

eTable 1: Logistic regression models of predicting poor one-year outcomes in pediatric NMDARE using complete case analyses in the original dataset.

Table 1A: With abnormal MRI

	Odds ratio (95% confidence interval)	p-value
Treatment before 4 weeks	1.43 (0.40, 5.16)	0.58
Abnormal MRI	1.98 (0.68, 5.78)	0.21
ICU admission	3.62 (1.18, 11.14)	0.025
Improvement within 4 weeks	2.30 (0.78, 6.64)	0.12

Table 1B: With T2 frontal lesions

	Odds ratio (95% confidence interval)	p-value
Treatment before 4 weeks	1.46 (0.40, 5.33)	0.64
T2 frontal lesions	1.89 (0.54, 6.54)	0.32
ICU admission	3.58 (1.14, 11.3)	0.029
Improvement within 4 weeks	2.12 (0.76, 5.92)	0.15

Table 1C: With T2 occipital lesions

	Odds ratio (95% confidence interval)	p-value
Treatment before 4 weeks	1.35 (0.38, 4.89)	0.64
T2 occipital lesions	7.24 (0.96, 54.7)	0.055
ICU admission	3.69 (1.21, 11.3)	0.022
Improvement within 4 weeks	2.34 (0.81, 6.70)	0.12

eTable 2: Logistic regression models of predicting poor one-year outcomes in pediatric NMDARE after multiple imputation.

eTable 2A: With abnormal MRI

	Odds ratio (95% confidence interval)	p-value
Treatment before 4 weeks	0.59 (0.19, 1.83)	0.36
Abnormal MRI	1.54 (0.61, 3.88)	0.36
ICU admission	3.72 (1.43, 9.65)	0.007
Improvement within 4 weeks	1.76 (0.72, 4.31)	0.22

eTable 2B: With T2 frontal lesions

	Odds ratio (95% confidence interval)	p-value
Treatment before 4 weeks	0.48 (0.16, 1.44)	0.19
Frontal lobe lesions	2.81 (1.10, 6.66)	0.030
ICU admission	4.48 (1.78, 11.3)	0.002
Improvement within 4 weeks	0.53 (0.23, 1.22)	0.14

eTable 2C: With T2 occipital lesions

	Odds ratio (95% confidence interval)	p-value
Treatment before 4 weeks	0.60 (0.17, 2.08)	0.42
Occipital lobe lesions	8.58 (1.15, 64.3)	0.036
ICU admission	3.80 (1.28, 11.30)	0.016
Improvement within 4 weeks	2.44 (0.90, 6.59)	0.079