.01                         | -0.05                  |

|  |              |                          |              |                          |               |                          |                       |                          |              |
|--|--------------|--------------------------|--------------|--------------------------|---------------|--------------------------|-----------------------|--------------------------|--------------|
|  | (-.76,0.16)  | (-0.36,0.48)             | (-0.58,0.44) | (-0.66,0.2)              | (-0.45,0.47)  | (-0.54,0.45)             | (-0.66,0.2)           | (-0.45,0.47)             | (-0.55,0.45) |
| Multiple race                                    | 0.01         | -0.1                     | -0.3         | 0.14                     | 0.21          | -0.03                    | 0.14                  | 0.22                     | -0.01        |
|  | (-.32,0.34)  | (-0.53,0.34)             | (-0.71,0.1)  | (-0.13,0.41)             | (-0.16,0.59)  | (-0.38,0.33)             | (-0.13,0.41)          | (-0.16,0.59)             | (-0.36,0.34) |
| Native Hawaiian or other Pacific Islander        | -0.64        | -0.68 (-<br>1.87,0.5)    | -0.86        | -0.6                     | -0.5          | -0.57                    | -0.6                  | -0.51                    | -0.57        |
|  | (-.52,0.23)  | (-2.35,0.64)             | (-1.46,0.26) | (-1.61,0.61)             | (-2.02,0.88)  | (-1.46,0.26)             | (-1.62,0.6)           | (-2.02,0.89)             |              |
| Other race                                       | 0.12         | 0.21                     | 0.04         | 0.04                     | 0.29          | 0.08                     | 0.04                  | 0.29                     | 0.09         |
|  | (-.21,0.45)  | (-0.17,0.6)              | (-0.35,0.42) | (-0.24,0.32)             | (-0.09,0.67)  | (-0.27,0.42)             | (-0.23,0.32)          | (-0.09,0.67)             | (-0.26,0.44) |
| Maternal ethnicity                               | 0.06         | 0.05                     |              | 0.09                     | 0.11          |                          | 0.09                  | 0.11                     |              |
|  | (-0.17,0.3)  | (-0.23,0.32)             |              | (-0.11,0.3)              | (-0.14,0.36)  |                          | (-0.11,0.3)           | (-0.13,0.36)             |              |
| Less than high school                            | -0.3         | Less than high<br>school | -0.3         | Less than high<br>school | -0.3          | Less than high<br>school | -0.3                  | Less than high<br>school | -0.3         |
| High school degree, GED or equivalent            | -0.07        | -0.36                    | -0.11        | -0.06                    | -0.38         | -0.29                    | -0.06                 | -0.38                    | -0.3         |
|  | (-0.44,0.31) | (-0.75,0.03)             | (-0.58,0.36) | (-0.38,0.25)             | (-0.76,-0.01) | (-0.72,0.14)             | (-0.38,0.25)          | (-0.76,0)                | (-0.74,0.13) |
| Mater's degree, Professional or Doctorate Degree | 0.04         | 0.08                     | -0.08        | 0.07                     | 0.1           | -0.07                    | 0.06                  | 0.1                      | -0.08        |
|  | (-0.15,0.24) | (-0.13,0.29)             | (-0.3,0.13)  | (-0.11,0.24)             | (-0.08,0.29)  | (-0.26,0.12)             | (-0.11,0.23)          | (-0.08,0.28)             | (-0.27,0.11) |
| Some college, no degree, or AA                   | 0.13         | -0.04                    | 0.26         | 0.18                     | -0.01         | 0.13                     | 0.18 (-<br>0.02,0.38) | -0.01                    | 0.14         |
|  | (-0.1,0.35)  | (-0.34,0.26)             | (-0.04,0.55) | (-0.02,0.38)             | (-0.26,0.25)  | (-0.14,0.41)             | (-0.26,0.25)          | (-0.14,0.42)             |              |
| <\$30,000  | -0.1         |                          | <\$30,000    | -0.1                     |               | <\$30,000                | -0.1                  |                          | <\$30,000    |
| \$30,000-\$49,999                                | -0.04        |                          | -0.06        | 0.08                     |               |                          | 0.08                  |                          | -0.02        |
|  | (-0.4,0.32)  |                          | (-0.41,0.28) | (-0.21,0.37)             |               | 0 (-0.4,0.39)            | (-0.21,0.36)          |                          | (-0.42,0.37) |
| \$50,000-\$74,999                                | -0.07        |                          | -0.22        | -0.04                    |               | -0.21                    | -0.04                 |                          | -0.21        |
|  | (-0.32,0.19) |                          | (-0.6,0.17)  | (-0.3,0.21)              |               | (-0.62,0.2)              | (-0.3,0.21)           |                          | (-0.62,0.2)  |
| \$75,000-\$99,999                                | -0.22        |                          | -0.2         | -0.13                    |               | -0.13                    | -0.13                 |                          | -0.12        |

|                                  | (-0.49,0.06) | (-0.53,0.13) | (-0.38,0.12) | (-0.43,0.17) | (-0.38,0.12) | (-0.43,0.18) |
|----------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>Child Characteristics</b>     |              |              |              |              |              |              |
| Gestational age                  | 0            | -0.02        | 0.01         | -0.03        | 0.01         | -0.02        |
|                                  | (-0.03,0.04) | (-0.05,0.02) | (-0.03,0.04) | (-0.06,0)    | (-0.03,0.04) | (-0.06,0.01) |
| Preterm                          |              | -0.34        |              | -0.13        |              | -0.13        |
|                                  |              | (-0.76,0.08) |              | (-0.54,0.28) |              | (-0.54,0.29) |
| Birthweight                      | 0 (0,0)      | 0 (0,0)      | 0 (0,0)      | 0 (0,0)      | 0 (0,0)      | 0 (0,0)      |
| Children pre-pandemic life stage | 0.16         |              | 0.15         |              | 0.16         |              |
|                                  | (-0.01,0.34) |              | (-0.02,0.33) |              | (-0.02,0.33) |              |
| Child ethnicity                  |              | 0.04         |              | 0.08         |              | 0.08         |
|                                  |              | (-0.2,0.28)  |              | (-0.15,0.31) |              | (-0.14,0.31) |

Notes. OR= Odds Ratio and CI = Confidence Interval. OR and CI values indicated in bold presents those with significance values greater than .008.

References groups for categorical variables were White (maternal race), college degree (maternal education), Hispanic (maternal ethnicity), and female (child's sex).