

Supplementary S2: Samples per clinical score for each subject.

Dataset	Number of videos	Dystonia lower extremity samples	Dystonia upper extremity samples
Subject 1	29	Total: 720	Total: 726
		Score 0: 710	Score 0: 188
		Score 1: 9	Score 1: 117
		Score 2: 1	Score 2: 231
		Score 3: 0	Score 3: 164
		Score 4: 0	Score 4: 26
Subject 2	14	Total: 189	Total: 186
		Score 0: 71	Score 0: 40
		Score 1: 64	Score 1: 74
		Score 2: 48	Score 2: 63
		Score 3: 6	Score 3: 8
		Score 4: 0	Score 4: 0
Subject 3	1	Total: 24	Total: 24
		Score 0: 19	Score 0: 1
		Score 1: 5	Score 1: 11
		Score 2: 0	Score 2: 11
		Score 3: 0	Score 3: 1
		Score 4: 0	Score 4: 0
Subject 4	7	Total: 120	Total: 125
		Score 0: 86	Score 0: 85
		Score 1: 2	Score 1: 38
		Score 2: 32	Score 2: 2
		Score 3: 0	Score 3: 0
		Score 4: 0	Score 4: 0
Subject 5	12	Total: 388	Total: 441
		Score 0: 385	Score 0: 222
		Score 1: 3	Score 1: 209
		Score 2: 0	Score 2: 10
		Score 3: 0	Score 3: 0
		Score 4: 0	Score 4: 0
Subject 6	4	Total: 66	Total: 66
		Score 0: 66	Score 0: 0
		Score 1: 0	Score 1: 8
		Score 2: 0	Score 2: 50
		Score 3: 0	Score 3: 8
		Score 4: 0	Score 4: 0
Subject 7	17	Total: 334	Total: 336
		Score 0: 99	Score 0: 0
		Score 1: 157	Score 1: 0
		Score 2: 54	Score 2: 246
		Score 3: 24	Score 3: 90
		Score 4: 0	Score 4: 0
Subject 8	14	Total: 336	Total: 298
		Score 0: 272	Score 0: 75
		Score 1: 64	Score 1: 165
		Score 2: 0	Score 2: 56
		Score 3: 0	Score 3: 2
		Score 4: 0	Score 4: 0

Subject 9	14	Total: 588	Total: 583
		Score 0: 162	Score 0: 2
		Score 1: 247	Score 1: 163
		Score 2: 167	Score 2: 390
		Score 3: 12	Score 3: 28
		Score 4: 0	Score 4: 0
Subject 10	10	Total: 514	Total: 510
		Score 0: 514	Score 0: 54
		Score 1: 0	Score 1: 359
		Score 2: 0	Score 2: 86
		Score 3: 0	Score 3: 11
		Score 4: 0	Score 4: 0
Subject 11	6	Total: 478	Total: 444
		Score 0: 0	Score 0: 0
		Score 1: 68	Score 1: 50
		Score 2: 373	Score 2: 218
		Score 3: 37	Score 3: 176
		Score 4: 0	Score 4: 0
Subject 12	20	Total: 774	Total: 1242
		Score 0: 31	Score 0: 11
		Score 1: 528	Score 1: 570
		Score 2: 209	Score 2: 505
		Score 3: 6	Score 3: 154
		Score 4: 0	Score 4: 2
Generalized	148	Total: 4533	Total: 4976
		Score 0: 2417	Score 0: 672
		Score 1: 1174	Score 1: 1774
		Score 2: 860	Score 2: 1984
		Score 3: 82	Score 3: 519
		Score 4: 0	Score 4: 27