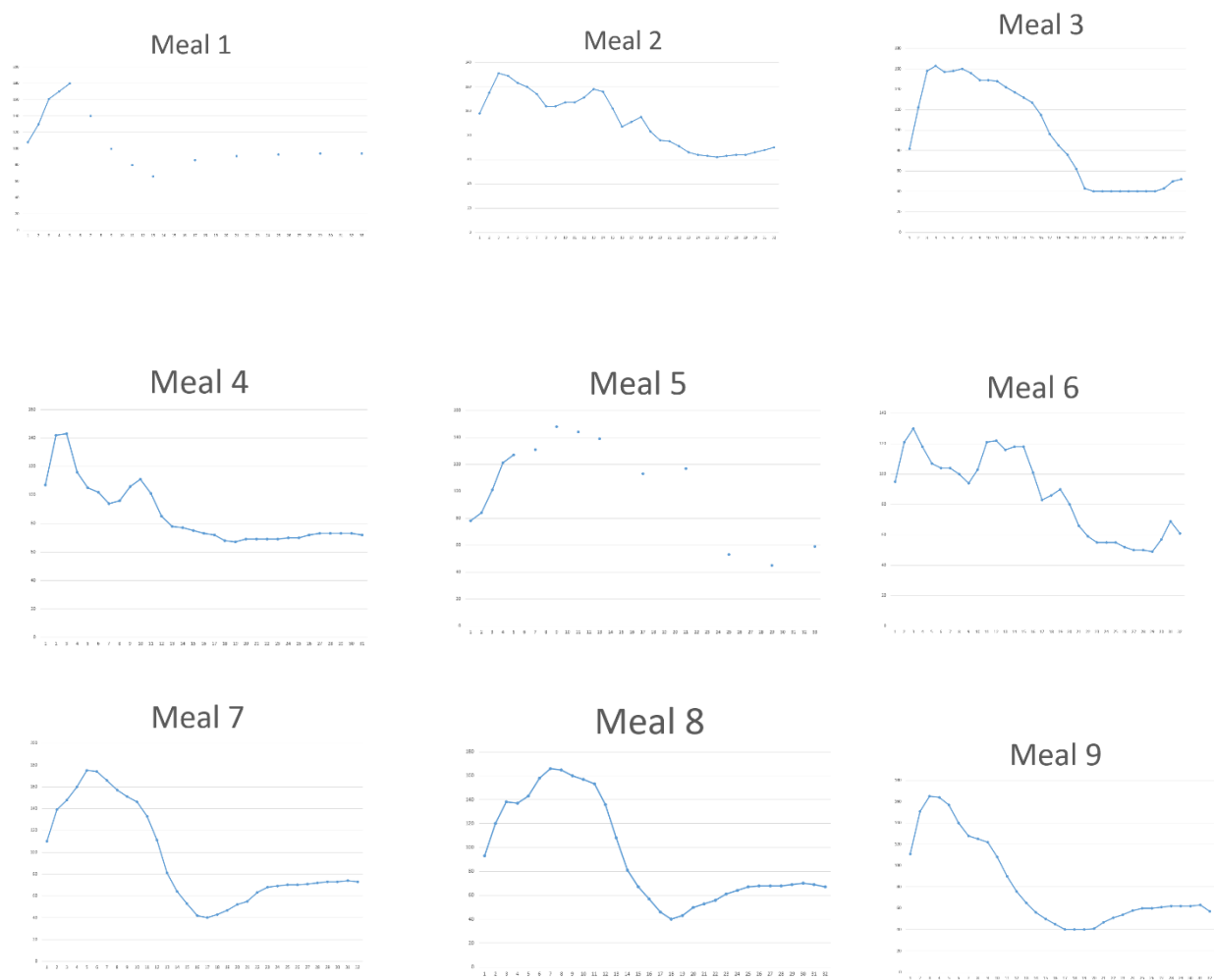
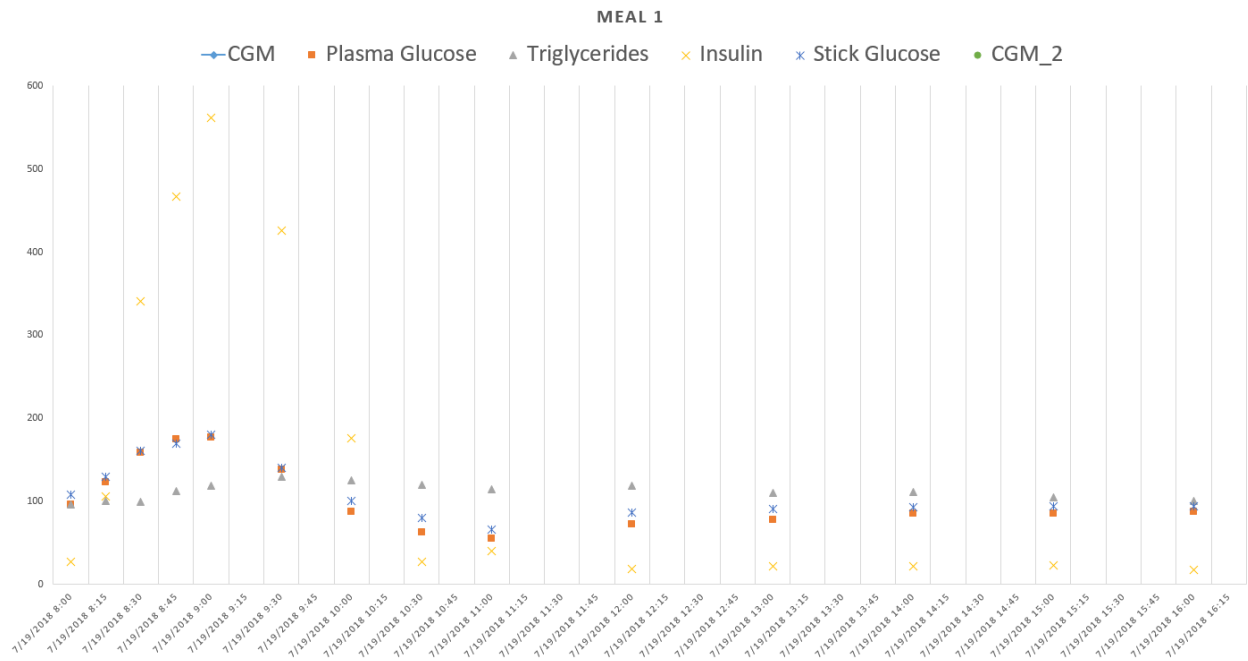


