## movement-11

Start Index	Stop Index	Start Time	End Time	X [m]	Y [m]	Z [m]
14	49	0.65	2.4	0.256064	-0.316698	-14.850183
109	142	5.4	7.05	0.067466	0.536124	-13.201827
206	238	10.25	11.85	-0.217162	0.081988	-12.399938
286	329	14.25	16.4	0.620282	-0.025468	-22.390909
378	3 407	18.85	20.3	0.325531	-0.030281	-10.653658
448	3 487	22.35	24.3	3.054094	-1.728742	-17.662994
622	2 663	31.05	33.1	-0.106901	-0.110559	-20.372381
742	2 775	37.05	38.7	-0.13283	0.117453	-13.269423
854	889	42.65	44.4	-0.655107	-4.136676	-12.600515
956	991	47.75	49.5	-0.598791	-13.440938	-2.957079
1059	1088	52.9	54.35	2.599228	-0.019205	-9.004156
1158	1195	57.85	59.7	14.997234	-0.016012	-2.800284
	Total Dista	ınce:		20.209107	-19.089014	-152.163346
Start Index			End Time	_		Yaw [radians]
14	49	0.65	2.4	-0.017767	0.001065	Yaw [radians] -0.046859
1 <sup>2</sup> 109	49 142	0.65 5.4	2.4 7.05	-0.017767 0.00121	0.001065 -0.015365	-0.046859 0.041551
12 109 206	49 142 5 238	0.65 5.4 10.25	2.4 7.05 11.85	-0.017767 0.00121 -0.001187	0.001065 -0.015365 -0.00968	-0.046859 0.041551 -0.021367
1 <sup>2</sup> 109	49 142 5 238 5 329	0.65 5.4 10.25 14.25	2.4 7.05 11.85	-0.017767 0.00121 -0.001187 -0.004582	0.001065 -0.015365 -0.00968 0.002037	-0.046859 0.041551
1 <sup>2</sup> 109 206 286 378	49 142 5 238 6 329 8 407	0.65 5.4 10.25 14.25	2.4 7.05 11.85 16.4	-0.017767 0.00121 -0.001187 -0.004582	0.001065 -0.015365 -0.00968	-0.046859 0.041551 -0.021367
14 109 206 286 378 448	49 142 6 238 6 329 8 407 8 487	0.65 5.4 10.25 14.25 18.85 22.35	2.4 7.05 11.85 16.4 20.3 24.3	-0.017767 0.00121 -0.001187 -0.004582 0.160875 -0.181188	0.001065 -0.015365 -0.00968 0.002037 0.106606 -0.113467	-0.046859 0.041551 -0.021367 0.042248 -0.057485 0.050882
14 109 206 286 378 448 622	49 142 6 238 6 329 8 407 8 487 2 663	0.65 5.4 10.25 14.25 18.85 22.35	2.4 7.05 11.85 16.4 20.3 24.3	-0.017767 0.00121 -0.001187 -0.004582 0.160875 -0.181188	0.001065 -0.015365 -0.00968 0.002037 0.106606	-0.046859 0.041551 -0.021367 0.042248 -0.057485
14 109 206 286 378 448 622 742	49 142 6 238 6 329 8 407 8 487 2 663 775	0.65 5.4 10.25 14.25 18.85 22.35 31.05 37.05	2.4 7.05 11.85 16.4 20.3 24.3 33.1	-0.017767 0.00121 -0.001187 -0.004582 0.160875 -0.181188 0.046811 -0.001093	0.001065 -0.015365 -0.00968 0.002037 0.106606 -0.113467 -0.002195 -0.00997	-0.046859 0.041551 -0.021367 0.042248 -0.057485 0.050882
14 109 206 286 378 448 622 742 854	49 142 6 238 6 329 8 407 8 487 2 663 775 4 889	0.65 5.4 10.25 14.25 18.85 22.35 31.05 37.05 42.65	2.4 7.05 11.85 16.4 20.3 24.3 33.1 38.7 44.4	-0.017767 0.00121 -0.001187 -0.004582 0.160875 -0.181188 0.046811 -0.001093 1.57538	0.001065 -0.015365 -0.00968 0.002037 0.106606 -0.113467 -0.002195 -0.00997 -0.09729	-0.046859 0.041551 -0.021367 0.042248 -0.057485 0.050882 1.506832
14 109 206 286 378 448 622 742 854 956	49 142 6 238 6 329 8 407 8 487 2 663 2 775 4 889 6 991	0.65 5.4 10.25 14.25 18.85 22.35 31.05 37.05 42.65 47.75	2.4 7.05 11.85 16.4 20.3 24.3 33.1 38.7 44.4 49.5	-0.017767 0.00121 -0.001187 -0.004582 0.160875 -0.181188 0.046811 -0.001093 1.57538 -1.520516	0.001065 -0.015365 -0.00968 0.002037 0.106606 -0.113467 -0.002195 -0.00997 -0.09729 0.008876	-0.046859 0.041551 -0.021367 0.042248 -0.057485 0.050882 1.506832 -1.505605 -0.08077 0.052772
14 109 206 286 378 448 622 742 854	49 142 6 238 6 329 8 407 8 487 2 663 2 775 4 889 6 991	0.65 5.4 10.25 14.25 18.85 22.35 31.05 37.05 42.65 47.75 52.9	2.4 7.05 11.85 16.4 20.3 24.3 33.1 38.7 44.4 49.5 54.35	-0.017767 0.00121 -0.001187 -0.004582 0.160875 -0.181188 0.046811 -0.001093 1.57538 -1.520516 -0.005122	0.001065 -0.015365 -0.00968 0.002037 0.106606 -0.113467 -0.002195 -0.00997 -0.09729 0.008876 1.702601	-0.046859 0.041551 -0.021367 0.042248 -0.057485 0.050882 1.506832 -1.505605 -0.08077 0.052772 -0.073388
14 109 206 286 378 448 622 742 854 956 1059	49 142 6 238 6 329 8 407 8 487 2 663 2 775 4 889 6 991	0.65 5.4 10.25 14.25 18.85 22.35 31.05 37.05 42.65 47.75 52.9 57.85	2.4 7.05 11.85 16.4 20.3 24.3 33.1 38.7 44.4 49.5 54.35	-0.017767 0.00121 -0.001187 -0.004582 0.160875 -0.181188 0.046811 -0.001093 1.57538 -1.520516 -0.005122	0.001065 -0.015365 -0.00968 0.002037 0.106606 -0.113467 -0.002195 -0.00997 -0.09729 0.008876	-0.046859 0.041551 -0.021367 0.042248 -0.057485 0.050882 1.506832 -1.505605 -0.08077 0.052772