

pin	pain4a_t	dep4a_t	phy4a_t	social4a_t	fatig4a_t	anx4a_t	slpd4a_t	cog2_t	theta_pain	theta_dep
1	41.6	41.0	57	64.2	51.0	51.7	41.2	55.2	-0.84	-0.90
2	41.6	52.1	57	41.8	71.5	61.6	57.4	45.0	-0.84	0.21
3	41.6	49.3	57	47.0	48.6	47.9	43.5	55.2	-0.84	-0.07
4	41.6	52.0	57	64.2	46.1	52.5	44.9	61.2	-0.84	0.20
5	41.6	41.0	57	57.6	75.8	71.0	48.3	.	-0.84	-0.90
6	50.2	60.5	57	44.4	60.7	71.6	46.4	45.0	0.02	1.05
7	50.2	54.3	57	51.9	48.6	61.8	47.2	.	0.02	0.43
8	41.6	57.4	57	50.1	60.8	59.7	49.4	55.2	-0.84	0.74
9	41.6	55.6	57	48.3	58.7	57.5	41.2	47.2	-0.84	0.56
10	41.6	56.1	57	37.1	57.1	47.9	51.1	52.0	-0.84	0.61
11	41.6	41.0	57	64.2	43.4	56.0	32.0	55.2	-0.84	-0.90
12	52.2	41.0	57	51.8	43.3	51.7	50.9	.	0.22	-0.90

pin	theta_phys	theta_sr	theta_fat	theta_slp	theta_cog
1	0.7	1.42	0.10	-0.88	0.52
2	0.7	-0.82	2.15	0.74	-0.50
3	0.7	-0.30	-0.14	-0.65	0.52
4	0.7	1.42	-0.39	-0.51	1.12
5	0.7	0.76	2.58	-0.17	.
6	0.7	-0.56	1.07	-0.36	-0.50
7	0.7	0.19	-0.14	-0.28	.
8	0.7	0.01	1.08	-0.06	0.52
9	0.7	-0.17	0.87	-0.88	-0.28
10	0.7	-1.29	0.71	0.11	0.20
11	0.7	1.42	-0.66	-1.80	0.52
12	0.7	0.18	-0.67	0.09	.

The MEANS Procedure

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
theta_pain		12	-0.61	0.42	-0.84	0.22
theta_dep		12	0.01	0.73	-0.90	1.05
theta_phys		12	0.70	0.00	0.70	0.70
theta_sr		12	0.19	0.91	-1.29	1.42
theta_fat		12	0.55	1.06	-0.67	2.58
theta_slp		12	-0.39	0.64	-1.80	0.74
theta_cog		9	0.24	0.55	-0.50	1.12
pain_utility		12	0.98	0.04	0.90	1.00
depression_utility		12	0.86	0.10	0.68	0.97
physical_utility		12	0.96	0.00	0.96	0.96
social_utility		12	0.84	0.13	0.61	1.00
fatigue_utility		12	0.69	0.26	0.00	0.89
sleep_utility		12	0.88	0.08	0.65	1.00
cognition_utility		12	0.64	0.39	0.00	1.00
PROPr	PROPr (MAUT J Hanmer, Sept 2017)	12	0.46	0.23	0.09	0.81

The MEANS Procedure

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
ph29_t	PROMIS29 v2.0 PH summary (T)	12	56.80	1.21	55.07	58.59
mh29_t	PROMIS29 v2.0 MH summary (T)	12	48.87	6.92	38.57	60.08
phy4a_t	Physical Function (T)	12	57.00	0.00	57.00	57.00
painav_t	pain composite (T)	12	44.34	4.36	40.86	53.71
social4a_t	Ability to Part in Soc Roles/Activ (T)	12	51.88	9.06	37.10	64.20
fatig4a_t	Fatigue (T)	12	55.47	10.60	43.30	75.80
slpd4a_t	Sleep Disturbance (T)	12	46.13	6.38	32.00	57.40
emot_t	anxiety/dep composite (T)	12	53.84	5.91	46.35	66.05
anx4a_t	Anxiety/Fear (T)	12	57.58	7.98	47.90	71.60
dep4a_t	Depression/Sadness (T)	12	50.11	7.29	41.00	60.50
pain4a_t	Pain Interference (T)	12	43.92	4.22	41.60	52.20
pain1_t	Pain intensity (T)	12	44.76	5.89	40.13	57.22

