

P-values after Benjamini Hochberg (BH) correction						
PARAMETER		(-4) Days	7 Days	14 Days	21 Days	28 Days
		P-value	P-value	P-value	P-value	P-value
OtherStatistics_Duration_s		0.1932	0.0025	0.2831	0.08475	0.1642
OtherStatistics_Cadence		0.2041	0.071	0.4329	0.071	0.2041
OtherStatistics_Average_Speed_cm_per_s		0.174	0.005	0.174	0.174	0.2193
OtherStatistics_NumberOfSteps		0.6993	0.0015	0.2207	0.2454	0.2207
OtherStatistics_Maximum_Variation_percents		0.362	0.254	0.5958	0.2655	0.2655
RF_Stand_Mean_s		0.2104	0.0515	0.461	0.0515	0.2128
LF_Stand_Mean_s		0.1634	0.0515	0.28	0.1537	0.1647
RH_Stand_Mean_s		0.2128	0.1163	0.622	0.1634	0.159
LH_Stand_Mean_s		0.2066	0.064	0.622	0.0515	0.1647
RF_Swing_Mean_s		0.4047	0.4975	0.9705	0.8835	0.5698
LF_Swing_Mean_s		0.5698	0.4047	0.9705	0.4047	0.5708
RH_Swing_Mean_s		0.5698	0.7981	0.5698	0.5698	0.9705
LH_Swing_Mean_s		0.8549	0.9705	0.5698	0.5698	0.5698
RF_StepCycle_Mean_s		0.168	0.1207	0.5776	0.168	0.2019
LF_StepCycle_Mean_s		0.168	0.1207	0.5142	0.168	0.168
RH_StepCycle_Mean_s		0.168	0.164	0.5142	0.168	0.168
LH_StepCycle_Mean_s		0.2071	0.128	0.7618	0.098	0.2229
RF_DutyCycle_Mean_percents		0.8759	0.1827	0.3597	0.1827	0.3597
LF_DutyCycle_Mean_percents		0.2782	0.1827	0.3597	0.2125	0.3597
RH_DutyCycle_Mean_percents		0.7473	0.368	0.9153	0.3836	0.2125
LH_DutyCycle_Mean_percents		0.3739	0.2125	0.3597	0.2125	0.2125
RF_SingleStance_Mean_s		0.5925	0.3408	0.9144	0.3408	0.7454
LF_SingleStance_Mean_s		0.3408	0.3408	0.872	0.9144	0.5543
RH_SingleStance_Mean_s		0.872	0.872	0.7454	0.7454	0.7454
LH_SingleStance_Mean_s		0.5543	0.9063	0.7454	0.3408	0.7454
RF_InitialDualStance_Mean_s		0.3085	0.028	0.291	0.016	0.09933
LF_InitialDualStance_Mean_s		0.3085	0.2535	0.5496	0.291	0.291
RH_InitialDualStance_Mean_s		0.4606	0.09933	0.2496	0.2496	0.09933
LH_InitialDualStance_Mean_s		0.3085	0.09933	0.6965	0.118	0.2535
RF_TerminalDualStance_Mean_s		0.3057	0.2287	0.6379	0.1303	0.2625
LF_TerminalDualStance_Mean_s		0.3057	0.034	0.3057	0.008	0.1303
RH_TerminalDualStance_Mean_s		0.3106	0.1325	0.7471	0.178	0.2262
LH_TerminalDualStance_Mean_s		0.3222	0.1303	0.3106	0.106	0.106
RF_MaxIntensityAt_Mean_percents		0.7317	0.4776	0.193	0	0.7317
LF_MaxIntensityAt_Mean_percents		0.4776	0.435	0.193	0.43	0.3792
RH_MaxIntensityAt_Mean_percents		0.46	0.859	0.7317	0.7317	0.001
LH_MaxIntensityAt_Mean_percents		0.4776	0.6391	0.193	0.3792	0.05667
