S1. Descriptive Statistics

Subjects		media	std	min	25%	Median	75%	max	Skewness	Kurtosis
Glucose										
Ctrl Female	40	87.62	8.25	73	82	87.5	94	105	0.0778	-0-92
Ctrl Male	40	93.65	8.14	79	88	94	100.2	111	0.0543	-0.92
Cirrho Female	40	92.59	8.75	77	86	93	98.25	113	0.1723	-0.41
Cirrho Male	40	90.62	8.31	74	85	90.5	97.25	110	0.0606	-0.56
HOMA-IR										
Ctrl Female	40	1.6817	0.24	1.27	1.46	1.73	1.88	2.04	-0.23419	-1.30
Ctrl Male	40	1.4487	0.20	1.05	1.31	1.48	1.583	1.85	-0.12626	-0.68
Cirrho Female	40	2.4647	0.36	1.91	2.11	2.52	2.78	3.06	-0.06100	-1.32
Cirrho Male	40	1.7462	0.23	1.26	1.57	1.785	1.903	2.22	-0.06466	-0.65
HbA_{1C}										
Ctrl Female	40	24.975	4.30	17	21	25	29	32	-0.03166	-1.22
Ctrl Male	40	28.05	5.5	17	24	28	32.25	39	-0.01231	-0.78
Cirrho Female	40	32.325	5.78	22	27	33	38	42	-0.06194	-1.25
Cirrho Male	40	29.675	5.49	19	25.75	30	34	40	-0.08433	-0.87
Cholesterol										
Ctrl Female	40	148	15.57	118	137.5	150	159.7	176	-0.275922	-0.79
Ctrl Male	40	139	13.64	115	128.7	137.5	147.2	165	0.393645	-0.60
Cirro Female	40	92.075	26.22	45	74.25	96.5	108.2	139	-0.079698	-0.91
Cirrho Male	40	110.75	16	81	100	1111	123.5	141	-0.07180	-0.90
Triglycerides										
Ctrl Female	40	144	17.51	115	132.2	142.5	154.5	185	0.441825	-0.43
Ctrl Male	40	150	19.99	118	134.2	148	162.2	198	0.502427	-0.34
Cirrho Female	40	65	20.2	38	50.75	62	75.25	119	0.919506	0.84
Cirrho Male	40	115	25.82	62	96.75	113.5	134.2	164	0.012095	-0.75

Albumin										
Ctrl Female	40	4.2	0.43	3.4	3.88	4.25	4.5	5	-0.017387	-0.85
Ctrl Male	40	4.8	0.68	3.3	4.3	4.9	5.3	6	-0.353347	-0.84
Cirro Female	40	2.9	0.31	2.3	2.68	2.95	3.1	3.4	-0.155886	-1.000.
Cirrho Male	40	3.3	0.44	2.3	3.08	3.3	3.62	4	-0.483681	-0.63
Total Bilirubin										
Ctrl Female	40	0.48	0.15	0.25	0.36	0.48	0.605	0.84	0.251769	-0.91
Ctrl Male	40	0.63	0.15	0.41	0.5	0.63	0.755	0.92	0.106702	-1.09
Cirrho Female	40	1.491	0.49	0.75	1.09	1.48	1.898	2.69	0.303255	-0.78
Cirrho Male	40	2.118	0.47	1.31	1.73	2.105	2.505	3.04	0.140678	-0.97
Direct Bilirubin										
Ctrl Female	40	0.22	0.09	0.09	0.16	0.19	0.28	0.45	0.375640	-0.51
Ctrl Male	40	0.18	0.06	0.09	0.14	0.19	0.223	0.27	-0.111464	-1.18
Cjrrho Female	40	0.46	0.11	0.24	0.38	0.47	0.543	0.65	-0.324198	-0.55
Cirrho Male	40	1.66	0.37	1.05	1.37	1.645	1.953	2.34	0.114991	-1.01
HGF										
Ctrl Female	40	9.21	2.73	3.9	7.13	9.2	11.28	15.2	0.117863	-0.77
Ctrl Male	40	8.7	2.22	4.3	7.0	9.2	10.33	12.9	-0.247612	-0.74
Cirrho Female	40	14.35	6.38	4.5	9.5	14.05	19.08	26.3	0.105979	-1.05
Cirrho Male	40	22.68	8.31	6.2	17.03	23.0	27.33	39.3	-0.057091	-0.47
EGF										
Ctrl Female	40	1.187	0.25	0.7	1.0	1.15	1.4	1.7	-0.020803	-0.78
Ctrl Male	40	1.385	0.39	0.5	1.10	1.4	1.6	2.3	0.119130	0.01
Cirrho Female	40	1.665	0.39	1.0	1.40	1.55	2.0	2.7	0.419448	-0.10
Cirrho Male	40	2.525	0.57	1.4	2.10	2.4	3	3.8	0.170930	-0.72
Insulin										
Ctrl Female	40	7.8	5.14	0.9	3.28	6.4	11.73	17.1	0.425983	-1.24
Ctrl Male	40	6.4	4.44	1.1	2.98	4.55	8.15	15.0	0.919218	-0.46
Cirrho Female	40	11	4.87	4.6	6.48	9.55	14.95	21.4	0.420068	-1.13
Cirrho Male	40	7.5	3.38	3.9	4.98	6.2	8.875	15.0	1.081033	0.00

