Supplementary Online Content

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eTable. Associations of Maternal Milk Intake in NICU With Neurodevelopmental Outcomes at School Age: Modification by Sex

This supplementary material has been provided by the authors to give readers additional information about their work.
### eTable. Associations of Maternal Milk Intake in NICU With Neurodevelopmental Outcomes at School Age: Modification by Sex

| Infant sex | N  | Beta   | 95% CI       | Pinteraction | Beta   | 95% CI       | Pinteraction | Beta   | 95% CI       | Pinteraction |
|------------|----|--------|--------------|--------------|--------|--------------|--------------|--------|--------------|--------------|
| Female     | 270| 0.53   | -0.26, 1.32  | 0.74         | 0.18   | -0.70, 1.05  | 0.58         | 0.73   | -0.04, 1.50  | 0.89         |
| Male       | 310| 0.35   | -0.38, 1.08  | -0.16        | -0.98, 0.66 | 0.66        | -0.05, 1.38  |        |

**Intelligence (WASI)**

|              | Full Scale | Verbal       | Performance  |
|--------------|------------|--------------|--------------|
|              | Beta       | 95% CI       | Pinteraction | Beta       | 95% CI       | Pinteraction | Beta       | 95% CI       | Pinteraction |
| Reading      |            |              |              |            |              |              |            |              |              |
| Female       | 1.38       | 0.34, 2.42   | 0.59         | 1.05       | 0.09, 2.02   | 0.20         | 0.55       | -0.26, 1.36  | 0.42         |
| Male         | 0.99       | -0.02, 2.00  |              | 0.19       | -0.74, 1.13  |              | 1.00       | 0.17, 1.82   |              |

**Academic achievement (WRAT)**

|              | Reading                  | Spelling                 | Math                  |
|--------------|--------------------------|--------------------------|-----------------------|
|              | Beta                     | 95% CI                   | Pinteraction            | Beta                  | 95% CI                   | Pinteraction |
| Female       |                          |                          |                       |                       |                          |              |
| Male         |                          |                          |                       |                       |                          |              |

**Behavior and executive functioning**

|              | ADHD symptoms, Conners T score | Global executive composite, BRIEF | Total difficulties, SDQ |
|--------------|--------------------------------|----------------------------------|-------------------------|
|              | Beta                           | 95% CI                           | Pinteraction            | Beta                  | 95% CI                   | Pinteraction |
| Female       | -0.99                          | -2.30, 0.31                     | 0.82                    | -0.33                 | -1.29, 0.64              | 0.70         | -0.29       | -0.75, 0.16  | 0.66         |
| Male         | -1.18                          | -2.27, -0.09                   | 0.82                    | -0.56                 | -1.35, 0.23              | 0.70         | -0.16       | -0.57, 0.25  | 0.66         |

Beta estimates indicate points per 25 mL/kg/day additional maternal milk intake in the neonatal intensive care unit (NICU). P-values are for the interaction of sex category. WASI is Weschler Abbreviated Scale of Intelligence. WRAT is Wide Range Achievement Test. ADHD is attention deficit hyperactivity disorder. BRIEF is Behavior Rating Inventory of Executive Function. SDQ is Strengths and Difficulties Questionnaire. Higher scores on the WASI and WRAT indicate more favorable outcomes, whereas lower score on the Conners, BRIEF, and SDQ total difficulties indicate more favorable outcomes. All estimates are adjusted for treatment, center, maternal tertiary education, maternal occupation, number of adults and children in the home, maternal smoking and alcohol use in pregnancy, parity, race and antenatal steroid exposure. Generalized estimating equations were used to account for clustering due to multiple gestation. Sample size may be slightly different across subscales.

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