abel	s	ax1	ay1	az1	gx1	gy1	gz1	ax2	ay2	az2	gx2	gy2	gz2	
rest		3.973266602			-2.385288239							0.0500272885		Accelerometer data from IMU1 & IMU2
est	2		3.576293945	3.77355957	-2.385821342	1.720884919	6.772238731	3.896850586				0.05213869363		7 tocolorometer data from fivior a fivioz
est	3				-2.386620522	1.719152927	6.772371769					0.05158703029		= ax1 4
est	4			3.777099609	-2.388219357	1.719152927	6.772238731					0.05136703028		■ ay1
														= az1 🙃
in motion		3.970581055	3.578125		-2.386487484	1.719552636		0.2322998047			-0.7799783349		6.64745903	3
in motion	6	3.969726563		3.773925781	-2.399277687	1.720085502	6.769574165		3.561035156	3.305175781		-0.9835213423	*******	- ax2 <u>g</u>
in motion	7		3.577148438	3.774658203	-2.382490396	1.720618486		0.4908447266		3.283203125		-8.270736694	7.45443964	— ay2 ਊ
in motion	8	3.901733398	3.400634766	3.772705078	-2.097375631	-5.128532887	4.760447025	3.947509766	3.148071289	3.287841797	1.005268216	0.05100050196	-1.114462137	■ az2 ½ 2
rest	9	0.1589355469	3.479858398	3.85546875	6.233307362	-6.215300083	5.400486469	3.929321289	3.137817383	3.268798828	0.9818195105	0.06907831877	-1.113929152	8
rest	10	0.2252197266	3.380371094	3.838378906	6.177217007	1.527166724	-1.607742786	3.933959961	3.135131836	3.291381836	0.9870155454	0.06598953903	7.610052109	82
rest	11	0.3145751953	3.567504883	0.05773925781	6.280204773	-6.747825623	6.158306122	3.928955078	3.14074707	3.296020508	1.000605106	0.03902478144	7.615115166	5 to 1
rest	12	0.400390625	3.669799805	3.950073242	-2.331063271	1.298541903	-1.760825396	3.930908203	3.143676758	3.30480957	0.9959419966	0.04885318875	7.609652519	*
rest	13	0.2468261719	3.914428711	0.0498046875	-1.870482802	1.115482211	-1.04244256	3.933349609	3.157226563	3.313476563	1.017259002	0.02152204886	7.614449024	
rest	14	0.4166259766	3 380004883	0.01245117188	5 935801983	0.8554148078			3.129760742			0.0671594739	7.584338665	
rest	15			3.963867188		-0.1877857894	-1.584161162					0.0232488513		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
in motion		0.3836669922				0.2391178012		3.924926758				0.04880478978		Time (s)
						-5.111048698						0.04880478978		Tille (5)
in motion		3.937744141		3.972167969	4.472124577		6.364015102							
in motion	18			3.776123047		1.719317436	6.775566101	3.920043945				0.04460696504		
in motion		0.1175537109	3.590576172	3.931640625	5.497071266	-6.190753937	5.229072094	3.923217773				0.0520455353	7.602991104	Gyroscope data from IMU1 & IMU2
in motion		0.1276855469		3.694335938	-2.010642052		-0.9946916699					0.05374787748		<b>=</b> gx1 10
I in motion	21	0.2644042969	3.569946289	3.983764648	6.019071579	1.392547011	-1.858332872	3.925048828	3.139526367	3.306152344	0.9934106469	0.05025159568	7.609519482	
in motion	22	0.09509277344	3.739135742	3.901123047	6.230909348	-5.668975353	5.810961246	3.925048828	3.138671875	3.305297852	0.9934106469	0.05740132555	7.610851765	- gy1
in motion	23	0.1878662109	3.736083984	3.97644043	-2.37516284	-5.796876907	6.233837128	3.920410156	3.139770508	3.30456543	0.9886143208	0.04672200978	7.606454849	- gz1 👸 5
in motion		0.3607177734		3.986206055		0.6858884692	-1.167957783					0.04697338119		- 9×2 E 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
