

ID	Age [yrs]	Sex [male/female]	MoCA Total Score	Disease duration [months]	H&Y Stage	UPDRS III Subscore	PIGD Subscore	MiniBest Test Total Score	Time of day (recording)
PD_1	69	f	29	16.6	1	18	1	28	afternoon
PD_2	52	m	29	4.1	2	17	1	26	afternoon
PD_3	69	m	24	13.0	2	37	2	23	afternoon
PD_4	74	f	27	8.6	2	26	1	24	morning
PD_5	71	f	26	32.4	2	30	2	19	afternoon
PD_6	77	f	29	15.6	2	24	2	22	afternoon
PD_7	63	m	23	0.6	2	32	2	26	morning
PD_8	73	m	25	8.6	2	20	0	26	afternoon
PD_9	74	m	26	23.6	1	18	1	24	afternoon
PD_10	63	f	29	23.8	2	19	1	25	morning
PD_11	62	m	30	11.8	2	29	1	22	afternoon
PD_12	68	f	28	1.7	2	24	3	23	morning
PD_13	74	m	27	3.9	2	n.a.	6	18	afternoon
PD_14	72	m	22	1.5	2	36	2	22	morning
PD_15	77	m	26	7.0	1	30	4	24	afternoon
PD_16	62	f	20	6.4	2	29	2	14	morning
PD_17	76	f	23	0.5	2	35	3	20	afternoon
PD_18	68	f	28	9.2	2	30	5	23	morning
PD_19	70	m	30	9.6	1	15	2	27	afternoon
PD_20	78	m	26	7.8	2	33	4	20	afternoon
PD_21	69	f	28	23.6	2	30	3	21	afternoon
PD_22	74	m	27	31.3	2	46	5	22	morning
PD_23	72	m	26	4.1	1	22	1	23	afternoon
PD_24	59	m	26	9.6	1	15	1	27	morning
PD_25	74	m	22	11.3	2	26	4	18	afternoon
PD_26	61	f	30	3.8	2	20	1	25	afternoon
PD_27	66	f	28	12.7	2	19	1	24	morning
PD_28	78	m	23	2.1	2	45	5	27	morning
PD_29	78	f	24	17.1	2	35	4	19	morning
PD_30	81	m	29	2.9	2	41	3	20	afternoon
PD_31	58	f	25	2.8	2	33	2	25	afternoon
PD_32	67	m	30	4.9	1	21	2	24	morning
PD_33	69	m	24	29.7	2	38	3	21	afternoon
PD_34	69	f	26	9.8	2	34	3	25	morning
PD_35	72	m	22	2.1	2	42	2	23	morning
PD_36	80	m	27	6.1	2	35	2	20	afternoon
PD_37	58	m	25	1.5	2	28	3	26	morning
PD_38	71	f	23	21.1	2	22	2	25	afternoon
PD_39	70	m	27	2.3	1	13	2	24	morning
PD_40	79	m	22	8.4	2	14	1	21	afternoon
HC_1	64	f	23	-	-	-	-	24	afternoon
HC_2	69	f	27	-	-	-	-	27	afternoon
HC_3	62	f	28	-	-	-	-	28	afternoon
HC_4	74	f	29	-	-	-	-	24	morning

