CSV.4 | Subject Group	DEMO test
Subject Public ID	1234567890
Record Date	20170321-141936
Condition	2-minute
File Name	20170321-141936_ML_Walk.h5
Trial Notes	
Analysis Log	Info::Found 11 valid gait cycles
Analysis Version	3

The Section to the left containts matadata about the trial, including subject information, date of the recording, testing protocol used, the file name from the associated .h5 file, any notes that were entered at the end of the trial, info from the analysis log, and the version number of the analysis engine that processed the data included in the file.

	Normative Mean	Normative StDev	Mean	StDev	Iteration # 1	2	3	4	5	6	7	8	9	10	11
	The columns below contain the normative Mean and Standard Deviation for each measure listed in the row to the left.		**The columns below contain the Mean and Standard Deviation for the current trial.**		**The Iteration Number is used for metrics that may have repeated values within a trial, such as gait cycles, turns, sit to stand events, etc. The Mean and Standard Deviation reported to the left are computed from these multiple values. Some metrics, such as the APA measures or the trial duration, do not have repeated values. In this case, the Mean and Standard Deviation reported to the left refer to this single value. Note that there are 11 iterations for gait metrics, which corresponds to the value of "Gait - Lower Limb - N (#) metric, and that there are 8 iterations for the turn metrics, which corresponds to the value of the "Turns - N (#)" metric.**										
Measure	Normative Mean	Normative StDev	Mean	StDev	1	2	3	4	5	6	7	8	9	10	11
Anticipatory Postural Adjustment - APA Duration (s)	0.51	0.26	0.47	0											
Anticipatory Postural Adjustment - First Step Duration (s)	0.52	0.05	0.66	0											
Anticipatory Postural Adjustment - First Step Range of Motion (degrees)	33.17	9.49	37.25	0											
Anticipatory Postural Adjustment - Forward APA Peak (m/s^2)	0.52	0.28	0.3	0											
Anticipatory Postural Adjustment - Lateral APA Peak (m/s^2)	0.44	0.2	0.85	0											
Duration (s)			113.06	0											
Gait - Lower Limb - Cadence L (steps/min)	116.71	9.14	104.19	3.2	99.1	102.95	106.08	103.64	104.07	104.21	103.37	102.67	104.49	102.81	100.52
Gait - Lower Limb - Cadence R (steps/min)	116.71	9.14	104.06	3.51	101.99	101.86	105.5	103.92	103.92	103.78	102.95	103.78	103.37	101.72	97.83
Gait - Lower Limb - Double Support L (%GCT)	18.31	3.56	20.84	1.71	22.84	21.18	20.03	19.97	20.46	20.49	21.4	22.33	20.82	22.09	22.25
Gait - Lower Limb - Double Support R (%GCT)	18.31	3.56	20.86	1.74	23.11	20.16	19.92	20.03	20.7	21.22	21.45	21.62	21.53	21.85	22.55
Gait - Lower Limb - Elevation at Midswing L (cm)	1.27	0.6	2.5	0.61	2.51	2.29	2.67	3.16	3.02	2.28	2.88	2.61	2.64	2.58	2.09
Gait - Lower Limb - Elevation at Midswing R (cm)	1.27	0.6	2.19	0.49	2.28	2.14	2.39	2.41	2.49	2.46	1.73	1.99	2.65	2.45	2
Gait - Lower Limb - Gait Cycle Duration L (s)	1.04	0.09	1.15	0.04	1.21	1.17	1.13	1.16	1.15	1.15	1.16	1.17	1.15	1.17	1.19