I in motion	25		3.52746582	3.85534668	6.050780296	1.426121235	-1.801472306		3.139038086	3.305541992	0.9936770797	0.05188211799	7.609119892	- qv2 g 1 // / / / / / / / / / / / / / / / /
I in motion	26			3.775634766	-2.386887074	1.719629645	6.771558285					0.05026772991		- 022 E 0
I in motion	27			3.774536133	-2.388086081	1.717764378	6.772490978	3.916748047		3.302368164		0.0525123626	7.611517906	= 922 \(\frac{1}{2}\)
I in motion	28		3.576538086	3.772705078	-2.390617609	1.721494913	6.770492554	3.922973633				0.05142621696		
											***************************************			
l in motion	29		3.57800293	3.779174805		1.720429063	6.771558285			3.310058594		0.0535412617		-5 M/V
rest	30				-2.394348145	1.72122848	6.770892143					0.06271287799		
rest	31		3.577758789	3.774780273	-2.388086081	1.719896078	6.772357941	3.922241211				0.05414965004		<u> </u>
rest	32	3.967895508	3.577270508	3.78125	-2.38595438	1.720029354	6.771425247	3.920288086	3.14440918	3.308837891	1.003536224	0.04919875786	7.61391592	2 2 2 2 2 2 2 3 3 1 1 1 1 1 1 1 1 1 1 1
t rest	33	3.966430664	3.577270508	3.777099609	-2.386887074	1.719896078	6.771824837	3.92199707	3.143432617	3.307006836	0.9960752726	0.05037546158	7.608187199	
t rest	34	3.967407227	3.576049805	3.778930664	-2.388219357	1.719629645	6.771425247	3.920654297	3.141113281	3.304199219	0.9967414141	0.05262425914	7.605922222	Time (s)
rest	35	3.971923828	3.586547852	3.762939453	-1.623902202	1.771271825	7.507524014	3.935424805	3.157714844	3.282958984	-0.0034187342	0.05074392632	8.484396935	
	36	3.970947266	3.5859375	3.762084961	-1.625234485	1.771271825	7.505792141	3.937011719	3.156982422	3.280883789	-0.0017720796	0.04752608016	8.485996246	Average IMU readings
	37	3.97265625	3.587768555	3.760742188	-1.620171785	1.771937966	7.508456707	3.939575195	3.158935547	3.281005859	-0.0011048824	0.04897445068	8.487728119	
	38	3.973754883	3.586303711	3.760986328	-1.625234485	1.773803234	7.50619173	3.935058594	3.153564453	3.284423828	-0.0022352663	0.04842122644	8.485730171	= ax1 10
	39	3.970458984	3.586303711	3.764648438	-1.628565311	1.773403525	7.505392551	3.934692383	3.15637207	3.279174805	0.00221080589	0.04680111632	8.487328529	■ ay1 👸
	40					1.77500236		3.937255859				0.04878032953		- azi
	41			3.758300781	-1.641222239	-6.949778557		0.1253662109				-7.600117207	6.614762783	<b>-</b> gx1
	41		3.583496094	3.766235352	-1.566346288	1.754617929		0.6622314453				-0.334751308		- E +
														- gy1 &
	43			3.767456055	7.055713177	-6.931925774		0.3594970703				-8.213654518		- gz1
	44		3.582641602	3.772460938	-1.438844085	1.657359123			0.2733154297		-5.313091278		1.416430235	- ax2 & + \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	45			3.762817383	-1.605916023	1.77393651		0.6447753906			-0.2528354228		6.177847862	— a√2 <sup>∞</sup>
l	46		3.58984375	3.755859375	6.859863281	-6.759124756	7.396942139	0.3852539063		3.586914063	-1.676144242		5.739677906	az2 E -5
	48	3.96484375	3.580932617	3.771362305	-1.646951199	-6.945515156	7.48367548	0.4893798828	3.140625	3.484863281	-5.784196377	-0.8198243976	0.7020731568	g † V V V