The CORR Procedure

13 Variables:	ph29_t	mh29_t	phy4a_t	painav_t	social4a_t	fatig4a_t	slpd4a_t	emot_t	anx4a_t	dep4a_t	pain4a_t	pain1_t	PROPr
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Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
ph29_t	12	56.80369	1.21417	681.64428	55.06701	58.58627	PROMIS29 v2.0 PH summary (T)
mh29_t	12	48.87418	6.92035	586.49016	38.57092	60.08443	PROMIS29 v2.0 MH summary (T)
phy4a_t	12	57.00000	0	684.00000	57.00000	57.00000	Physical Function (T)
painav_t	12	44.33725	4.35628	532.04701	40.86410	53.71111	pain composite (T)
social4a_t	12	51.88333	9.06480	622.60000	37.10000	64.20000	Ability to Part in Soc Roles/Activ (T)
fatig4a_t	12	55.46667	10.59625	665.60000	43.30000	75.80000	Fatigue (T)
slpd4a_t	12	46.12500	6.38024	553.50000	32.00000	57.40000	Sleep Disturbance (T)
emot_t	12	53.84167	5.90954	646.10000	46.35000	66.05000	anxiety/dep composite (T)
anx4a_t	12	57.57500	7.97714	690.90000	47.90000	71.60000	Anxiety/Fear (T)
dep4a_t	12	50.10833	7.29152	601.30000	41.00000	60.50000	Depression/Sadness (T)
pain4a_t	12	43.91667	4.21983	527.00000	41.60000	52.20000	Pain Interference (T)
pain1_t	12	44.75783	5.89297	537.09402	40.12821	57.22222	Pain intensity (T)
PROPr	12	0.45617	0.23345	5.47400	0.09100	0.80900	PROPr (MAUT J Hanmer, Sept 2017)

The CORR Procedure

Pearson Correlation Coefficients, N = 12 Prob > |r| under H0: Rho=0							
	ph29_t	mh29_t	phy4a_t	painav_t	social4a_t	fatig4a_t	slpd4a_t
ph29_t PROMIS29 v2.0 PH summary (T)	1.00000 0.0023	0.78800 0.0023	.	-0.54464 0.0671	0.95052 <.0001	-0.38221 0.2202	-0.62027 0.0314
mh29_t PROMIS29 v2.0 MH summary (T)	0.78800 0.0023	1.00000	.	-0.33847 0.2819	0.74120 0.0058	-0.85754 0.0004	-0.70766 0.0100
phy4a_t Physical Function (T)	.	.	.	.	.	.	.
painav_t pain composite (T)	-0.54464 0.0671	-0.33847 0.2819	.	1.00000	-0.26374 0.4075	-0.03927 0.9036	0.17916 0.5774
social4a_t Ability to Part in Soc Roles/Activ (T)	0.95052 <.0001	0.74120 0.0058	.	-0.26374 0.4075	1.00000	-0.39221 0.2073	-0.63241 0.0273
fatig4a_t Fatigue (T)	-0.38221 0.2202	-0.85754 0.0004	.	-0.03927 0.9036	-0.39221 0.2073	1.00000	0.52788 0.0777
slpd4a_t Sleep Disturbance (T)	-0.62027 0.0314	-0.70766 0.0100	.	0.17916 0.5774	-0.63241 0.0273	0.52788 0.0777	1.00000
emot_t anxiety/dep composite (T)	-0.62220 0.0307	-0.77901 0.0028	.	0.69542 0.0120	-0.42699 0.1662	0.57772 0.0492	0.31754 0.3145
anx4a_t Anxiety/Fear (T)	-0.25299 0.4276	-0.61407 0.0337	.	0.52533 0.0794	-0.04494 0.8897	0.65377 0.0211	0.17311 0.5906
dep4a_t Depression/Sadness (T)	-0.73178 0.0068	-0.59091 0.0430	.	0.55251 0.0625	-0.64296 0.0241	0.22121 0.4896	0.32532 0.3022
pain4a_t Pain Interference (T)	-0.37274 0.2327	-0.04892 0.8800	.	0.80223 0.0017	-0.15471 0.6312	-0.29076 0.3592	0.21011 0.5122
pain1_t Pain intensity (T)	-0.53832 0.0710	-0.46539 0.1273	.	0.90401 <.0001	-0.27915 0.3796	0.15015 0.6414	0.11444 0.7232
PROPr PROPr (MAUT J Hanmer, Sept 2017)	0.57720 0.0494	0.69555 0.0120	.	-0.40085 0.1966	0.48710 0.1082	-0.57270 0.0516	-0.70595 0.0103