Visualization of all patients' standard meals

38B:

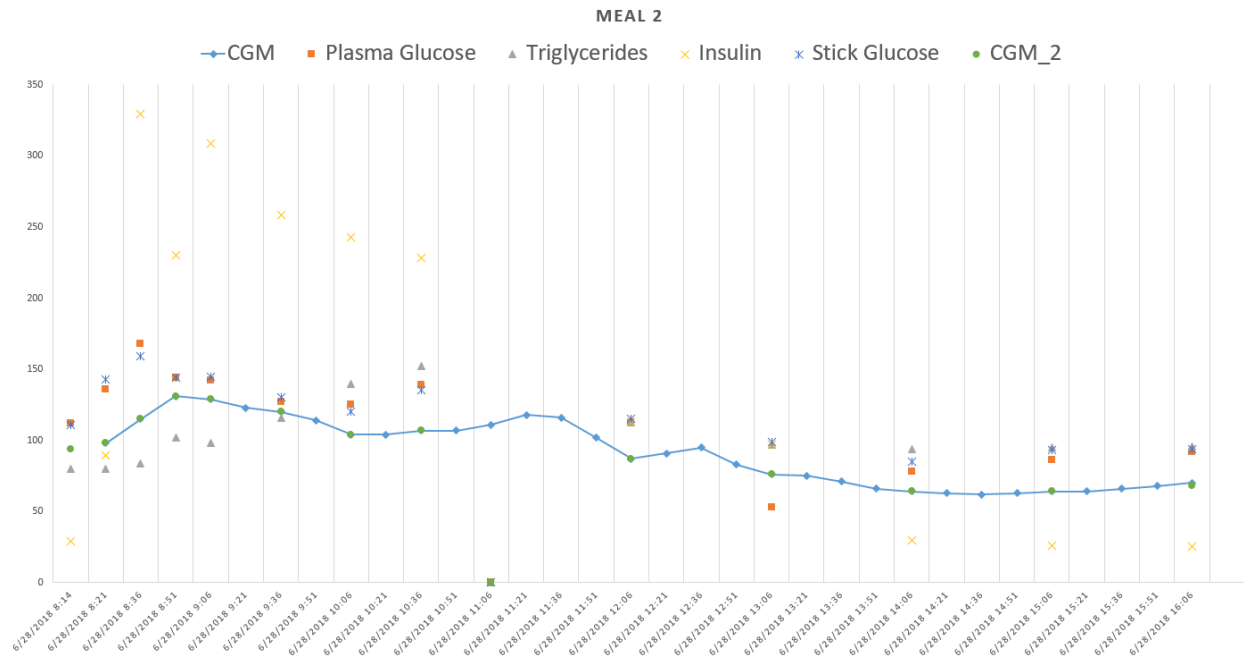


Meal 1 and 5 data are missing. So the blood draw file's cgm values are presented instead, in dots.