Glucagon										
Ctrl Female	40	38.2	9.67	21.4	28.55	39.4	46.08	55.0	-0.022489	-1.25
Ctrl Male	40	35.4	8.24	21.2	27.6	35	42.6	49.6	0.11421	-1.19
Cirrho Female	40	30.6	8.09	17.2	22.9	30.55	38.3	44	-0.01159	-1.43
Cirrho Male	40	29.1	6.76	17.4	22.68	28.75	34.98	40.8	0.1157	-1.18
Insulin/Glucagon										
Ctrl Female	40	0.22	0.17	0.025	0.08	0.19	0.286	0.672	1.08	0.740
Ctrl Male	40	0.19	0.15	0.031	0.09	0.14	0.267	0.573	1.29	0.73
Cirrho Female	40	0.38	0.18	0.127	0.23	0.35	0.479	0.831	0.79	-0.23
Cirrho Male	40	0.27	0.14	0.103	0.18	0.22	0.32	0.684	1.25	0.90
Ammonia										
Ctrl Female	40	4.38	1.67	1.6	3.68	4.5	6.025	6.6	-0.4016	-1.09
Ctrl Male	40	5.155	2.04	1.5	3.68	4.95	6.25	10.6	0.4860	0.34
Cirrho Female	40	11.24	3.96	2.2	9.48	11.05	14.0	20.4	-0.5159	0.71
Cirrho Male	40	12.01	7.92	4.2	6.7	9.15	13.48	35.5	1.8136	3.43
Nitrites										
Ctrl Female	40	14.35	6.18	5.3	9.73	12.7	16.78	30.1	0.991019	0.38
Ctrl Male	40	19.69	8.11	5.3	13.9	18.5	25.98	34.4	0.158719	-1.00
Cirrho Female	40	55.177	23.8	20.7	37.93	49.55	64.5	117.4	1.031619	0.54
Cirrho Male	40	27.99	11.68	7.4	18.83	27.20	38.45	48.2	0.0928	-1.16
Urea										
Ctrl Female	40	56.75	49.30	23	29	41.5	52.5	206	2.137271	3.3296
Ctrl Male	40	43	34.07	16	26.75	37.5	46	192	3.608302	13.711
Cirrho Female	40	24.65	20.25	10	13.75	18	22	85	2.051789	2.958
Cirrho Male	40	31.925	19.68	13	20.75	30	38	137	4.002988	21.172
Uric Acid										
Ctrl Female	40	15.5	3.042 687	9.6	13.3	15.35	17.75		0.003650	-0.866
Ctrl Male	40	17.9	2.901 193	11.4	15.95	17.85	19.9	23.9	0.002911	-0.394
Cirrho Female	40	12.7	3.987 480	6.9	9.75	11.6	14.75	21.4	0.741868	-0.5717

Cirrho Male	40	14.7	4.330926	8.1	11.4	14.35	17.1	23.9	0.502117	-0.650

Ctrl: Control

Cirrho: Cirrhosis