Table S3. Robust Poisson regression analysis without and with multiple imputation for selected outcomes with missing data >1% or with an imbalance of missing data > 0.3% between groups.

Outcome	Without imputation	With imputation
	ARR (95% CI)	ARR (95% CI)
Bronchopulmonary dysplasia (physiologic definition) or death by 36 wk' postmenstrual age	0.94 (0.91-0.98)	0.95 (0.91-0.98)
Population of survivors		
Bronchopulmonary dysplasia, physiologic definition	0.96 (0.89-1.03)	0.97 (0.90-1.03)
Treatment with post-natal steroids for bronchopulmonary dysplasia	0.98 (0.82-1.18)	0.96 (0.79-1.13)
Retinopathy of prematurity ≥ stage 3 or treated with ablation/anti-VEGF drug[a]	0.76 (0.66-0.87)	0.77 (0.66-0.87)
Respiratory support at discharge, oxygen[a]	1.17 (1.03-1.33)	1.20 (1.05-1.35)
Prolonged hospital stay ≥ 120 d, all causes	0.94 (0.84-1.05)	0.95 (0.85-1.05)
Population of survivors eligible for follow-up		
Respiratory support at 18-22 mo corrected age, ventilation/CPAP[a]	0.91 (0.42-1.99)	1.03 (0.21-1.86)
Oxygen at 18-22 mo corrected age[a]	1.01 (0.65-1.58)	1.07 (0.60-1.54)

ARR and 95% CI are estimated with no antenatal corticosteroids (not exposed to antenatal corticosteroids) group used as referent category-models adjust for birthweight, sex, multiple births, small for gestational age, maternal variables (age, marital status, race, diabetes, rupture of membranes _24 h, antepartum hemorrhage, and mode of delivery), center, and epoch.
ARR, adjusted relative risk; CI, confidence interval; CPAP, continuous positive airway pressure; VEGF, vascular endothelial growth factor.
[a] Model does not adjust for center-model did not converge with center included.