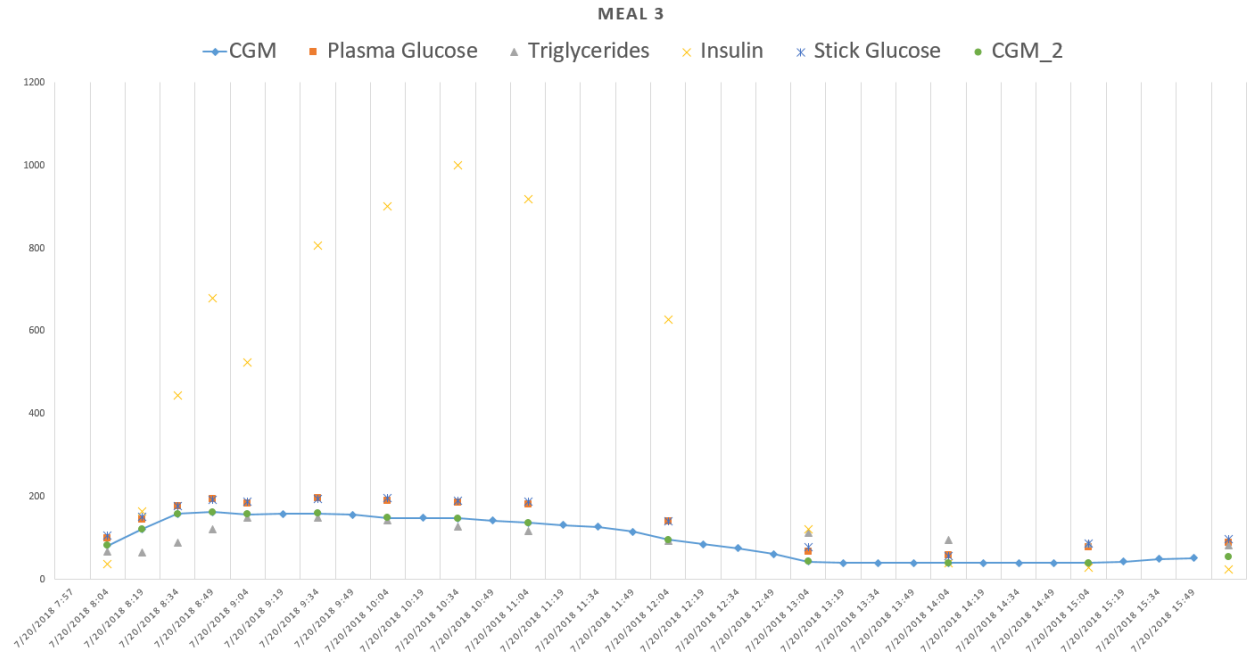
Subject	Study Day	Date	Sample #	BW	BMI	LBM	FM	Meal	RealTime	Time	Time(min)	LC-glucose	LC-TG	LC-insulin	Stick-glucose	cgm-glucose	Amino Acids
38B	6	7/19/2018	600	98.5	35.1			1	8:00	0	0.00	96	96	26.9	108	#N/A	#N/A
38B	6	7/19/2018	601	98.5	35.1			1	8:15	0:15	15.00	123	100	105.8	130	#N/A	#N/A
38B	6	7/19/2018	602	98.5	35.1			1	8:30	0:30	30.00	159	99	340.5	161	#N/A	#N/A
38B	6	7/19/2018	603	98.5	35.1			1	8:45	0:45	45.00	175	112	466.4	170	#N/A	#N/A
38B	6	7/19/2018	604	98.5	35.1			1	9:00	1:00	60.00	177	119	561.8	180	#N/A	#N/A
38B	6	7/19/2018	605	98.5	35.1			1	9:30	1:30	90.00	138	130	426.1	140	#N/A	#N/A
38B	6	7/19/2018	606	98.5	35.1			1	10:00	2:00	120.00	88	125	175.9	100	#N/A	#N/A
38B	6	7/19/2018	607	98.5	35.1			1	10:30	2:30	150.00	63	120	27.1	80	#N/A	#N/A
38B	6	7/19/2018	608	98.5	35.1			1	11:00	3:00	180.00	55	114	40.2	66	#N/A	#N/A
38B	6	7/19/2018	609	98.5	35.1			1	12:00	4:00	240.00	73	119	18.9	86	#N/A	#N/A
38B	6	7/19/2018	610	98.5	35.1			1	13:00	5:00	300.00	78	110	21.6	91	#N/A	#N/A
38B	6	7/19/2018	611	98.5	35.1			1	14:00	6:00	360.00	85	111	21.8	93	#N/A	#N/A
38B	6	7/19/2018	612	98.5	35.1			1	15:00	7:00	420.00	85	105	23.4	94	#N/A	#N/A
38B	6	7/19/2018	613	98.5	35.1			1	16:00	8:00	480.00	88	101	17.8	94	#N/A	#N/A

CGM data is missing for the whole study day



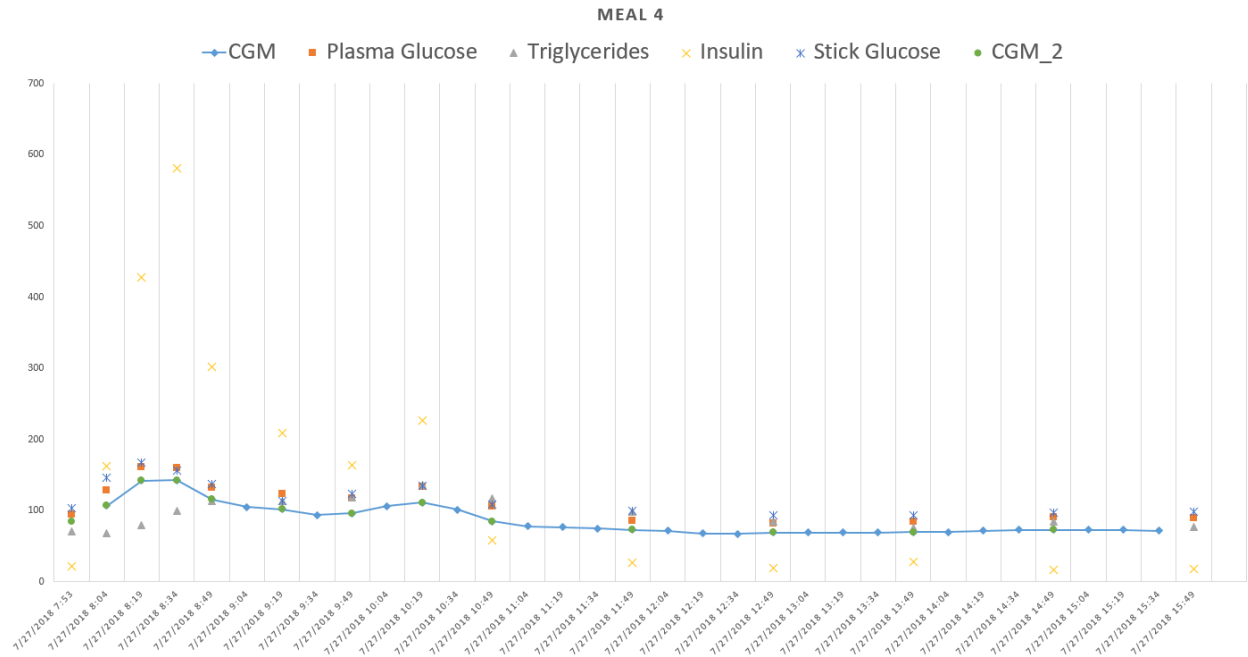
Subject	Study Day	Date	Sample #	BW	BMI	LBM	FM	Meal	RealTime	Time	Time(min)	LC-glucose	LC-TG	LC-insulin	Stick-glucose	cgm-glucose	Amino Acids
38B	2	6/28/2018	200	97.2	34			2	8:14	0	0.00	112	80	28.9	111	94	#N/A
38B	2	6/28/2018	201	97.2	34			2	8:29	0:15	15.00	136	80	89.4	143	98	#N/A
38B	2	6/28/2018	202	97.2	34			2	8:44	0:30	30.00	168	84	329.4	159	115	#N/A
38B	2	6/28/2018	203	97.2	34			2	8:59	0:45	45.00	144	102	230.3	144	131	#N/A
38B	2	6/28/2018	204	97.2	34			2	9:14	1:00	60.00	142	98	309.1	145	129	#N/A
38B	2	6/28/2018	205	97.2	34			2	9:44	1:30	90.00	127	116	258.4	130	120	#N/A
38B	2	6/28/2018	206	97.2	34			2	10:14	2:00	120.00	125	140	242.9	120	104	#N/A
38B	2	6/28/2018	207	97.2	34			2	10:44	2:30	150.00	139	152	228.5	135	107	#N/A
38B	2	6/28/2018	208	97.2	34			2	11:14	3:00	180.00	#NA	#NA	#NA	#NA	#NA	#N/A
38B	2	6/28/2018	209	97.2	34			2	12:14	4:00	240.00	113	113	112.5	115	87	#N/A
38B	2	6/28/2018	210	97.2	34			2	13:14	5:00	300.00	52.8	97	97	99	76	#N/A
38B	2	6/28/2018	211	97.2	34			2	14:14	6:00	360.00	78	94	29.9	85	64	#N/A
38B	2	6/28/2018	212	97.2	34			2	15:14	7:00	420.00	86	95	25.9	93	64	#N/A
38B	2	6/28/2018	213	97.2	34			2	16:14	8:00	480.00	92	96	25.2	94	68	#N/A

