

**Table S1. Key Findings from Multivariable FSS and TST Change Models**

PRO Model	Primary Model	Individual Parameter	Univariable Effect (95% CI)	Univariable p-value	Multivariable Effect (95% CI)	Multivariable p-value
FSS N=89	Disease Type (2 levels)	Narcolepsy	-3.29(-8.59,2.02)	0.22	-2.71(-8.63,3.20)	0.36
		FSS: Baseline	-0.45(-0.63,-0.27)	<b>&lt;0.001</b>	-0.43(-0.62,-0.24)	<b>&lt;0.001</b>
		STD: Baseline	0.18(-1.31,1.67)	0.81	0.53(-1.23,2.28)	0.55
	SO Use	SO Use	-4.57(-10.04,0.90)	0.10	-2.98(-8.61,2.65)	0.30
		FSS: Baseline	-0.45(-0.63,-0.27)	<b>&lt;0.001</b>	-0.42(-0.61,-0.23)	<b>&lt;0.001</b>
		STD: Baseline	0.18(-1.31,1.67)	0.81	0.52(-1.20,2.24)	0.55
	Follow-up Pharmacotherapy Number	Follow-up: Polytherapy	-2.38(-7.76,3.00)	0.38	0.47(-5.25,6.19)	0.87
		FSS: Baseline	-0.45(-0.63,-0.27)	<b>&lt;0.001</b>	-0.44(-0.63,-0.24)	<b>&lt;0.001</b>
		STD: Baseline	0.18(-1.31,1.67)	0.81	0.62(-1.18,2.42)	0.49
	Follow-up STD	STD: Difference	0.48(-1.04,2.01)	0.53	1.06(-0.55,2.67)	0.19
		FSS: Baseline	-0.45(-0.63,-0.27)	<b>&lt;0.001</b>	-0.45(-0.64,-0.27)	<b>&lt;0.001</b>
		STD: Baseline	0.18(-1.31,1.67)	0.81	0.59(-1.00,2.18)	0.46
TST N=91	Disease Type (2 levels)	Narcolepsy	0.05(-0.76,0.86)	0.91	0.16(-0.42,0.74)	0.59
		TST: Baseline	-0.69(-0.79,-0.59)	<b>&lt;0.001</b>	-0.70(-0.80,-0.59)	<b>&lt;0.001</b>
		STD: Baseline	-0.04(-0.27,0.19)	0.73	0.05(-0.12,0.23)	0.56
	SO Use	SO Use	-0.74(-1.57,0.10)	0.083	-0.32(-0.87,0.24)	0.26
		TST: Baseline	-0.69(-0.79,-0.59)	<b>&lt;0.001</b>	-0.69(-0.80,-0.58)	<b>&lt;0.001</b>
		STD: Baseline	-0.04(-0.27,0.19)	0.73	0.10(-0.07,0.27)	0.25
	Follow-up Pharmacotherapy Number	Follow-up: Polytherapy	-0.18(-1.01,0.64)	0.66	-0.17(-0.73,0.38)	0.54
		TST: Baseline	-0.69(-0.79,-0.59)	<b>&lt;0.001</b>	-0.69(-0.79,-0.58)	<b>&lt;0.001</b>
		STD: Baseline	-0.04(-0.27,0.19)	0.73	0.05(-0.13,0.23)	0.58
	Follow-up STD	STD: Difference	0.08(-0.15,0.32)	0.49	-0.04(-0.20,0.12)	0.63
		TST: Baseline	-0.69(-0.79,-0.59)	<b>&lt;0.001</b>	-0.69(-0.80,-0.58)	<b>&lt;0.001</b>
		STD: Baseline	-0.04(-0.27,0.19)	0.73	0.05(-0.11,0.21)	0.53

CI: Confidence Interval