RF_MaxContactAt_Mean_percents		0.2048	0	0.2202	0.2211	0.2674
LF_MaxContactAt_Mean_percents		0.2674	0.2202	0.3967	0.033	0.2202
RH_MaxContactAt_Mean_percents		0.9519	0.2202	0.7324	0.236	0.9519
LH_MaxContactAt_Mean_percents		0.9519	0.2048	0.03333	0.2202	0.9519
RF_PrintLength_Mean_cm		0.8326	0.006	0.8326	0.9908	0.8326
LF_PrintLength_Mean_cm		0.7118	0.016	0.7118	0.6937	0.7118
RH_PrintLength_Mean_cm		0.8326	0.6937	0.16	0.7118	0.6937
LH_PrintLength_Mean_cm		0.8326	0.8326	0.7118	0.8326	0.6937
RF_PrintWidth_Mean_cm		0.268	0	0	0.268	0.0364
LF_PrintWidth_Mean_cm		0.7286	0.0006667	0.009	0.7804	0.04127
RH_PrintWidth_Mean_cm		0.7286	0.0364	0.0052	0.01829	0.2434
LH_PrintWidth_Mean_cm		0.6811	0.0205	0.003	0.7804	0.1932
RF_PrintArea_Mean_sq_cm		0.8964	0	0.001667	0.06673	0.8964
LF_PrintArea_Mean_sq_cm		0.6024	5.00E-04	0.022	0.0244	0.8964
RH_PrintArea_Mean_sq_cm		0.6326	0	0.001667	5.00E-04	0.8964
LH_PrintArea_Mean_sq_cm		0.6024	0.007429	0.01725	0.2425	0.5245
RF_MaxContactArea_Mean_sq_cm		0.7273	0	0.002571	0.002571	0.7947
LF_MaxContactArea_Mean_sq_cm		0.4271	0.0025	0.1317	0.0162	0.762
RH_MaxContactArea_Mean_sq_cm		0.6587	0.002	0.00275	0	0.801
LH_MaxContactArea_Mean_sq_cm		0.6587	0.002571	0.01244	0.06091	0.6775
RF_ManualPrintLength_Mean_cm		0.9765	0.168	0.4336	0.9779	0.4034
LF_ManualPrintLength_Mean_cm		0.9779	0.4034	0.4034	0.4034	0.4336
RH_ManualPrintLength_Mean_cm		0.4356	0.9779	0.9779	0.9779	0.168
LH_ManualPrintLength_Mean_cm		0.4034	0.9779	0.9779	0.9765	0.6962
RF_ToeSpread_Mean_cm		0.4713	0	0.1203	0.9899	0.1203
LF_ToeSpread_Mean_cm		0.5618	0	0.0535	0.9341	0.0535

RH_ToeSpread_Mean_cm		0.368	0.9899	0.9928	0.9899	0.9716
LH_ToeSpread_Mean_cm		0.536	0.9899	0.5618	0.2931	0.9341
RF_IntermediateToeSpread_Mean_cm		0.9468	0.101	0.9468	0.9468	0.9468
LF_IntermediateToeSpread_Mean_cm		0.9468	0.068	0.154	0.9468	0.1732
RH_IntermediateToeSpread_Mean_cm		0.9468	0.9468	0.9468	0.4137	0.9468
LH_IntermediateToeSpread_Mean_cm		0.9468	0.1732	0.9468	0.9468	0.9468
RF_MaxContactMaxIntensity_Mean		0.8236	0.0496	0.0496	0	0.9456
LF_MaxContactMaxIntensity_Mean		0.8236	0.4743	0.8236	0.09267	0.6053
RH_MaxContactMaxIntensity_Mean		0.9132	0.8236	0.4804	0.0496	0.8649
LH_MaxContactMaxIntensity_Mean		0.5738	0.8236	0.4804	0.0496	0.8236
RF_MaxContactMeanIntensity_Mean		0.6119	0.0228	0.009	0	0.8772
LF_MaxContactMeanIntensity_Mean		0.8772	0.08533	0.2056	0.0006667	0.492