Time difference: 8 mins



Subject	Study Day	Date	Sample #	BW	BMI	LBM	FM	Meal	RealTime	Time	Time(min)	LC-glucose	LC-TG	LC-insulin	Stick-glucose	cgm-glucose	Amino Acids
38B	7	7/20/2018	700	98.4	35.1			3	7:57	0	0.00	100	67	37.6	106	82	#N/A
38B	7	7/20/2018	701	98.4	35.1			3	8:12	0:15	15.00	145	65	165.4	152	122	#N/A
38B	7	7/20/2018	702	98.4	35.1			3	8:27	0:30	30.00	177	88	443.9	177	158	#N/A
38B	7	7/20/2018	703	98.4	35.1			3	8:42	0:45	45.00	194	122	678.9	193	163	#N/A
38B	7	7/20/2018	704	98.4	35.1			3	8:57	1:00	60.00	184	149	524.3	188	157	#N/A
38B	7	7/20/2018	705	98.4	35.1			3	9:27	1:30	90.00	196	150	807.3	195	160	#N/A
38B	7	7/20/2018	706	98.4	35.1			3	9:57	2:00	120.00	190	142	902.2	197	149	#N/A
38B	7	7/20/2018	707	98.4	35.1			3	10:27	2:30	150.00	187	127	1000	191	148	#N/A
38B	7	7/20/2018	708	98.4	35.1			3	10:57	3:00	180.00	181	117	917.8	188	137	#N/A
38B	7	7/20/2018	709	98.4	35.1			3	11:57	4:00	240.00	140	93	627.7	141	96	#N/A
38B	7	7/20/2018	710	98.4	35.1			3	12:57	5:00	300.00	68	112	120.4	78	43	#N/A
38B	7	7/20/2018	711	98.4	35.1			3	13:57	6:00	360.00	58	96	38.7	56	40	#N/A
38B	7	7/20/2018	712	98.4	35.1			3	14:57	7:00	420.00	78	86	28	86	40	#N/A
38B	7	7/20/2018	713	98.4	35.1			3	15:57	8:00	480.00	88	83	24.6	97	55	#N/A

