

Supplemental Table 1. Summary of Cronbach alpha for pediatric PROMIS short forms

PROMIS Domains	Items per Domain	Cronbach Coefficient Alpha (α)			
		Visit 1	Visit 2	Visit 3	All visits (α_{pool})
Anger	6	0.88	0.94	0.94	0.92
Anxiety	8	0.91	0.92	0.93	0.91
Depressive Symptoms	8	0.92	0.97	0.97	0.96
Fatigue	10	0.96	0.97	0.97	0.97
Physical Function –Mobility	8	0.94	0.91	0.95	0.93
Pain Impact	8	0.94	0.95	0.95	0.94
Peer Relationships	8	0.94	0.96	0.95	0.95
Physical Function – Upper Extremity	8	0.95	0.92	0.96	0.94

Supplemental Table 2. Bivariate correlation (r_{Pool}) of change between pediatric PROMIS short forms and legacy measures

Pediatric PROMIS Short Forms Domains	Anger	Anxiety	Depressive Symptoms	Fatigue	Mobility	Upper Extremity	Pain Interference	Peer Relationships
SLEDAI**	0.20	0.12	0.05	0.06	-0.29	-0.22	0.09	0.15
BILAG†	0.13	0.16	0.03	0.04	-0.35*	-0.30*	0.23	0.12
MD global‡	0.15	0.13	0.22	0.03	-0.08	0.03	0.05	0.15
CHQ – Psychosocial Summary Score	-0.18	-0.16	-0.09	-0.11	0.23	0.15	-0.17	0.00
CHQ – Physical Summary Score	-0.02	-0.03	-0.01	-0.13	0.25	0.25	-0.22	0.00
CHAQ	0.22	0.12	0.17	0.23	-0.37*	-0.42*	0.32*	0.18
PedsQL – GC	-0.28	-0.22	-0.34*	-0.28	0.24	0.27	-0.29	0.09
PedsQL – RM	-0.29	-0.19	-0.29	-0.31*	0.20	0.22	-0.33*	-0.02
SMILEY	0.20	0.16	0.12	0.12	-0.11	0.02	0.13	-0.12
Functional Disability Inventory	0.19	0.20	0.19	0.23	-0.30*	-0.36*	0.32*	0.06

*Represent p-value < 0.001

**Systemic Lupus Erythematosus Disease Activity Index 2000

†British Isles Lupus Activity Group index (A = 12, B = 8, C = 1, D = 0, E = 0)

‡MD global; 10 point Likert scale, 0 = inactive disease