RH_MaxContactMeanIntensity_Mean		0.7567	0.7427	0.089	0	0.7427
LH_MaxContactMeanIntensity_Mean		0.6947	0.492	0.492	0.089	0.2572
RF_MaxIntensity_Mean		0.779	0.01467	0.04971	0	0.8953
LF_MaxIntensity_Mean		0.6028	0.2432	0.8046	0.04367	0.9756
RH_MaxIntensity_Mean		0.8953	0.779	0.2476	0.0185	0.1344
LH_MaxIntensity_Mean		0.4555	0.6864	0.07025	0.009	0.04367
RF_MeanIntensity_Mean		0.6079	0.0088	0.003	0.001333	0.8897
LF_MeanIntensity_Mean		0.7087	0.05686	0.1502	0.001333	0.4542
RH_MeanIntensity_Mean		0.9353	0.6079	0.1502	0.001333	0.5169
LH_MeanIntensity_Mean		0.5183	0.4542	0.2124	0.03233	0.4542
RF_MinIntensity_Mean		0.6975	0.7386	0.7386	0.6975	0.572
LF_MinIntensity_Mean		0.572	0.572	0.6975	0.7835	0.7386
RH_MinIntensity_Mean		0.7386	0.8386	0.7932	0.7835	0.9889
LH_MinIntensity_Mean		0.6975	0.8091	0.8724	0.7271	0.6975
RF_MeanIntensityOfThe15MostIntensePixels_Mean		0.835	0.001	0.006667	0	0.7995
LF_MeanIntensityOfThe15MostIntensePixels_Mean		0.7339	0.04029	0.3102	0.002667	0.6789
RH_MeanIntensityOfThe15MostIntensePixels_Mean		0.7995	0.3242	0.09689	0.006	0.5606
LH_MeanIntensityOfThe15MostIntensePixels_Mean		0.594	0.3102	0.09689	0.006	0.7995
RF_StandIndex_Mean		0.909	0.9761	0.493	0.302	0.445
LF_StandIndex_Mean		0.302	0.5273	0.474	0.4017	0.5273
RH_StandIndex_Mean		0.7819	0.9761	0.7819	0.302	0.4017
LH_StandIndex_Mean		0.6149	0.909	0.909	0.302	0.302
RF_SwingSpeed_Mean_cm_per_s		0.1893	0.009	0.2666	0.6572	0.334
LF_SwingSpeed_Mean_cm_per_s		0.3762	0.009	0.2889	0.334	0.334
RH_SwingSpeed_Mean_cm_per_s		0.1893	0	0.1204	0.1893	0.4017
LH_SwingSpeed_Mean_cm_per_s		0.334	0.004	0.1893	0.334	0.5373
RF_BodySpeed_Mean_cm_per_s		0.2042	0.011	0.2042	0.2042	0.2863
LF_BodySpeed_Mean_cm_per_s		0.2042	0.011	0.2042	0.2042	0.2779
RH_BodySpeed_Mean_cm_per_s		0.2042	0.011	0.2042	0.2042	0.2779
LH_BodySpeed_Mean_cm_per_s		0.2042	0.011	0.2042	0.2042	0.2546
RF_BodySpeedVariation_Mean_percents		0.3731	0.1871	0.6531	0.2075	0.137
LF_BodySpeedVariation_Mean_percents		0.3731	0.134	0.6286	0.1871	0.1871
RH_BodySpeedVariation_Mean_percents		0.4922	0.137	0.9189	0.1871	0.2075
LH_BodySpeedVariation_Mean_percents		0.3731	0.134	0.8956	0.2075	0.1871
RF_PawAngleBodyAxis_Mean_degrees		0.8032	0.9795	0.8032	0.7971	0.8606
LF_PawAngleBodyAxis_Mean_degrees		0.0488	0.073	0.206	0.4058	0.9499
RH_PawAngleBodyAxis_Mean_degrees		0.6731	0.016	0.001333	0	0
LH_PawAngleBodyAxis_Mean_degrees		0.5258	0.9795	0.5258	0.7971	0.8032