	49	3.96496582	3.578979492	3.76953125	6.991362095	-6.874236584	7.404269695	0.4178466797	2.993896484	3.470336914	-0.9926669002	-7.695806503	6.61218977	■ gx2
	50	3.961303711	3.580200195	3.766235352	7.063173771	-6.894087791	7.474349499	0.6577148438	3.865234375	3.555297852	-7.582150936	-8.499222755	-0.6459815502	- gy2 6 -10 - 8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	51		3.582763672	3.76953125	-1.574073792	1.739962459	-1.187412739	0.4624023438		3,407958984	-0.6515949368	-8.117781639	6.826690674	- 025 - 22 22 22 22 22 23 1 2 2 2 2 2 2 2 2 2 2
	52				7.042522907	-6.912607193		0.6397705078			0.1612743288		7.252215862	Time (s)
	53			3.774414063	7.056911945	-6.925263882		0.5209960938				-7.802466393	7.041444302	· · · · · · · · · · · · · · · · · · ·
	54			3.768798828	-1.577804208	1.717979312		0.5339355469				-0.0236204415		
			3.582275391	3.766113281	-1.580202341			0.5606689453			0.1368170381	***************************************	**********	Fitzeded data collection
	55					1.731169224								Extended data collection
	56		3.579101563			-6.858115673		0.5900878906		3.236083984		-0.2800770402		<b>a</b> x1 10
	57		3.571899414	3.787231445	-1.592726111	1.583016157	-1.133454084					-7.709849358		
	58	3.935913086	3.652099609	3.657348633	-1.210085988		-0.5521662235			3.527099609		-0.0125643303		- ay1 bg
	59	0.5534667969	3.616577148	0.1330566406	6.664529324	-6.118659496	-0.482360065	3.922851563	3.118164063	3.330566406	1.155129433	0.04586225003	7.039636135	- az1 ∞ 5 Mm 1 Mn
	60	0.4981689453	3.893188477	0.01086425781	-0.632412672	-6.920445442	-0.1360920668	3.90612793	3.151611328	3.307250977	1.164055943	0.00679323170	6.979149342	<b>-</b> gx1
		3.735839844				0.5755438805	2.081408501	3.880126953		3.314941406		0.07134480774		- gy1 g
						-0.2115805745				3.323486328		0.05463990197		
	62	0.3522949219												
		0.3522949219				-5.114463806	-0.1753990501	3.90637207	3.08215332	3.412719727	-7.27880764	-0.1310833991	7.023781776	

	64 0.0634765625	3.553466797	0.05651855469 6	6.709073544	-5.631267548	3.947857618	3.897216797	3.120483398	3.335449219	1.192034483	0.08866434544	-1.673686862	= av2	∞2	+711111	' VV V) —	- WWWW N		i MM I
At rest	65 3.989746094	3.616943359	3.719360352 -0	0.839246273	1.729427814	6.79330349	3.880371094	3.155883789	3.317382813	-0.0257979389	0.04621770978	6.783072948		ete	-5			# H W - \	
	66 3.990966797	3.616821289	3.72265625 -0.	.8359155059	1.72956109	6.792504311	3.883422852	3.147583008	3.307861328	-0.0034723391	0.05033174157	6.793997765	- az2	TO.	ייוון +	1.5		M L A	שיווי
	67 3.990966797	3.61706543	3.718017578 -0	.8411115408	1.72849524	6.792104721	3.881225586	3.149414063	3.303588867	0.00680780410	0.05684394017	6.794397831	- gx2	8	+ ''		11/01	•	I
	68 3.990966797	3.618530273	3.720092773 -0.	.8381804228	1.72956109	6.792371273	3.879394531	3.147827148	3.302368164	0.00154881319	0.05189408734	6.797861576	- gy2	ac	-10	- 00 01 02 00 02	4 2 0 8 9 0 8 9	00220	- 22500
	69 3.991577148	3.618164063	3.723632813 -0.	.8385801315	1.728628516	6.793037415	3.88269043	3.150268555	3.309814453	-0.0021905088	0.05280953273	6.793331623	- gz2		=		34 40 40 40 40 40 40 40 40 40 40 40 40 40	1 6 6 6 5	- 1- 60 60 60 60
	70 3.99206543	3.618530273	3.720825195 -0	0.839246273	1.727562666	6.793037415	3.875488281	3.146972656	3.313232422	-0.0123254507	0.05372393504	6.790267467					Time (s)		
