

Supplementary material

Table S1.

Number of significant links per patient in dependence of different alpha levels.

Patient	0.1	0.06	0.05	0.04	0.01	0.001
P1	9	8	8	8	2	1
P2	4	2	2	2	2	0
P3	11	10	10	10	8	4
P4	6	5	4	3	3	0
P5	21	18	18	18	17	1
P6	7	4	3	3	1	0
P7	8	5	4	4	1	0
P8	13	8	8	8	5	0
P9	1	0	0	0	0	0
P10	13	10	9	8	4	3
P11	21	21	21	21	19	16
P12	19	17	17	17	11	5
P13	7	7	6	6	3	1
P14	6	6	5	5	3	0
P15	9	6	6	6	5	3
P16	0	0	0	0	0	0
P17	1	0	0	0	0	0
P18	14	12	9	8	6	5
P19	8	7	7	7	5	2
P20	14	11	10	10	9	2
P21	9	9	8	8	5	1
P22	2	2	2	1	1	0
P23	3	3	3	1	0	0
P24	5	4	4	4	1	0
P25	7	5	5	3	1	0
P26	10	10	9	9	8	3
P27	12	10	10	8	4	0
P28	10	8	8	7	3	0
P29	8	5	4	3	2	1
P30	1	0	0	0	0	0
P31	7	4	4	1	1	1
P32	15	13	13	12	11	5
P33	25	25	25	20	9	1
P34	19	17	17	13	10	7
P35	2	2	2	2	0	0
P36	7	5	5	5	3	0
P37	9	7	7	6	1	1
P38	11	6	6	6	0	0
P39	4	3	2	1	0	0
P40	7	6	5	5	3	0
P41	7	5	5	5	2	1
P42	5	3	3	3	2	0
P43	17	14	12	12	7	2
P44	2	1	1	0	0	0
P45	6	3	3	3	3	0
P46	14	14	14	13	11	6
P47	8	6	6	5	2	0
P48	1	0	0	0	0	0
P49	11	9	9	8	6	2
P50	7	6	6	5	2	1
P51	1	0	0	0	0	0
P52	8	7	5	5	2	0

P53	12	9	9	9	9	6
P54	3	3	3	1	1	1
P55	10	7	7	7	6	6
P56	16	14	14	14	4	3
P57	5	3	2	2	2	1
P58	8	5	4	2	1	0
P59	1	1	1	1	0	0
P60	0	0	0	0	0	0
P61	15	15	15	15	15	8
P62	13	13	13	12	10	5
P63	1	1	1	1	0	0
P64	12	10	10	10	10	4
P65	14	13	13	11	9	4
P66	4	3	2	1	1	0
P67	7	6	6	5	3	1
P68	5	4	4	3	3	1
P69	12	10	10	10	5	2
P70	10	8	8	6	3	0
P71	6	6	6	6	5	3
P72	6	6	6	6	3	0
P73	0	0	0	0	0	0
P74	17	16	16	16	15	6
P75	8	6	6	5	1	0
P76	10	8	8	8	5	2
P77	8	6	4	4	3	0
P78	11	10	10	10	9	3
P79	11	8	8	5	4	2
P80	10	10	10	10	6	1
P81	9	6	6	6	2	0
P82	2	1	1	1	0	0
P83	11	8	8	7	7	4
P84	14	14	13	12	6	0
P85	3	3	3	3	3	0
P86	16	15	14	12	10	7
P87	13	11	9	8	3	3
P88	17	15	15	14	13	10
P89	6	2	2	2	0	0
P90	21	20	19	19	11	2
P91	16	13	12	12	9	3
P92	5	5	4	4	2	1
P93	19	19	19	16	9	5
P94	3	3	3	3	0	0
P95	22	21	21	20	12	4
P96	9	8	8	8	5	1
P97	6	3	3	2	0	0
P98	1	0	0	0	0	0
P99	10	9	7	6	4	1
P100	9	8	8	8	6	2
P101	26	21	21	21	21	16
P102	12	11	11	10	9	0
P103	20	20	19	18	10	8
P104	7	4	4	3	1	1
P105	11	6	6	5	4	3
P106	5	3	3	2	0	0
P107	22	20	18	16	4	2
P108	5	2	2	2	0	0
P109	10	8	7	7	5	2

