Supplementary Online Content 2

O'Connor DL, Gibbins S, Kiss A, et al; GTA DoMINO Feeding Group. Effect of supplemental donor human milk compared with preterm formula on neurodevelopment of very low-birth-weight infants at 18 months: a randomized clinical trial. *JAMA*. doi:10.1001/jama.2016.16144

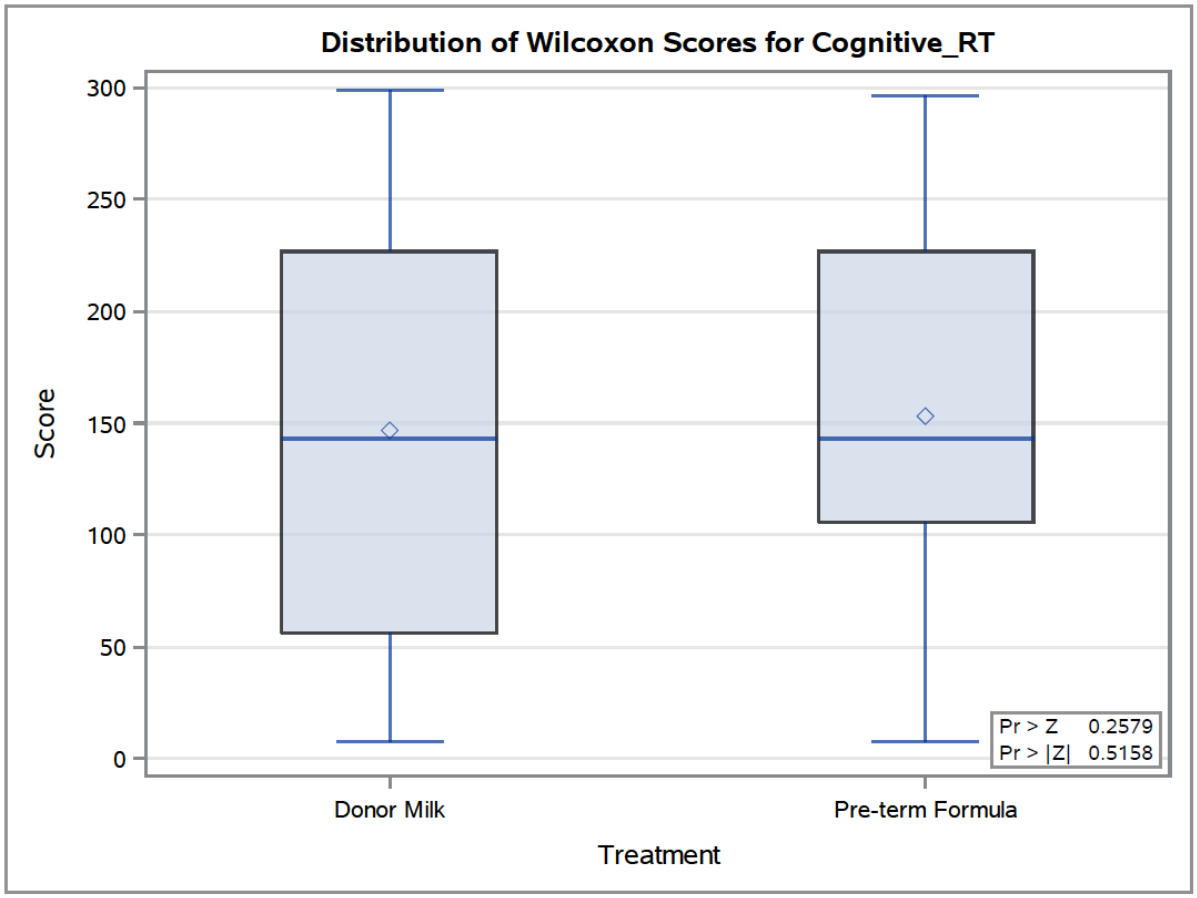
This supplementary material has been provided by the authors to give readers additional information about their work.

eTable. Neurodevelopment at 18 Months' Corrected Age Assessed by the Bayley Scales of Infant and Toddler Development 3rd Edition With Infants With Brain Injury, Cerebral Palsy, and Hearing Impairment Removed from the Analyses[a]

	Adjusted Mean[b] (95% CI)		Effect (95% CI)	P-Value	Effect (95% CI)	P-Value
Characteristic	**Donor Milk n=117**	**Preterm Formula n=122**	**Adjusted: Model#1[c]**		**Adjusted: Model#2[d,e]**	
Composite Scores[c]						
Cognitive-Primary Outcome	95.5 (92.4, 98.6)	96.3 (93.4, 99.3)	-0.82 (-4.7, 3.0)	0.67	-0.91 (-4.8, 3.0)	0.64
Language	90.2 (86.3, 94.1)	91.7 (88.0, 95.4)	-1.5 (-6.3, 3.3)	0.50	-1.37 (-6.1, 3.4)	0.57
Motor	96.9 (93.7, 100.0)	96.2 (93.2, 99.1)	0.69 (-3.1, 4.5)	0.88	0.50 (-3.2, 4.2)	0.79
			Adjusted Risk Difference (%)			
	Number/Total Number (%)		**(95% CI)**	**P-Value**		
Neuroimpairment Score <85						
Cognitive	24/117 (20.5)	16/122 (13.1)	6.9 (-2.4, 16.2)	0.14		
Language	49/116 (42.2)	42/119 (35.3)	6.6 (-5.7, 18.9)	0.29		
Motor	19/115 (16.5)	21/122 (17.2)	-2.7 (-12.0, 6.6)	0.56		

[a]Standarized mean (SD) is 100 (15). Continuous variables were analyzed by ANCOVA with adjustment as indicated. All models were tested for treatment interactions and none were found to be statistically significant. Analyses were re-run without interactions included in the models. Categorical variables were analyzed by logistic regression analysis with adjustment as indicated.
[b]Adjusted using Model#1 covariates.
[c]Model#1 was adjusted for recruitment center and birth weight group (<1000, 1000-1499 grams).
[d]Model#2 was adjusted for the following variables: recruitment center, birth weight group, maternal education (high school or less, college or vocational diploma, baccalaureate degree, post baccalaureate degree) and percent feeds as mother's milk and interactions.
[e]Logistic regression analyses were not performed to assess the proportion of participants with neuroimpairment <85 for Model#2 due to the insufficient sample size.

eFigure 1. Distribution of Cognitive Composite Scores at 18 Months' Corrected Age of All Study Participants by Treatment Assignment and Statistical Comparison Using the Wilcoxon Rank Sum Test



eFigure 2. Distribution of Cognitive Composite Scores at 18 Months' Corrected Age With Exclusive Mother's Milk-Fed Infants Removed and Statistical Comparison Between Treatments Using the Wilcoxon Rank Sum Test