	71 0.1987304688	3.611328125	3.848266602 0.	.7547322512	-1.038051367	-0.6756395698	3.881225586	3.147338867	3.305175781	-0.0384044237	0.03226069361	6.796396255							
	72 0.3677978516	3.65246582	0.16796875 -0.	.5640572906	-6.561019421	-1.712711453	3.88293457	3.146362305	3.310180664	0.00744845904	0.04673970491	6.801192284							
LH	73 3.954956055	3.096435547	3.908081055 7	7.188402176	-5.667435646	4.60657835	3.875366211	3.151611328	3.30078125	0.00571124861	0.06257340312	6.784538746							
	75 0.3350830078	3.667480469	0.2346191406 7	7.774353027	1.219287038	-0.0607781671	3.878295898	3.150268555	3.317504883	0.01271785889	0.05176710337	6.793864727							
	76 0.1551513672	3.628662109	0.1926269531 -0.	.8146653771	0.8752839565	1.06815505	3.87902832	3.148071289	3.295532227	-0.0166513025	0.04121685401	6.797461987							
	77 0.1712646484	3.580444336	0.1630859375 0.	.4042051136	0.9470955729	0.9272353053	3.881469727	3.145141602	3.31640625	0.00696289353	0.06784801185	6.790400505							
	79 0.02026367188	3.240722656	0.2138671875 -0.	.8772141337	-6.527176857	-0.2994265258	3.878051758	3.144287109	3.31640625	9.21E-05	0.05607577786	6.789334774							
	80 0.134765625	3.489868164	0.2000732422 -0.	.0538450032	1.626441717	0.7953042388	3.875244141	3.129150391	3.31628418	0.032649979	-8.60981369	6.772947311							
	81 0.2237548828	3.455444336	0.3275146484 -0.	.6491919756	1.094715834	-0.6371980309	3.868164063	3.143554688	3.309692383	0.00173669005	0.04548129439	6.773080826							
	82 3.983886719	3.322143555	0.1845703125 7	7.370262623	-6.390348434	6.196098804	3.879760742	3.139770508	3.303955078	0.02670193464	0.037409354	-1.909865737							
	83 3.936767578	3.470458984	0.1433105469 -0.	.7784263492	1.627107859	5.506360531	3.884277344	3.149414063	3.319946289	0.00755618885	0.05666803196	6.788535595							
	84 3.959350586	3.594604492	0.1477050781 7	7.723324776	-6.618573666	5.288657665	3.883911133	3.145263672	3.309204102	0.00830873753	0.05582441017	6.792798996							
	85 3.919677734	3.502075195	0.2127685547 -0.	.1343869269	-6.380622387	4.484203339	3.876831055	3.147949219	3.322265625	-0.0113590043	0.03926001862	6.794530869							
	86 0.1632080078	3.703979492	0.2557373047 7	7.783725739	-6.969770908	-0.5809816122	3.879516602	3.152099609	3.310180664	-0.0009419865	0.03629041836	6.801458836							
	87 3.919189453	3.571411133	3.833251953 -0.	.6885816455	-6.946722031	6.73746109	3.874267578	3.153320313	3.317871094	0.00442057102	0.04057463631	6.796262741							
	88 3.9296875	3.582397461	3.775390625 -0	0.868976891	1.735691309	6.742790222	3.873046875	3.141967773	3.313232422	0.01140584331	0.04999814555	6.797062397							
	89 3.931884766	3.587768555	3.770019531 -0.	.8651131988	1.730362058	6.746654034	3.877441406	3.143310547	3.320678711	-0.0003257920	0.04784198478	6.793465137							
	90 3.937866211	3.586791992	3.771362305 -0.	.8652464151	1.731694341	6.748652458	3.873779297	3.141113281	3.31628418	0.00485929707	0.04981807619	6.794530869							
	91 3.939331055	3.586791992	3.765869141 -0.	.8535220623	1.724766374	6.757046223	3.874023438	3.143310547	3.318725586	-0.0011787841	0.0509994626	6.793598175							