P110	3	3	3	3	3	1
P111	14	13	13	13	9	5
P112	17	16	13	10	4	0
P113	5	5	4	4	2	0
P114	1	1	0	0	0	0
P115	8	7	7	6	1	0
P116	13	10	10	10	7	0
P117	9	5	5	5	1	1
P118	2	2	2	2	0	0
P119	0	0	0	0	0	0
P120	3	1	1	0	0	0
P121	4	2	2	2	0	0
P122	3	3	2	1	0	0
P123	0	0	0	0	0	0
P124	1	1	1	1	0	0
P125	4	4	4	3	3	1
P126	6	3	1	1	0	0
P127	5	4	4	4	2	0
P128	12	11	11	10	6	1
P129	4	4	3	3	1	0
P130	14	10	9	9	4	0
P131	1	1	1	1	1	0
P132	3	2	1	1	0	0
P133	6	3	3	2	0	0
P134	9	3	3	3	0	0
P135	1	1	1	1	0	0
P136	4	3	3	2	1	1
P137	9	7	7	7	3	0
P138	7	5	5	5	2	0
P139	0	0	0	0	0	0
P140	0	0	0	0	0	0
P141	20	20	19	19	10	0
P142	3	3	1	1	0	0
P143	3	3	3	2	1	1
P144	1	1	1	1	0	0
P145	4	3	3	3	2	1
P146	25	21	19	18	14	9
P147	2	2	1	1	0	0
P148	7	6	6	5	4	0
P149	10	8	8	8	3	0
P150	12	9	7	7	3	2
P151	5	3	3	3	3	0
P152	7	6	6	5	2	0
P153	10	5	5	4	3	1
P154	0	0	0	0	0	0
P155	15	15	14	13	10	8
P156	7	5	5	5	3	0
P157	0	0	0	0	0	0
P158	16	13	13	13	10	9
Total	1332	1102	1045	962	611	250

Table S2.
 number of patients per patient cluster in dependence of alpha value

Patient cluster	0.001	0.01	0.04	0.05	0.06	0.1
000	113	109	101	99	99	92
100	1	3	2	10	13	10
010	16	20	20	14	14	14
001	14	13	13	18	14	17
110	2	2	9	7	8	5
101	1	/	1	4	4	10
011	6	6	10	5	5	7
111	5	5	2	1	1	3

Note: The direct comparison between the alpha values is difficult, because both the links per patient and the links in a factor can change, indicating that patient cluster 100 with alpha 0.001 can have a different meaning than patient cluster 100 for alpha 0.01.

Table S3.

Factor scores of the links in dependence of different alpha values.

Link α value	0.001	0.01	0.04	0.05	0.06	0.1
Eat-Death	000	000	000	000	000	000
Eat-Guilt	000	000	000	000	000	001
Eat-Motor	000	000	000	000	000	000
Energy-Death	000	000	000	000	001	010
Motor-Death	000	000	000	000	000	000
Sleep-Death	000	000	000	000	001	010
Cogn-Death	000	000	001	001	001	010
Core-Death	000	000	001	001	001	010
Guilt-Death	000	000	001	001	001	010
Core-Eat	000	000	000	010	010	001
Eat-Cogn	000	000	100	010	010	001
Eat-Sleep	000	000	000	010	010	001
Energy-Eat	000	000	100	010	010	001
Core-Motor	000	100	100	100	100	100
Energy-Motor	000	000	100	100	100	100
Motor-Cogn	000	100	100	100	100	100
Motor-Guilt	000	100	100	100	100	100
Sleep-Guilt	100	100	100	100	100	100
Sleep-Motor	000	100	100	100	100	100
Core-Guilt	010	110	101	101	101	111
Energy-Guilt	100	010	101	101	101	101
Guilt-Cogn	100	101	101	101	101	110
Core-Sleep	100	001	010	110	110	110
Energy-Sleep	000	001	010	110	110	110
Sleep-Cogn	100	101	110	110	110	110
Core-Cogn	100	011	111	111	111	111
Core-Energy	001	111	111	111	111	111
Energy-Cogn	100	011	111	111	111	111

Note: 001 indicates that this link loads on the third factor, 101 that it loads on the first and the third factor etc.