Time difference: 7 mins



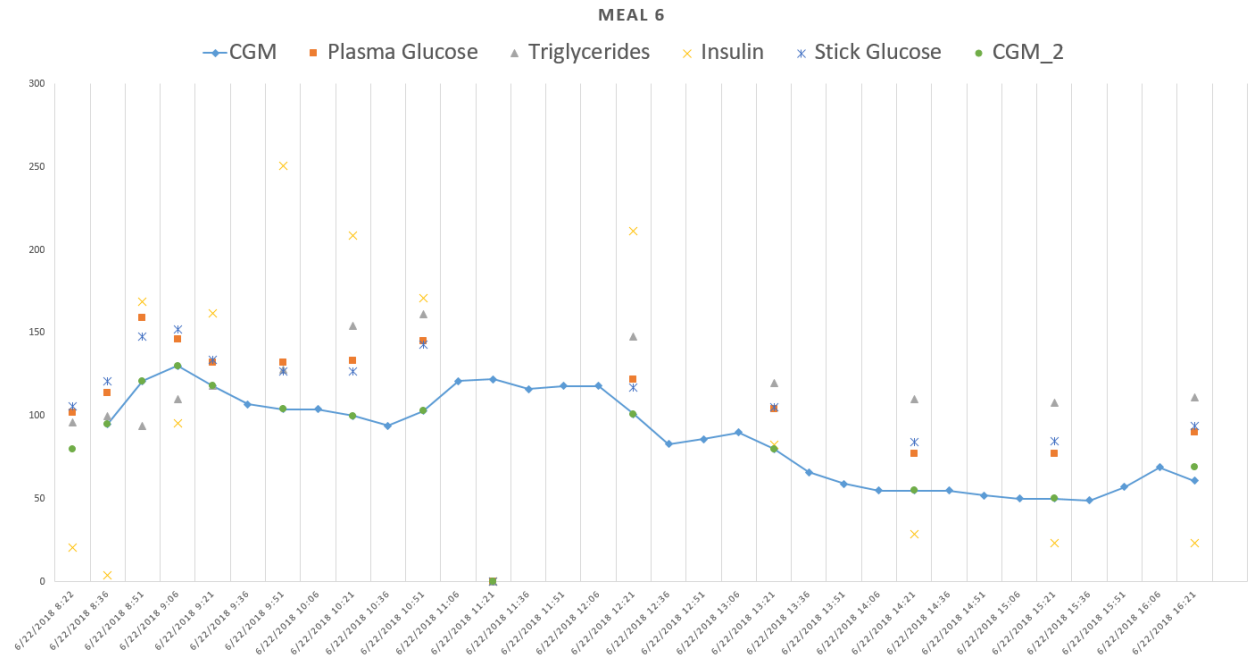
Subject	Study Day	Date	Sample #	BW	BMI	LBM	FM	Meal	RealTime	Time	Time(min)	LC-glucose	LC-TG	LC-insulin	Stick-glucose	cgm-glucose	Amino Acids
38B	9	7/27/2018	900	98.2	35			4	7:53	0	0.00	95	71	21.2	104	84	#N/A
38B	9	7/27/2018	901	98.2	35			4	8:08	0:15	15.00	128	68	162.4	146	107	#N/A
38B	9	7/27/2018	902	98.2	35			4	8:23	0:30	30.00	161	79	428.1	167	142	#N/A
38B	9	7/27/2018	903	98.2	35			4	8:38	0:45	45.00	160	100	581.1	156	143	#N/A
38B	9	7/27/2018	904	98.2	35			4	8:53	1:00	60.00	132	114	301.7	138	116	#N/A
38B	9	7/27/2018	905	98.2	35			4	9:23	1:30	90.00	123	114	208.6	113	102	#N/A
38B	9	7/27/2018	906	98.2	35			4	9:53	2:00	120.00	117	118	164.1	124	96	#N/A
38B	9	7/27/2018	907	98.2	35			4	10:23	2:30	150.00	133	136	226.2	135	111	#N/A
38B	9	7/27/2018	908	98.2	35			4	10:53	3:00	180.00	106	117	57.6	108	85	#N/A
38B	9	7/27/2018	909	98.2	35			4	11:53	4:00	240.00	86	99	26.3	100	73	#N/A
38B	9	7/27/2018	910	98.2	35			4	12:53	5:00	300.00	82	84	18.6	94	69	#N/A
38B	9	7/27/2018	911	98.2	35			4	13:53	6:00	360.00	84	76	27.4	93	70	#N/A
38B	9	7/27/2018	912	98.2	35			4	14:53	7:00	420.00	91	85	17.1	97	73	#N/A
38B	9	7/27/2018	913	98.2	35			4	15:53	8:00	480.00	90	77	17.4	99	#N/A	#N/A

Time difference: 4 mins



Subject	Study Day	Date	Sample #	BW	BMI	LBM	FM	Meal	RealTime	Time	Time(min)	LC-glucose	LC-TG	LC-insulin	Stick-glucose	cgm-glucose	Amino Acids
38B	4	7/3/2018	400	98.9	34.3			5	8:15	0	0.00	90	96	30.8	101	78	#N/A
38B	4	7/3/2018	401	98.9	34.3			5	8:30	0:15	15.00	125	91	161	135	84	#N/A
38B	4	7/3/2018	402	98.9	34.3			5	8:45	0:30	30.00	158	103	439.4	161	101	#N/A
38B	4	7/3/2018	403	98.9	34.3			5	9:00	0:45	45.00	155	116	483.5	172	121	#N/A
38B	4	7/3/2018	404	98.9	34.3			5	9:15	1:00	60.00	143	122	248.5	150	127	#N/A
38B	4	7/3/2018	405	98.9	34.3			5	9:45	1:30	90.00	178	124	419.1	182	131	#N/A
38B	4	7/3/2018	406	98.9	34.3			5	10:15	2:00	120.00	177	129	571.5	188	148	#N/A
38B	4	7/3/2018	407	98.9	34.3			5	10:45	2:30	150.00	172	123	641.5	171	144	#N/A
38B	4	7/3/2018	408	98.9	34.3			5	11:15	3:00	180.00	170	129	785.6	166	139	#N/A
38B	4	7/3/2018	409	98.9	34.3			5	12:15	4:00	240.00	135	125	335.8	138	113	#N/A
38B	4	7/3/2018	410	98.9	34.3			5	13:15	5:00	300.00	119	133	224.8	121	117	#N/A
38B	4	7/3/2018	411	98.9	34.3			5	14:15	6:00	360.00	52	115	37.6	60	53	#N/A
38B	4	7/3/2018	412	98.9	34.3			5	15:15	7:00	420.00	70	102	17.5	75	45	#N/A
38B	4	7/3/2018	413	98.9	34.3			5	16:15	8:00	480.00	87	118	19	92	59	#N/A