RF_PawAngleMovementVector_Mean_degrees		0.788	0.5503	0.9777	0.2332	0.571
LF_PawAngleMovementVector_Mean_degrees		0.0145	0.6838	0.788	0.5503	0.888
RH_PawAngleMovementVector_Mean_degrees		0.888	0.8251	0	0.003333	0.003333
LH_PawAngleMovementVector_Mean_degrees		0.888	0.888	0.888	0.6578	0.681
BOS_FrontPaws_Mean_cm		0.805	0.7874	0.7874	0.805	0.805
BOS_HindPaws_Mean_cm		0.8996	0.805	0.612	0.7257	0.101
PrintPositions_RightPaws_Mean_cm		0.4696	0.1803	0.4696	0.0995	0.068
PrintPositions_LeftPaws_Mean_cm		0.726	0.278	0.726	0.726	0.2435
FP_StrideLength_Mean_cm		0.4031	0.001	0.1103	0.6073	0.3977
HP_StrideLength_Mean_cm		0.3977	0	0.162	0.5642	0.3977
StepSequence_NumberOfPatterns		0.4893	0.003	0.042	0.2818	0.3382
StepSequence_CA_percents		0.5379	0.5379	0.5643	0.5541	0.7675
StepSequence_CB_percents		0.2983	0.5842	0.4994	0.7675	0.9087
StepSequence_AA_percents		0.6747	0.6367	0.5379	0.135	0.6367
StepSequence_AB_percents		0.5643	0.6747	0.5643	0.0675	0.6597
StepSequence_RA_percents		1	0.6035	1	1	1
StepSequence_RB_percents		NA	NA	NA	NA	NA

StepSequence_RegularityIndex_percent	0.5369	0.4698	0.4698	0.5369	0.4698
PhaseDispersions_RF_LH_Mean	0.9467	0.1475	0.1886	0.043	0.5199
PhaseDispersions_LF_RH_Mean	0.9467	0.4646	0.9467	0.9467	0.4016
PhaseDispersions_LH_RH_Mean	0.7171	0.9467	0.9467	0.7171	0.9467
PhaseDispersions_LF_RF_Mean	0.3496	0.5342	0.9378	0.1245	0.1475
PhaseDispersions_RF_RH_Mean	0.7171	0.223	0.2356	0.039	0.3496
PhaseDispersions_LF_LH_Mean	0.4476	0.803	0.2356	0.043	0.1757
PhaseDispersions_RF_LH_CStat_Mean	0.9631	0.1072	0.3549	0.0435	0.8748
PhaseDispersions_LF_RH_CStat_Mean	0.4133	0.8748	0.7286	0.1072	0.4042
PhaseDispersions_LH_RH_CStat_Mean	0.7567	0.723	0.4687	0.5915	0.8748
PhaseDispersions_LF_RF_CStat_Mean	0.321	0.4687	0.4687	0.1725	0.4042
PhaseDispersions_RF_RH_CStat_Mean	0.5962	0.1963	0.321	0.012	0.3549
PhaseDispersions_LF_LH_CStat_Mean	0.3551	0.4133	0.2858	0.1725	0.3382
PhaseDispersions_RF_LH_CStat_R	0.9778	0.2356	0.2274	0.9778	0.1504
PhaseDispersions_LF_RH_CStat_R	0.9778	0.2713	0.9656	0.9778	0.9656
PhaseDispersions_LH_RH_CStat_R	0.9656	0.1495	0.9305	0.1495	0.155
PhaseDispersions_LF_RF_CStat_R	0.7751	0.2356	0.9778	0.4166	0.2356
PhaseDispersions_RF_RH_CStat_R	0.9305	0.1495	0.9656	0.1495	0.1495
PhaseDispersions_LF_LH_CStat_R	0.9305	0.1495	0.9808	0.9656	0.1504
Couplings_RF_LH_Mean	0.6085	0.7228	0.698	0.218	0.9225
Couplings_LF_RH_Mean	0.6085	0.9288	0.9567	0.218	0.9567