The CORR Procedure

Pearson Correlation Coefficients, N = 12 Prob > |r| under H0: Rho=0						
	emot_t	anx4a_t	dep4a_t	pain4a_t	pain1_t	PROPr
ph29_t PROMIS29 v2.0 PH summary (T)	-0.62220 0.0307	-0.25299 0.4276	-0.73178 0.0068	-0.37274 0.2327	-0.53832 0.0710	0.57720 0.0494
mh29_t PROMIS29 v2.0 MH summary (T)	-0.77901 0.0028	-0.61407 0.0337	-0.59091 0.0430	-0.04892 0.8800	-0.46539 0.1273	0.69555 0.0120
phy4a_t Physical Function (T)	.	.	.	.	.	.
painav_t pain composite (T)	0.69542 0.0120	0.52533 0.0794	0.55251 0.0625	0.80223 0.0017	0.90401 <.0001	-0.40085 0.1966
social4a_t Ability to Part in Soc Roles/Activ (T)	-0.42699 0.1662	-0.04494 0.8897	-0.64296 0.0241	-0.15471 0.6312	-0.27915 0.3796	0.48710 0.1082
fatig4a_t Fatigue (T)	0.57772 0.0492	0.65377 0.0211	0.22121 0.4896	-0.29076 0.3592	0.15015 0.6414	-0.57270 0.0516
slpd4a_t Sleep Disturbance (T)	0.31754 0.3145	0.17311 0.5906	0.32532 0.3022	0.21011 0.5122	0.11444 0.7232	-0.70595 0.0103
emot_t anxiety/dep composite (T)	1.00000	0.79633 0.0019	0.74973 0.0050	0.22519 0.4816	0.86690 0.0003	-0.44492 0.1472
anx4a_t Anxiety/Fear (T)	0.79633 0.0019	1.00000	0.19676 0.5399	0.25568 0.4225	0.59359 0.0419	-0.56130 0.0576
dep4a_t Depression/Sadness (T)	0.74973 0.0050	0.19676 0.5399	1.00000	0.08529 0.7921	0.75579 0.0045	-0.10711 0.7404
pain4a_t Pain Interference (T)	0.22519 0.4816	0.25568 0.4225	0.08529 0.7921	1.00000	0.46999 0.1231	-0.48644 0.1088
pain1_t Pain intensity (T)	0.86690 0.0003	0.59359 0.0419	0.75579 0.0045	0.46999 0.1231	1.00000	-0.24432 0.4441
PROPr PROPr (MAUT J Hanmer, Sept 2017)	-0.44492 0.1472	-0.56130 0.0576	-0.10711 0.7404	-0.48644 0.1088	-0.24432 0.4441	1.00000