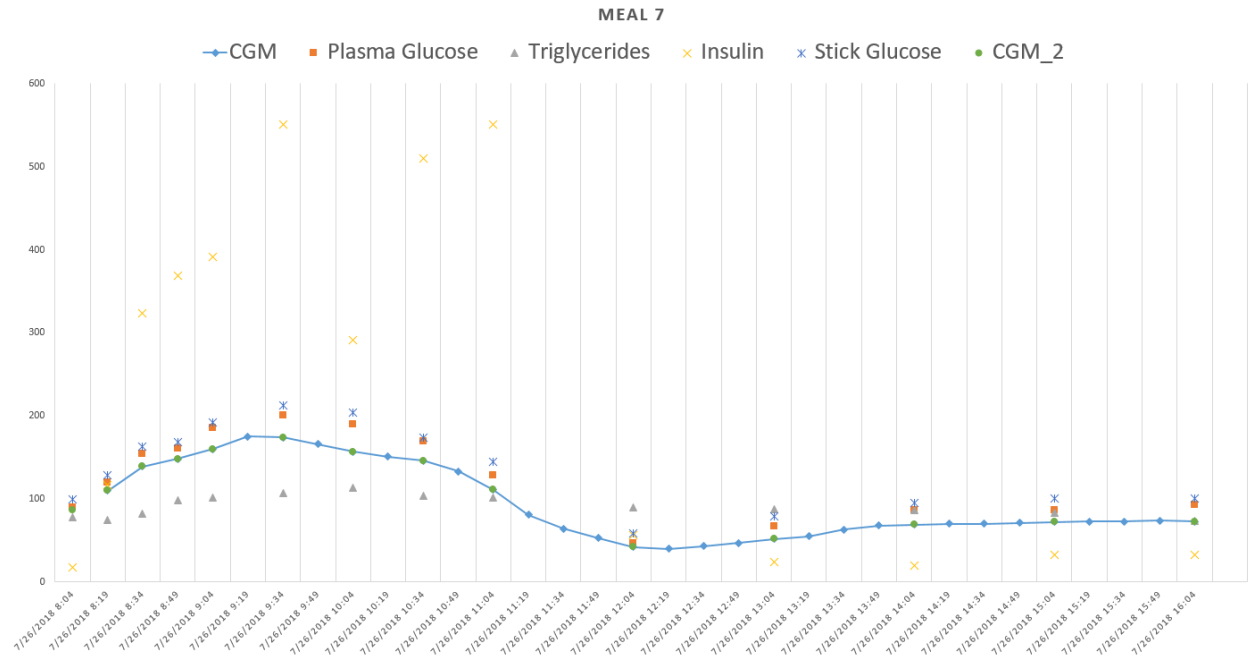
The cgm is missing for the whole study day



Subject	Study Day	Date	Sample #	BW	BMI	LBM	FM	Meal	RealTime	Time	Time(min)	LC-glucose	LC-TG	LC-insulin	Stick-glucose	cgm-glucose	Amino Acids
38B	1	6/22/2018	100	96.51	33.7	62.7815	28.7399	6	8:22	0	0.00	102	96	20.4	106	80	#N/A
38B	1	6/22/2018	101	96.51	33.7			6	8:37	0:15	15.00	114	100	3.8	121	95	#N/A
38B	1	6/22/2018	102	96.51	33.7			6	8:52	0:30	30.00	159	94	168.6	148	121	#N/A
38B	1	6/22/2018	103	96.51	33.7			6	9:07	0:45	45.00	146	110	95.3	152	130	#N/A
38B	1	6/22/2018	104	96.51	33.7			6	9:22	1:00	60.00	132	118	161.8	134	118	#N/A
38B	1	6/22/2018	105	96.51	33.7			6	9:52	1:30	90.00	132	128	250.5	127	104	#N/A
38B	1	6/22/2018	106	96.51	33.7			6	10:22	2:00	120.00	133	154	208.7	127	100	#N/A
38B	1	6/22/2018	107	96.51	33.7			6	10:52	2:30	150.00	145	161	171.2	143	103	#N/A
38B	1	6/22/2018	108	96.51	33.7			6	11:22	3:00	180.00	#NA	#NA	#NA	#NA	#NA	#N/A
38B	1	6/22/2018	109	96.51	33.7			6	12:22	4:00	240.00	122	148	211.4	117	101	#N/A
38B	1	6/22/2018	110	96.51	33.7			6	13:22	5:00	300.00	104	120	82.8	105	80	#N/A
38B	1	6/22/2018	111	96.51	33.7			6	14:22	6:00	360.00	77	110	28.5	84	55	#N/A
38B	1	6/22/2018	112	96.51	33.7			6	15:22	7:00	420.00	77	108	23.4	85	50	#N/A
38B	1	6/22/2018	113	96.51	33.7			6	16:22	8:00	480.00	90	111	23.3	94	69	#N/A

