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**eFigure 1.** Forest Plot of Adjusted Model for Risk of Offspring Developmental Disorder Excluding Preterm Deliveries

**eFigure 2.** Forest Plot of Adjusted Model for Risk of Offspring Developmental Disorder With Addition of Hospital Length of Stay During Delivery Admission

**eFigure 3.** Forest Plot of Adjusted Model for Risk of Offspring Developmental Disorder Excluding Mothers Infected in the First or Second Trimester (62 Mothers Excluded)

**eTable.** Unadjusted and Adjusted Models for Pregnancy SARS-COV-2 Infection Risk of Offspring Diagnosis (Restricted to CCS Diagnosis With Greater Than 3% in Both Cases and Control Group)

This supplemental material has been provided by the authors to give readers additional information about their work.
**eFigure 1.** Forest plot of adjusted model for risk of offspring developmental disorder excluding preterm deliveries*

| Variable                        | Odds ratio | p    |
|---------------------------------|------------|------|
| **Pregnancy COVID status**      |            |      |
| COVID negative                  | Reference  |      |
| COVID positive                  | 1.68 (0.81, 3.45) | 0.16 |
| **Maternal age (years)**        | 1.04 (1.00, 1.07) | 0.03 |
| **Maternal race**               |            |      |
| White                           | Reference  |      |
| Asian                           | 1.23 (0.76, 1.97) | 0.40 |
| Black or African American       | 0.45 (0.20, 0.98) | 0.04 |
| Other                           | 1.32 (0.72, 2.41) | 0.37 |
| Unknown                         | 1.02 (0.44, 2.39) | 0.96 |
| **Maternal ethnicity**          |            |      |
| Not Hispanic                    | Reference  |      |
| Hispanic                        | 1.11 (0.63, 1.96) | 0.72 |
| Unavailable                     | 1.41 (0.66, 3.00) | 0.38 |
| **Maternal public insurance**   |            |      |
| No                              | Reference  |      |
| Yes                             | 1.35 (0.87, 2.07) | 0.18 |
| **Offspring sex**               |            |      |
| Female                          | Reference  |      |
| Male                            | 1.37 (1.02, 1.85) | 0.04 |

*preterm deliveries defined as deliveries < 37 weeks’ gestation

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### Figure 2. Forest plot of adjusted model for risk of offspring developmental disorder with addition of hospital length of stay during delivery admission.

| Variable                        | N   | Odds ratio | p     |
|---------------------------------|-----|------------|-------|
| **Pregnancy COVID status**      |     |            |       |
| COVID negative                  | 7550| Reference  |       |
| COVID positive                  | 222 |            | 1.57  |
| **Maternal age (years)**        |     |            |       |
| 0-18                            | 7772| 1.03       | 0.005 |
| 19-29                           | 656 | 0.49       | 0.006 |
| 30-39                           | 733 | 1.19       | 0.431 |
| ≥40                             | 248 | 1.34       | 0.304 |
| **Maternal race**               |     |            |       |
| White                           | 5363| Reference  |       |
| Asian                           | 772 |            | 1.35  |
| Black or African American       | 656 | 0.49       | 0.078 |
| Other                           | 733 | 1.19       | 0.431 |
| Unknown                         | 248 | 1.34       | 0.304 |
| **Maternal ethnicity**          |     |            |       |
| Not Hispanic                    | 6378| Reference  |       |
| Hispanic                        | 1134| 1.27       | 0.251 |
| Unavailable                     | 260 | 1.16       | 0.610 |
| **Maternal public insurance**   |     |            |       |
| No                              | 6341| Reference  |       |
| Yes                             | 1431| 1.34       | 0.065 |
| **Delivery LOS**                |     |            |       |
| No                              | 7772| 1.06       | <0.001|
| Yes                             | 1431|            |       |
| **Offspring sex**               |     |            |       |
| Female                          | 3619| Reference  |       |
| Male                            | 3953| 1.69       | <0.001|
| **Pro-term birth**              |     |            |       |
| No                              | 7086| Reference  |       |
| Yes                             | 686 | 2.19       | <0.001|
**eFigure 3.** Forest plot of adjusted model for risk of offspring developmental disorder excluding mothers infected in the first or second trimester (62 mothers excluded).

| Variable                        | N   | Odds ratio      | p    |
|---------------------------------|-----|-----------------|------|
| **Pregnancy COVID status**      |     |                 |      |
| COVID negative                  | 7550|                 |      |
| COVID positive                  | 160 | 2.34 (1.23, 4.44) | 0.009|
| Maternal age (years)            | 7710| 1.03 (1.00, 1.06) | 0.058|
| Maternal race                   |     |                 |      |
| White                           | 5338|                 |      |
| Asian                           | 772 | 1.37 (0.92, 2.05) | 0.125|
| Black or African American       | 647 | 0.47 (0.24, 0.91) | 0.025|
| Other                           | 708 | 1.38 (0.80, 2.36) | 0.247|
| Unknown                         | 245 | 1.19 (0.58, 2.41) | 0.636|
| Maternal ethnicity              |     |                 |      |
| Not Hispanic                    | 6355|                 |      |
| Hispanic                        | 1097| 1.27 (0.77, 2.10) | 0.352|
| Unavailable                     | 258 | 1.53 (0.79, 2.97) | 0.208|
| Maternal public insurance       |     |                 |      |
| No                              | 6312|                 |      |
| Yes                             | 1398| 1.01 (0.68, 1.50) | 0.977|
| Offspring sex                   |     |                 |      |
| Female                          | 3792|                 |      |
| Male                            | 3918| 1.37 (1.06, 1.79) | 0.018|
| Pre-term birth                  |     |                 |      |
| No                              | 7037|                 |      |
| Yes                             | 673 | 3.40 (2.48, 4.64) | <0.001|