HC_5	73	f	25	-	-	-	-	24	morning
HC_6	76	f	23	-	-	-	-	23	afternoon
HC_7	63	m	28	-	-	-	-	25	afternoon
HC_8	66	m	25	-	-	-	-	28	morning
HC_9	66	m	25	-	-	-	-	24	afternoon
HC_10	76	m	25	-	-	-	-	25	morning
HC_11	57	f	29	-	-	-	-	26	morning
HC_12	50	m	26	-	-	-	-	27	morning
HC_13	46	m	26	-	-	-	-	28	morning
HC_14	78	f	25	-	-	-	-	26	morning
HC_15	79	m	26	-	-	-	-	26	morning
HC_16	60	m	26	-	-	-	-	23	afternoon
HC_17	66	f	26	-	-	-	-	23	morning
HC_18	73	f	27	-	-	-	-	25	afternoon
HC_19	73	m	29	-	-	-	-	23	afternoon
HC_20	75	m	27	-	-	-	-	22	morning
HC_21	74	m	27	-	-	-	-	25	morning
HC_22	62	f	30	-	-	-	-	27	afternoon
HC_23	77	m	28	-	-	-	-	24	afternoon
HC_24	70	m	26	-	-	-	-	25	morning
HC_25	74	m	25	-	-	-	-	21	morning
HC_26	82	m	29	-	-	-	-	24	afternoon
HC_27	61	f	25	-	-	-	-	26	afternoon
HC_28	63	f	24	-	-	-	-	27	afternoon
HC_29	82	m	27	-	-	-	-	22	afternoon
HC_30	80	f	27	-	-	-	-	22	afternoon
HC_31	77	f	25	-	-	-	-	26	afternoon
HC_32	83	f	24	-	-	-	-	23	afternoon
HC_33	77	m	25	-	-	-	-	24	morning
HC_34	79	f	28	-	-	-	-	24	afternoon
HC_35	65	f	30	-	-	-	-	25	afternoon
HC_36	71	f	27	-	-	-	-	23	afternoon
HC_37	71	m	27	-	-	-	-	23	afternoon
HC_38	69	f	27	-	-	-	-	26	afternoon
HC_39	70	m	25	-	-	-	-	28	morning
HC_40	73	f	27	-	-	-	-	25	afternoon
HC_41	69	f	25	-	-	-	-	23	afternoon
HC_42	64	m	27	-	-	-	-	27	morning
HC_43	69	m	29	-	-	-	-	26	afternoon
HC_44	69	f	27	-	-	-	-	24	afternoon
HC_45	81	f	27	-	-	-	-	20	afternoon
HC_46	59	f	29	-	-	-	-	28	afternoon
HC_47	65	m	29	-	-	-	-	25	afternoon
HC_48	59	m	22	-	-	-	-	18	afternoon
HC_49	71	m	25	-	-	-	-	25	afternoon
HC_50	55	m	30	-	-	-	-	24	morning

HC_51	56	m	29	-	-	-	-	28	afternoon
HC_52	63	m	29	-	-	-	-	27	afternoon
HC_53	70	m	23	-	-	-	-	24	afternoon
HC_54	60	f	30	-	-	-	-	25	afternoon
HC_55	62	m	30	-	-	-	-	28	morning
HC_56	67	m	28	-	-	-	-	24	afternoon
HC_57	62	m	28	-	-	-	-	24	afternoon
HC_58	68	f	30	-	-	-	-	17	morning
HC_59	65	m	27	-	-	-	-	23	afternoon
HC_60	67	f	28	-	-	-	-	23	afternoon
HC_61	65	f	28	-	-	-	-	23	afternoon
HC_62	71	m	24	-	-	-	-	21	afternoon
HC_63	81	f	22	-	-	-	-	17	afternoon
HC_64	56	f	28	-	-	-	-	25	afternoon
HC_65	50	f	26	-	-	-	-	27	morning
HC_66	73	m	28	-	-	-	-	27	afternoon
HC_67	75	f	25	-	-	-	-	24	afternoon
HC_68	77	m	24	-	-	-	-	21	afternoon
HC_69	58	m	30	-	-	-	-	20	afternoon
HC_70	75	m	30	-	-	-	-	21	afternoon
HC_71	64	f	27	-	-	-	-	25	afternoon
HC_72	80	m	24	-	-	-	-	23	afternoon
HC_73	80	f	27	-	-	-	-	22	afternoon
HC_74	74	f	n.a.	-	-	-	-	21	morning
HC_75	71	f	n.a.	-	-	-	-	23	afternoon
HC_76	61	f	29	-	-	-	-	23	afternoon
HC_77	68	f	29	-	-	-	-	23	afternoon
HC_78	66	m	28	-	-	-	-	24	afternoon
HC_79	80	f	25	-	-	-	-	21	afternoon

Supplementary Table 1. Detailed demographics and clinical outcomes of the participants. Time of day was ‘morning’ when recordings took place before 12 pm and ‘afternoon’ when recordings took place after 12 pm on that day.