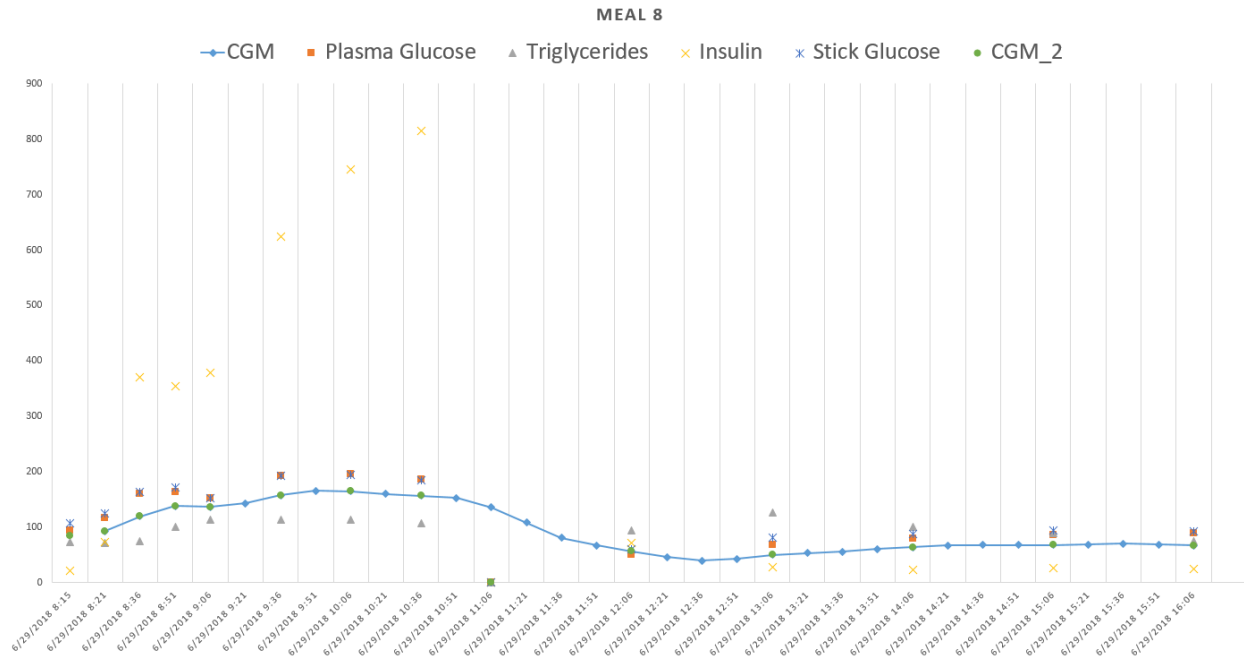
Time difference: 1 min

Last point of raw cgm reading txt file does not match blood draw file (69, 61)



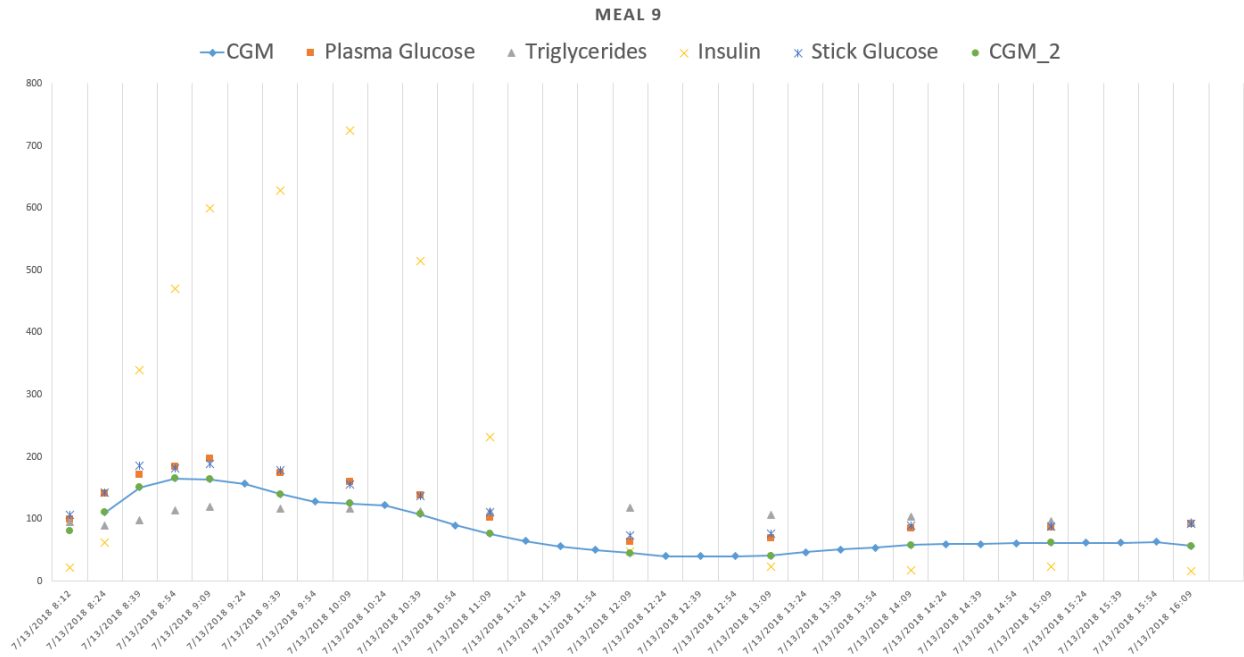
Subject	Study Day	Date	Sample #	BW	BMI	LBM	FM	Meal	RealTime	Time	Time(min)	LC-glucose	LC-TG	LC-insulin	Stick-glucose	cgm-glucose	Amino Acids
38B	8	7/26/2018	800	98.1	34.9			7	8:04	0	0.00	90	78	17.8	99	86	#N/A
38B	8	7/26/2018	801	98.1	34.9			7	8:19	0:15	15.00	120	75	116.9	129	110	#N/A
38B	8	7/26/2018	802	98.1	34.9			7	8:34	0:30	30.00	154	82	323.1	163	139	#N/A
38B	8	7/26/2018	803	98.1	34.9			7	8:49	0:45	45.00	161	98	369	168	148	#N/A
38B	8	7/26/2018	804	98.1	34.9			7	9:04	1:00	60.00	186	102	391.1	192	160	#N/A
38B	8	7/26/2018	805	98.1	34.9			7	9:34	1:30	90.00	201	107	551.2	213	174	#N/A
38B	8	7/26/2018	806	98.1	34.9			7	10:04	2:00	120.00	190	113	291.2	204	157	#N/A
38B	8	7/26/2018	807	98.1	34.9			7	10:34	2:30	150.00	170	104	509.7	174	146	#N/A
38B	8	7/26/2018	808	98.1	34.9			7	11:04	3:00	180.00	128	102	551.4	145	111	#N/A
38B	8	7/26/2018	809	98.1	34.9			7	12:04	4:00	240.00	47	90	56.3	58	42	#N/A
38B	8	7/26/2018	810	98.1	34.9			7	13:04	5:00	300.00	67	88	24.3	79	52	#N/A
38B	8	7/26/2018	811	98.1	34.9			7	14:04	6:00	360.00	86	86	20.1	95	69	#N/A
38B	8	7/26/2018	812	98.1	34.9			7	15:04	7:00	420.00	86	83	32.6	100	72	#N/A
38B	8	7/26/2018	813	98.1	34.9			7	16:04	8:00	480.00	93	74	32.9	100	73	#N/A