Couplings_LH_RF_Mean	0.5953	0.6694	0.6694	0.6085	0.9854
Couplings_RH_LF_Mean	0.5815	0.8202	0.9288	0.698	0.9924
Couplings_LH_RF_Mean	0.6257	0.698	0.6694	0.4592	0.7228
Couplings_LF_RF_Mean	0.4592	0.6257	0.6694	0.0864	0.5375
Couplings_RH_LH_Mean	0.698	0.8618	0.6085	0.7625	0.8202
Couplings_RF_LF_Mean	0.5815	0.5815	0.6343	0.218	0.7228
Couplings_RF_RH_Mean	0.6728	0.218	0.4592	0.026	0.4592
Couplings_LF_LH_Mean	0.6085	0.7228	0.3588	0.0855	0.4592
Couplings_RH_RF_Mean	0.6694	0.5063	0.5375	0.026	0.6728
Couplings_LH_LF_Mean	0.6085	0.9977	0.5375	0.018	0.7228
Couplings_RF_LH_CStat_Mean	0.8116	0.054	0.4758	0.054	0.8252
Couplings_LF_RH_CStat_Mean	0.4758	0.8205	0.8314	0.4372	0.4372
Couplings_LH_RF_CStat_Mean	0.8622	0.4372	0.4372	0.036	0.9296
Couplings_RH_LF_CStat_Mean	0.3844	0.8128	0.7011	0.1053	0.8205
Couplings_LH_RH_CStat_Mean	0.4917	0.6043	0.5874	0.3844	0.7609
Couplings_LF_RF_CStat_Mean	0.3692	0.4372	0.5048	0.05829	0.4372
Couplings_RH_LH_CStat_Mean	0.6368	0.8532	0.4461	0.9296	0.6043
Couplings_RF_LF_CStat_Mean	0.4372	0.4372	0.4917	0.1816	0.5954
Couplings_RF_RH_CStat_Mean	0.5874	0.1816	0.3844	0.018	0.3844
Couplings_LF_LH_CStat_Mean	0.4372	0.4461	0.289	0.1053	0.4372
Couplings_RH_RF_CStat_Mean	0.5874	0.4073	0.4372	0.009	0.5874
Couplings_LH_LF_CStat_Mean	0.4917	0.8816	0.4372	0.009	0.6969
Couplings_RF_LH_CStat_R	0.9404	0.336	0.3439	0.9713	0.24
Couplings_LF_RH_CStat_R	0.9999	0.311	0.9999	0.9713	0.797
Couplings_LH_RF_CStat_R	0.8686	0.4514	0.7812	0.9999	0.3439
Couplings_RH_LF_CStat_R	0.8361	0.2929	0.9713	0.8686	0.9815
Couplings_LH_RH_CStat_R	0.797	0.2089	0.8686	0.2856	0.2954
Couplings_LF_RF_CStat_R	0.7605	0.3603	0.9999	0.3628	0.336
Couplings_RH_LH_CStat_R	0.9479	0.2089	0.9713	0.9404	0.2089
Couplings_RF_LF_CStat_R	0.9713	0.2089	0.8686	0.2589	0.8361
Couplings_RF_RH_CStat_R	0.8139	0.2089	0.9713	0.2089	0.2089
Couplings_LF_LH_CStat_R	0.8284	0.2089	0.9815	0.8545	0.2089
Couplings_RH_RF_CStat_R	0.9713	0.2145	0.9713	0.9713	0.2089
Couplings_LH_LF_CStat_R	0.9253	0.2089	0.9253	0.7605	0.7605
Support_Zero_percent	0.8141	0.8141	1	1	1
Support_Single_percent	0.5592	0.2582	0.4475	0.4475	1
Support_Diagonal_percent	0.5592	0.06475	0.8141	0.1546	0.252
Support_Girdle_percent	0.2751	0.3663	0.9839	1	0.8961
Support_Lateral_percent	0.5316	0.6841	0.186	0.0315	0.8844
Support_Three_percent	0.3465	0.0833	0.5176	0.0175	0.4475
Support_Four_percent	1	0.4589	0.9524	0.4589	0.05483