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**eTable.** Unadjusted and adjusted models for pregnancy SARS-COV-2 infection risk of offspring diagnosis (restricted to CCS diagnosis with greater than 3% in both cases and control group)

| Diagnostic category | Pregnancy SARS-COV-2 pos, N=222 | Pregnancy SARS-COV-2 neg, N=7,550 | Unadj. OR (95% CI) | Unadj. p-value | Adj. OR (95% CI) | Adj. p-value |
|---------------------|----------------------------------|-----------------------------------|---------------------|----------------|----------------|-------------|
| CCS 004 Mycoses     | 14                               | 283                               | 1.73 (0.99-3.01)    | 0.053          | 1.08 (0.60-1.91) | 0.805       |
| CCS 007 Viral infection | 32                             | 461                               | 2.59 (1.76-3.81)    | <0.001         | 1.81 (1.20-2.72) | 0.005       |
| CCS 047 Other and unspecified benign neoplasm | 6 | 229 | 0.89 (0.39-2.02) | 0.777 | 0.96 (0.41-2.22) | 0.915 |
| CCS 051 Other endocrine disorders | <5 | 181 | 0.56 (0.18-1.76) | 0.319 | 0.53 (0.16-1.70) | 0.285 |
| CCS 058 Other nutritional; endocrine; and metabolic disorders | 35 | 805 | 1.57 (1.09-2.27) | 0.017 | 1.45 (0.99-2.13) | 0.059 |
| CCS 091 Other eye disorders | 13 | 329 | 1.37 (0.77-2.42) | 0.285 | 1.22 (0.68-2.21) | 0.505 |
| CCS 092 Otitis media and related conditions | 21 | 473 | 1.56 (0.99-2.47) | 0.056 | 1.51 (0.94-2.44) | 0.091 |
| CCS 094 Other ear and sense organ disorders | 14 | 278 | 1.76 (1.01-3.06) | 0.045 | 1.41 (0.79-2.52) | 0.241 |
| CCS 095 Other nervous system disorders | 9 | 194 | 1.60 (0.81-3.17) | 0.176 | 1.34 (0.66-2.72) | 0.417 |
| CCS 096 Heart valve disorders | 10 | 463 | 0.72 (0.38-1.37) | 0.319 | 0.64 (0.33-1.23) | 0.179 |
| CCS 117 Other circulatory disease | 8 | 214 | 1.28 (0.62-2.63) | 0.499 | 1.53 (0.73-3.22) | 0.261 |
| CCS 125 Acute bronchitis | 6 | 135 | 1.53 (0.67-3.49) | 0.318 | 1.34 (0.57-3.18) | 0.503 |
| CCS 126 Other upper respiratory infections | 29 | 688 | 1.50 (1.01-2.23) | 0.046 | 1.29 (0.85-1.95) | 0.236 |
| CCS 133 Other lower respiratory disease | 20 | 355 | 2.01 (1.25-3.22) | 0.004 | 1.57 (0.95-2.59) | 0.077 |
| CCS 134 Other upper respiratory disease | 12 | 483 | 0.84 (0.46-1.51) | 0.551 | 0.79 (0.43-1.45) | 0.452 |
| CCS 136 Disorders of teeth and jaw | 5 | 189 | 0.90 (0.37-2.20) | 0.813 | 0.78 (0.31-1.97) | 0.604 |
| CCS 138 Esophageal disorders | 9 | 323 | 0.95 (0.48-1.86) | 0.871 | 0.93 (0.47-1.87) | 0.848 |
| CCS 143 Abdominal hernia | 9 | 141 | 2.22 (1.12-4.42) | 0.023 | 1.30 (0.63-2.69) | 0.472 |
| CCS 151 Other liver diseases | 7 | 193 | 1.24 (0.58-2.67) | 0.581 | 1.11 (0.50-2.46) | 0.801 |
| CCS 155 Other gastrointestinal disorders | 40 | 816 | 1.81 (1.28-2.57) | <0.001 | 1.28 (0.88-1.85) | 0.194 |
| CCS 161 Other diseases of kidney and ureters | 5 | 120 | 1.43 (0.58-3.53) | 0.441 | 1.31 (0.51-3.35) | 0.579 |
| CCS 166 Other male genital disorders | 9 | 364 | 0.83 (0.42-1.64) | 0.599 | 1.05 (0.51-2.13) | 0.899 |
| CCS 198 Other inflammatory condition of skin | 9 | 258 | 1.19 (0.61-2.35) | 0.608 | 1.00 (0.50-2.01) | 0.996 |
| CCS 200 Other skin disorders | 31 | 753 | 1.47 (0.99-2.16) | 0.053 | 1.16 (0.77-1.73) | 0.480 |
| CCS 211 Other connective tissue disease | 8 | 151 | 1.83 (0.89-3.78) | 0.101 | 1.36 (0.64-2.89) | 0.424 |
| CCS 244 Other injuries and conditions due to external causes | 11 | 302 | 1.25 (0.68-2.32) | 0.477 | 1.21 (0.64-2.30) | 0.553 |
| CCS 654 Developmental disorders | 14 | 227 | 2.17 (1.24-3.79) | 0.006 | 1.86 (1.03-3.36) | 0.040 |

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