Time difference: 0 min



Subject	Study Day	Date	Sample #	BW	BMI	LBM	FM	Meal	RealTime	Time	Time(min)	LC-glucose	LC-TG	LC-insulin	Stick-glucose	cgm-glucose	Amino Acids
38B	3	6/29/2018	300	97	33.9			8	8:15	0	0.00	95	73	20.9	107	84	#N/A
38B	3	6/29/2018	301	97	33.9			8	8:30	0:15	15.00	117	71	73.9	125	93	#N/A
38B	3	6/29/2018	302	97	33.9			8	8:45	0:30	30.00	161	74	370.8	163	120	#N/A
38B	3	6/29/2018	303	97	33.9			8	9:00	0:45	45.00	163	101	354.4	171	138	#N/A
38B	3	6/29/2018	304	97	33.9			8	9:15	1:00	60.00	153	113	379	152	137	#N/A
38B	3	6/29/2018	305	97	33.9			8	9:45	1:30	90.00	192	114	624.7	193	158	#N/A
38B	3	6/29/2018	306	97	33.9			8	10:15	2:00	120.00	196	113	746	194	165	#N/A
38B	3	6/29/2018	307	97	33.9			8	10:45	2:30	150.00	186	107	814.9	184	157	#N/A
38B	3	6/29/2018	308	97	33.9			8	11:15	3:00	180.00	#NA	#NA	#NA	#NA	#NA	#N/A
38B	3	6/29/2018	309	97	33.9			8	12:15	4:00	240.00	51	94	70.8	60	57	#N/A
38B	3	6/29/2018	310	97	33.9			8	13:15	5:00	300.00	69	127	28.5	82	50	#N/A
38B	3	6/29/2018	311	97	33.9			8	14:15	6:00	360.00	79	101	22.9	88	64	#N/A
38B	3	6/29/2018	312	97	33.9			8	15:15	7:00	420.00	86	89	25.8	94	68	#N/A
38B	3	6/29/2018	313	97	33.9			8	16:15	8:00	480.00	90	74	24.4	93	67	#N/A

Time difference: 9 mins



Subject	Study Day	Date	Sample #	BW	BMI	LBM	FM	Meal	RealTime	Time	Time(min)	LC-glucose	LC-TG	LC-insulin	Stick-glucose	cgm-glucose	Amino Acids
38B	5	7/13/2018	500	98.2	34.3			9	8:12	0	0.00	100	95	22.5	107	81	#N/A
38B	5	7/13/2018	501	98.2	34.3			9	8:27	0:15	15.00	141	89	62.8	142	111	#N/A
38B	5	7/13/2018	502	98.2	34.3			9	8:42	0:30	30.00	171	98	339.1	186	151	#N/A
38B	5	7/13/2018	503	98.2	34.3			9	8:57	0:45	45.00	185	114	470.5	182	165	#N/A
38B	5	7/13/2018	504	98.2	34.3			9	9:12	1:00	60.00	197	120	599.6	188	164	#N/A
38B	5	7/13/2018	505	98.2	34.3			9	9:42	1:30	90.00	174	117	627.6	178	140	#N/A
38B	5	7/13/2018	506	98.2	34.3			9	10:12	2:00	120.00	160	117	724.2	156	125	#N/A
38B	5	7/13/2018	507	98.2	34.3			9	10:42	2:30	150.00	139	112	514.3	137	108	#N/A
38B	5	7/13/2018	508	98.2	34.3			9	11:12	3:00	180.00	103	113	231.2	111	76	#N/A
38B	5	7/13/2018	509	98.2	34.3			9	12:12	4:00	240.00	63	118	47.7	73	45	#N/A
38B	5	7/13/2018	510	98.2	34.3			9	13:12	5:00	300.00	70	107	23.2	77	41	#N/A
38B	5	7/13/2018	511	98.2	34.3			9	14:12	6:00	360.00	85	104	17.4	89	58	#N/A
38B	5	7/13/2018	512	98.2	34.3			9	15:12	7:00	420.00	87	97	23.2	88	62	#N/A
38B	5	7/13/2018	513	98.2	34.3			9	16:12	8:00	480.00	92	95	16.3	92	57	#N/A

Time difference: 3 mins