

**Supplemental Table 1. Mean Outcome Measure Results**

Assessment	Baseline, <i>M</i> (95% CI)		EOT, <i>M</i> (95% CI)	
	HEP ( <i>n</i> = 48)	Robot-Assisted Therapy ( <i>n</i> = 51)	HEP ( <i>n</i> = 44)	Robot-Assisted Therapy ( <i>n</i> = 45)
SIS Domain <sup>a</sup>				
Strength	53.4 (37.9–68.9)	54.9 (39.4–70.4)	66.9 (46.7–87.1)	63.0 (44.0–82.0)
Memory	78.8 (55.9–100)	79.9 (57.4–100)	84.8 (59.2–100)	83.0 (57.9–100)
Communication	81.0 (57.5–100)	83.4 (59.9–100)	88.2 (61.5–100)	89.7 (62.6–100)
ADLs/IADLs	69.9 (49.6–90.2)	65.5 (47.1–83.9)	79.8 (55.7–100)	75.9 (53.0–98.8)
Mobility	73.0 (51.8–94.2)	70.9 (50.9–90.9)	79.5 (55.5–100)	79.3 (55.3–100)
Hand Function	30.7 (21.8–39.6)	28.4 (20.4–36.4)	57.6 (40.2–75.0)	49.4 (34.5–64.3)
Meaningful Activities	55.3 (39.3–71.3)	54.0 (38.8–69.2)	70.4 (49.1–91.7)	67.4 (47.0–87.8)
Mood	80.7 (57.3–100)	76.7 (55.1–98.3)	84.2 (58.7–100)	83.8 (58.5–100)
Stroke Recovery	57.1 (40.5–73.7)	53.0 (38.1–67.9)	63.2 (44.1–82.3)	63.6 (44.4–82.8)
CES–D <sup>b</sup>	11.2 (8.0–14.4)	12.6 (9.1–16.1)	8.6 (6.0–11.2)	8.7 (6.1–11.3)

*Note.* ADLs = Activities of Daily Living; CES–D = Center for Epidemiologic Studies Depression Scale; CI = confidence interval; EOT = end of treatment; HEP = home exercise program; IADLs = Instrumental Activities of Daily Living; *M* = mean; SIS = Stroke Impact Scale.

<sup>a</sup>For SIS, *n* for HEP at baseline = 48, EOT = 44; *n* for robot-assisted therapy at baseline = 51, EOT = 45. <sup>b</sup>For CES–D, *n* for HEP at baseline = 43, EOT = 41; *n* for robot-assisted therapy at baseline = 45, EOT = 46.

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