Table S4.

Links within a cluster for the different significance levels.

	000	100	010	001	110	101	011	111	
0.001	Core-Eat Energy-Eat Energy-Sleep Eat-Sleep Core-Motor Energy-Motor Eat-Motor Sleep-Motor Eat-Guilt Motor-Guilt Eat-Cogn Motor-Cogn Core-Death Energy-Death Eat-Death Sleep-Death Motor-Death Guilt-Death Cogn-Death	Core-Sleep Energy-Guilt Sleep-Guilt Core-Cogn Energy-Cogn Sleep-Cogn Guilt-Cogn	Core-Guilt	Core-Energy					
0.01	Core-Eat Energy-Eat Eat-Sleep Energy-Motor Eat-Motor Eat-Guilt Eat-Cogn Core-Death Energy-Death Eat-Death Sleep-Death Motor-Death Guilt-Death Cogn-Death	Core-Motor Sleep-Motor Motor-Guilt Motor-Cogn Sleep-Guilt	Energy-Guilt	Energy-Sleep Core-Sleep	Core-Guilt	Sleep-Cogn Guilt-Cogn	Core-Cogn Energy-Cogn	Core-Energy	

0.04	Core-Eat Eat-Sleep Eat-Motor Eat-Guilt Energy-Death Eat-Death Sleep-Death Motor-Death	Energy-Eat Energy-Motor Eat-Cogn Core-Motor Sleep-Motor Motor-Guilt Motor-Cogn Sleep-Guilt	Energy-Sleep Core-Sleep	Core-Death Guilt-Death Cogn-Death	Sleep-Cogn	Energy-Guilt Guilt-Cogn Core-Guilt		Core-Cogn Energy-Cogn Core-Energy
0.05	Eat-Motor Eat-Guilt Energy-Death Eat-Death Sleep-Death Motor-Death	Energy-Motor Core-Motor Sleep-Motor Motor-Guilt Motor-Cogn Sleep-Guilt	Core-Eat Eat-Sleep Energy-Eat Eat-Cogn	Core-Death Guilt-Death Cogn-Death	Energy-Sleep Core-Sleep Sleep-Cogn	Energy-Guilt Guilt-Cogn Core-Guilt		Core-Cogn Energy-Cogn Core-Energy
0.06	Eat-Motor Eat-Guilt Eat-Death Motor-Death	Energy-Motor Core-Motor Sleep-Motor Motor-Guilt Motor-Cogn Sleep-Guilt	Core-Eat Eat-Sleep Energy-Eat Eat-Cogn	Energy-Death Sleep-Death Core-Death Guilt-Death Cogn-Death	Energy-Sleep Core-Sleep Sleep-Cogn	Energy-Guilt Guilt-Cogn Core-Guilt		Core-Cogn Energy-Cogn Core-Energy
0.1	Eat-Motor Eat-Death Motor-Death	Energy-Motor Core-Motor Sleep-Motor Motor-Guilt Motor-Cogn Sleep-Guilt	Energy-Death Sleep-Death Core-Death Guilt-Death Cogn-Death	Eat-Guilt Core-Eat Eat-Sleep Energy-Eat Eat-Cogn	Guilt-Cogn Energy-Sleep Core-Sleep Sleep-Cogn	Energy-Guilt		Core-Guilt Core-Cogn Energy-Cogn Core-Energy

Note: the factors are not predefined, what was the second factor for alpha =0.06 can be the third for alpha =0.1