

Supplementary Appendix

This appendix has been provided by the authors to give readers additional information about their work.

Supplement to: Newman TB, Liljestrand P, Jeremy RJ, et al. Outcomes among newborns with total serum bilirubin levels of 25 mg per deciliter or more. *N Engl J Med* 2006;354:1889-900.

WEB-ONLY Table: Covariates for Adjusted WPPSI-R and VMI-4 Scores (Table 3)

Outcome	Covariates
WPPSI-R Verbal IQ	Father's race (including birth certificate data); family income (7 categories*); subject sex; father any college (yes/no)
WPPSI-R Performance IQ	CESD† total \geq 16 (yes/no); father's race (including birth certificate data); father any college (yes/no)
WPPSI-R Full Scale IQ	Father's race (including birth certificate data); father any college (yes/no); family income (7 categories)
VMI-4 Visual-Motor Integration	Father's race (including birth certificate data); father any college (yes/no)
VMI-4 Visual Perception	Father's race (including birth certificate data); father any college (yes/no)
VMI-4 Motor Coordination	Examining psychologist; family income (7 categories); father's race (including birth certificate data); father any college (yes/no); exclusively breastfed during birth hospitalization (yes/no)

*The 7 income categories were:

- Less than \$15,000
- \$15,000 to less than \$20,000
- \$20,000 to less than \$40,000
- \$40,000 to less than \$60,000
- \$60,000 to less than \$80,000
- \$80,000 to less than \$100,000
- \$100,000 or more

† CESD = Center for Epidemiologic Studies Depression Scale. This scale ranges includes 20 questions scored 0 to 3 points each, hence the range of possible responses is from 0 to 60. A score of 16 or more is usually considered positive for depression.

WEB-ONLY Table: Covariates for Neurological Examination, Motor Performance Checklist, Parent Evaluation of Developmental Status (PEDS) and Child Behavior Checklist (CBC-L) Outcomes (Table 4)

Outcome	Covariates
“Normal/questionable” or worse	Examining neurologist; father any college (yes/no)
“Abnormal with minimal disability” or worse	Father any college (yes/no)
Motor Performance Checklist, Score ≥ 5	CESD total ≥ 16 (yes/no); small (less than the tenth percentile) for gestational age (yes/no)*; father any college (yes/no)
PEDS Questionnaire, at least one “YES” answer	CESD total ≥ 16 (yes/no); father any college (yes/no); mother any college (yes/no)
Internalizing preclinical or clinical T-score (≥ 60)	CESD total ≥ 16 (yes/no); father's race (including birth certificate data)
Externalizing preclinical or clinical T-score (≥ 60)	CESD total ≥ 16 (yes/no)
Outpatient follow-up to at least age 2	Father's race (including birth certificate data); father any college (yes/no)
At least one neurological diagnosis	5 min Apgar < 7

* Defined based on the 10th percentile for the 1995-98 birth cohorts, shown in the table below:

Gestational Age (completed weeks)	10 th percentile of birth weight
34	1765
35	2015
36	2290
37	2500
38	2709
39	2903
40	3019
41	3163
42	3235
43	3295