Gait - Lower Limb - Gait Cycle Duration R (s)	1.04	0.09	1.16	0.04	1.18	1.18	1.14	1.15	1.15	1.16	1.17	1.16	1.16	1.18	1.23
Gait - Lower Limb - Gait Speed L (m/s)	1.36	0.18	1.32	0.09	1.15	1.26	1.38	1.36	1.34	1.32	1.31	1.32	1.33	1.28	1.18
Gait - Lower Limb - Gait Speed R (m/s)	1.36	0.18	1.32	0.1	1.22	1.23	1.38	1.38	1.36	1.34	1.33	1.33	1.34	1.26	1.11
Gait - Lower Limb - Lateral Step Variability L (cm)	3.38	0.7	5.25	0	**These gait metrics only have a single value, since they represent a statsistic (variability)**										
Gait - Lower Limb - Lateral Step Variability R (cm)	3.38	0.7	5.56	0											
Gait - Lower Limb - Circumduction L (cm)	3.73	1.18	6.7	5.64	5.43	4.59	5.36	5.21	5.51	3.51	3.25	5.1	4.19	4.14	7.01
Gait - Lower Limb - Circumduction R (cm)	3.73	1.18	6.35	5.37	3.19	9.93	2.82	5.69	1.87	2.41	4.16	3.21	4.32	4.58	4.11
Gait - Lower Limb - N (#)			11	0	**The empty fields below (here highlighted in yellow) correspond to metric values that were outside a pre-specified range for this metric. This may indicate significantly abnormal gait, an issue with sensor placement, or an analysis issue.**										
Gait - Lower Limb - Foot Strike Angle L (degrees)	26	5.12	33.56	1.51	33.39	33.82						33.46			34.79
Gait - Lower Limb - Foot Strike Angle R (degrees)	26	5.12	32.67	1.8			33.75								29.02
Gait - Lower Limb - Toe Off Angle L (degrees)	39.47	4.12	39.58	2.17	37.59	39.1	41.91	39.73	39.58	38.92	39.87	40.4	40.27	40.33	37.46
Gait - Lower Limb - Toe Off Angle R (degrees)	39.47	4.12	40.16	1.95	38.42	36.88	42.41	39.33	39.4	38.83	39.14	40.56	41.03	38.27	38.3
Gait - Lower Limb - Single Limb Support L (%GCT)	40.95	1.8	39.17	0.97	39.1	38.07	39.78	39.41	39.3	39.21	38.49	38.5	39.05	38.55	38.74
Gait - Lower Limb - Single Limb Support R (%GCT)	40.95	1.8	39.94	0.98	39.18	40.32	39.97	40.73	40.19	40.14	39.95	39.59	39.7	38.94	37.96
Gait - Lower Limb - Stance L (%GCT)	59.16	1.86	60	0.93	61.94	59.25	59.81	59.38	59.76	59.7	59.89	60.83	59.86	60.64	60.99
Gait - Lower Limb - Stance R (%GCT)	59.16	1.86	60.81	0.96	62.28	60.48	59.89	60.76	60.89	61.35	61.39	61.22	61.24	60.79	60.51
Gait - Lower Limb - Step Duration L (s)	0.52	0.04	0.58	0.02	0.6	0.59	0.56	0.58	0.58	0.58	0.58	0.59	0.58	0.59	0.6
Gait - Lower Limb - Step Duration R (s)	0.52	0.04	0.57	0.03	0.58	0.59	0.57	0.57	0.57	0.58	0.58	0.57	0.58	0.59	0.63
Gait - Lower Limb - Stride Length L (m)	1.39	0.17	1.51	0.07	1.39	1.47	1.56	1.57	1.54	1.51	1.51	1.55	1.54	1.49	1.39
Gait - Lower Limb - Stride Length R (m)	1.39	0.17	1.52	0.08	1.44	1.43	1.58	1.6	1.56	1.54	1.55	1.54	1.56	1.47	1.35
Gait - Lower Limb - Swing L (%GCT)	40.94	1.8	40	0.93	38.06	40.75	40.19	40.62	40.24	40.3	40.11	39.17	40.14	39.36	39.01
Gait - Lower Limb - Swing R (%GCT)	40.94	1.8	39.19	0.96	37.72	39.52	40.11	39.24	39.11	38.65	38.61	38.78	38.76	39.21	39.49
Gait - Lower Limb - Terminal Double Support L (%GCT)	9.18	1.86	10.35	0.93	11.48	9.79	9.67	9.85	10.3	10.04	10.23	11.1	10.34	10.84	11.26
Gait - Lower Limb - Terminal Double Support R (%GCT)	9.18	1.86	10.52	0.99	11.29	10.48	10.3	10.15	10.42	11.22	11.26	10.41	11.31	11.13	11.59
