

Supplementary material - Table 1.

Correlations between the relative change variable and questionnaires subscales – Study 1

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1. Relative change variable	1.00	.21~	.63**	.26*	.44**	.17	.09	-.15	-.18	-.23*	-.29*	.03	-.17	-.20	-.14	-.33**	.002	-.39**	.06
2. Empathy (pain)-Passive observation condition	-	1.00	.85**	.25*	.40**	.19	-.10	-.24*	-.04	-.07	-.15	-.03	-.05	-.22*	-.10	-.15	.14	-.29*	-.18
3. Empathy (pain)-Actively Empathize Condition	-	-	1.00	.36**	.52**	.27*	-.09	-.28*	-.14	-.14	-.28*	-.03	-.14	-.26*	-.23*	-.21	.10	-.38**	-.12
4. IRI-Perspective taking	-	-	-	1.00	.48**	-.08	-.14	-.27*	-.24*	.03	-.24*	-.07	-.19	-.27*	-.45**	-.38**	-.03	-.43**	.05
5. IRI-Empathic concern	-	-	-	-	1.00	.19	.09	-.25*	-.07	-.09	-.34**	-.16	.02	-.33**	-.28*	-.48**	-.09	-.75**	-.06
6. IRI-Fantasy	-	-	-	-	-	1.00	-.001	-.15	.03	.01	-.22~	-.32**	.01	-.12	-.38**	-.13	.12	-.22~	-.15
7. IRI-Personal distress	-	-	-	-	-	-	1.00	.26*	.23*	-.23*	.18	.32**	.39**	.49**	.16	-.13	-.34**	-.12	-.10
8. QA-Social skills	-	-	-	-	-	-	-	1.00	.59**	.06	.54**	.33**	.29*	.35**	.26*	.05	-.29*	.26*	-.14
9. QA-Attention switching	-	-	-	-	-	-	-	-	1.00	.01	.37**	.21	.18	.28*	.24*	.07	-.31**	.20	-.02
10. QA-Attention to details	-	-	-	-	-	-	-	-	-	1.00	.13	-.22~	.06	-.08	-.25*	.26*	.32**	.07	.25*
11. QA-Communication	-	-	-	-	-	-	-	-	-	-	1.00	.35**	.41**	.35**	.23*	.22*	-.10	.34**	.02
12. QA-Imagination	-	-	-	-	-	-	-	-	-	-	-	1.00	.17	.31**	.24*	.01	-.31**	.22*	-.16
13. TAS-Diff. identifying feelings	-	-	-	-	-	-	-	-	-	-	-	-	1.00	.62**	.16	.18	.06	.05	.05
14. TAS-Diff. describing feelings	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	.36**	.19	-.19	.26*	-.08
15. TAS-Externally oriented thinking	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	.10	-.09	.32**	-.10
16. SRP-Interpersonal manipulation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	.29*	.61**	.18
17. SRP-Erratic lifestyle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	.03	.28*
18. SRP-Callous affect	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	.11
19. SRP-Criminal tendencies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00
<i>Mean</i>	.16	57.66	64.06	18.76	19.92	19.17	10.32	2.24	3.85	5.14	1.898	2.51	17.36	14.47	17.02	42.66	43.17	34.37	30.79 ₆
<i>SD</i>	.31	22.97	23.81	4.93	5.30	5.82	5.21	2.16	1.94	2.13	1.82	1.88	5.25	5.14	4.14	8.06	8.73	8.18	4.08

* $p < 0.05$; ** $p < 0.01$; ~ $p = 0.05$

Supplementary material – Table 2.

Correlations between the relative change variable and questionnaires subscales – Study 2

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1. Relative change variable	1.00	-.41**	.13	-.08	-.07	.07	.04	.07	-.07	-.17	.13	.05	.02	-.07	-.11	-.03	.09	.09	.007
2. Empathy (pain)-Passive Observation Condition	-	1.00	.83**	.37**	.24*	.02	-.15	-.22~	-.12	.08	-.20	-.06	-.11	-.13	-.09	-.03	-.15	-.29*	.04
3. Empathy (pain) – Cognitive Load Condition	-	-	1.00	.37**	.22~	.09	-.17	-.21	-.13	.01	-.19	-.08	-.13	-.18	-.19	.001	-.10	-.28*	.02
4. IRI-Perspective taking	-	-	-	1.00	.53**	.37**	.01	-.20	-.03	.12	-.38**	-.44**	-.13	-.20	-.60**	-.27*	-.26*	-.48**	-.23*
5. IRI-Empathic concern	-	-	-	-	1.00	.54**	.16	-.29*	-.18	-.05	-.30*	-.46**	-.03	-.35**	-.59**	-.25*	-.10	-.58**	-.08
6. IRI-Fantasy	-	-	-	-	-	1.00	.28*	-.03	.11	-.13	-.18	-.53**	.21	-.18	-.59**	-.04	-.19	-.42**	.002
7. IRI-Personal distress	-	-	-	-	-	-	1.00	.28*	.28*	-.35**	.22	-.11	.36**	-.08	-.13	-.24*	-.17	-.24*	.06
8. QA-Social skills	-	-	-	-	-	-	-	1.00	.33**	-.08	.55**	.29*	.16	.09	.23*	-.04	-.06	.06	-.01
9. QA-Attention switching	-	-	-	-	-	-	-	-	1.00	-.09	.40**	-.06	.22~	.07	-.001	.07	-.17	.12	.02
10. QA-Attention to details	-	-	-	-	-	-	-	-	-	1.00	-.01	-.002	.07	.24*	.14	.14	.11	.11	-.02
11. QA-Communication	-	-	-	-	-	-	-	-	-	-	1.00	.30*	.19	.19	.39**	.06	.11	.32**	.06
12. QA-Imagination	-	-	-	-	-	-	-	-	-	-	-	1.00	-.13	.16	.56**	.21	.28*	.32**	.12
13. TAS-Diff. identifying feelings	-	-	-	-	-	-	-	-	-	-	-	-	1.00	.49**	.08	-.05	.15	.07	.31*
14. TAS-Diff. describing feelings	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	.42**	.30*	.19	.35**	.14
15. TAS-Externally oriented thinking	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	.21	.18	.38**	.21
16. SRP-Interpersonal manipulation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	.36**	.44**	.16
17. SRP-Erratic lifestyle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	.45**	.34**
18. SRP-Callous affect	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	.23*
19. SRP-Criminal tendencies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00
Mean	.16	70.12	75.04	20.09	20.04	20.15	11.02	2.40	4.45	5.27	2.07	2.49	17.96	15.05	16.71	41.85	43.09	35.96	32.00
SD	.23	19.70	14.24	4.60	4.81	5.69	5.40	2.28	1.97	1.87	1.64	1.82	4.63	4.73	5.07	6.27	10.06	7.47	4.98

* $p < 0.05$; ** $p < 0.01$; ~ $p = 0.05$