Gait - Lower Limb - Toe Out Angle L (degrees)	8.18	6.36	0.66	3.29	0.91	-0.01	0.31	-0.69	3.04	-0.04	3.08	3.54	-2.58	3.68	2.35
Gait - Lower Limb - Toe Out Angle R (degrees)	8.18	6.36	7.68	3.96	17.6	11.19	9.42	8.03	8.27	7.29	8.63	9.41	11.85	8.78	10.49
Gait - Lumbar - Coronal Range of Motion (degrees)	9.53	2.53	4.89	1.02	3.44	4.78	4.71	4.87	4.43	5.7	5.05	4.56	5.3	4.3	3.46
Gait - Lumbar - Sagittal Range of Motion (degrees)	5.69	2.32	3.48	0.52	4.48	3.21	3.28	3.37	2.84	3.64	3.03	2.72	2.74	2.8	3.61
Gait - Lumbar - Transverse Range of Motion (degrees)	11.39	5.02	7.98	3.58	15.57	9.14	4.72	3.39	7.52	3.99	4.29	5.05	5.49	7.03	7.16
Gait - Trunk - Coronal Range of Motion (degrees)	5.55	2.27	4.87	1.7	4.78	3.67	4.28	3.89	4.38	2.97	3.56	3.32	4.3	3.82	4.16
Gait - Trunk - Sagittal Range of Motion (degrees)	4.96	1.13	6.03	1.1	4.55	5.28	5.69	6.86	6.25	6.1	6.62	5.91	7.19	5.16	5.28
Gait - Trunk - Transverse Range of Motion (degrees)	8.78	2.46	11.62	4.17	33.11	15.78	10.09	8.36	9.25	10.58	10.76	11.31	10.96	11.87	12.93
Gait - Upper Limb - Arm Swing Velocity L (degrees/s)	227.41	77.59	224.62	38.96	218.02	188.55	227.41	242.35	240.25	251.14	263.8	244.06	193.43	187.3	184.47
Gait - Upper Limb - Arm Swing Velocity R (degrees/s)	227.41	77.59	239.51	61.93	223.73	188.51	271.81	272.74	287.67	358.9	298.99	271.25	243.48	244.08	221.64
Gait - Upper Limb - Arm Range of Motion L (degrees)	58.43	19.91	46.6	9.71	48.12	45.25	51.47	56.51	59.73	58.96	52.29	42.99	34.9	34.62	35.2
Gait - Upper Limb - Arm Range of Motion R (degrees)	58.43	19.91	52.56	11.84	51.98	46.79	71.19	63.69	66.72	61.45	59.58	57.91	52.43	50.5	43.45
Turns - Angle (degrees)	179.44	5.82	85.02	47.23	46.78	66.25	54.01	106.72	79.01	85.87	190.67	50.82			
Turns - Duration (s)	2.33	0.37	1.55	0.58	0.88	2.22	0.93	1.89	1.79	1.97	1.95	0.8			
Turns - N (#)			8	0											
Turns - Turn Velocity (degrees/s)	187.4	41.62	105.06	40.71	108.57	63.87	88.45	102.37	88.29	84.99	199.54	104.39			
Turns - Steps in Turn (#)	4.33	0.67	2.63	0.92	2	4	2	3	3	3	3	1			
Below, the timings of detected events are reported. Note that this timing is relative to the beginning of the recording, including any countdown period.															
Event															
Gait - Lower Limb - Gait Cycle L (s)					9.52	10.73	17.01	18.14	19.3	20.45	21.61	22.77	23.94	25.08	26.25
Gait - Lower Limb - Gait Cycle R (s)					10.13	11.3	17.58	18.72	19.87	21.03	22.18	23.35	24.5	25.67	26.85
Gait - Lower Limb - Toe Off L (s)					10.27	11.42	17.69	18.83	19.99	21.14	22.3	23.48	24.62	25.79	26.98
Gait - Lower Limb - Toe Off R (s)					10.86	12.02	18.26	19.42	20.58	21.74	22.9	24.06	25.22	26.38	27.59
Gait - Lower Limb - Midswing L (s)					10.57	11.73	17.97	19.14	20.3	21.45	22.6	23.77	24.92	26.09	27.29
Gait - Lower Limb - Midswing R (s)					11.15	12.33	18.55	19.69	20.85	22.02	23.18	24.32	25.49	26.67	27.9
Gait - Lower Limb - Initial Contact Next L (s)					10.73	11.89	18.14	19.3	20.45	21.61	22.77	23.94	25.08	26.25	27.45
Gait - Lower Limb - Initial Contact Next R (s)					11.3	12.48	18.72	19.87	21.03	22.18	23.35	24.5	25.67	26.85	28.07
Turns - Turn (s)					6.71	13.29	31.66	37.02	44.31	49.41	66.45	107.25			