

Table S7. Individual pre-test/post-test item-level analyses. FDR-adjusted p-values are reported because item-level analyses are exploratory.

Item	Block	n	Pre-test M $\pm$ SD	Post-test M $\pm$ SD	Δ [95% CI]	t	p	FDR-adjusted p	dz	Significance
<i>I pay attention to whether the place where I live may be affected by any natural hazard.</i>	General DRR self-awareness and risk awareness	49	3.76 $\pm$ 1.18	3.96 $\pm$ 0.96	0.20 [-0.15, 0.56]	1.15	0.255	0.331	0.16	ns
<i>I understand the social impacts caused by natural hazards.</i>	General DRR self-awareness and risk awareness	49	4.24 $\pm$ 0.75	4.22 $\pm$ 0.77	-0.02 [-0.27, 0.23]	-0.16	0.871	0.909	-0.02	ns
<i>I can analyse the causes of natural hazards.</i>	General DRR self-awareness and risk awareness	49	3.71 $\pm$ 0.87	3.88 $\pm$ 0.86	0.16 [-0.13, 0.46]	1.11	0.272	0.332	0.16	ns
<i>I can understand the losses and their magnitude caused by different types of hazards.</i>	General DRR self-awareness and risk awareness	49	3.94 $\pm$ 1.05	4.14 $\pm$ 0.89	0.20 [-0.13, 0.54]	1.24	0.222	0.325	0.18	ns
<i>I can mention several natural disasters that have occurred in Spain and their causes.</i>	General DRR self-awareness and risk awareness	49	3.98 $\pm$ 0.80	4.24 $\pm$ 0.72	0.27 [-0.04, 0.57]	1.73	0.091	0.200	0.25	ns
<i>I can understand whether the government invests in DRR policies.</i>	General DRR self-awareness and risk awareness	49	3.63 $\pm$ 0.97	3.82 $\pm$ 0.88	0.18 [-0.12, 0.49]	1.20	0.237	0.326	0.17	ns
<i>I can judge whether DRR measures are implemented according to the needs of each area.</i>	General DRR self-awareness and risk awareness	49	3.69 $\pm$ 0.96	3.73 $\pm$ 0.84	0.04 [-0.26, 0.35]	0.27	0.789	0.868	0.04	ns
<i>I regularly consult weather forecasts to evaluate the risks of extreme storms, floods, and heatwaves in my city.</i>	Protective-action judgements and preparedness behaviours	49	3.39 $\pm$ 1.24	3.80 $\pm$ 1.08	0.41 [0.03, 0.79]	2.16	0.036	0.112	0.31	ns
<i>I think I could escape in time if I saw a tsunami approaching from the beach.</i>	Protective-action judgements and preparedness behaviours	49	2.84 $\pm$ 1.23	3.02 $\pm$ 1.28	0.18 [-0.23, 0.60]	0.88	0.381	0.441	0.13	ns
<i>If I am at the beach and a very strong earthquake occurs, I would quickly flee to a high place.</i>	Protective-action judgements and preparedness behaviours	49	3.49 $\pm$ 1.32	3.47 $\pm$ 1.47	-0.02 [-0.38, 0.34]	-0.11	0.909	0.909	-0.02	ns
<i>If the seawater suddenly drops, I would not give it importance and would stay on the beach (reverse-coded).</i>	Protective-action judgements and preparedness behaviours	49	3.90 $\pm$ 1.19	4.31 $\pm$ 1.18	0.41 [0.06, 0.76]	2.34	0.024	0.090	0.33	ns
<i>In a flood, it is important to buy bottled water to brush my teeth and wash the dishes.</i>	Protective-action judgements and preparedness behaviours	49	3.22 $\pm$ 1.43	3.80 $\pm$ 1.37	0.57 [0.11, 1.03]	2.51	0.016	0.085	0.36	ns
<i>In a flood, it is safe to walk through the water if it only reaches my ankles (reverse-coded).</i>	Protective-action judgements and preparedness behaviours	49	3.96 $\pm$ 1.22	4.20 $\pm$ 1.14	0.24 [0.00, 0.49]	2.01	0.051	0.139	0.29	ns
<i>If there is a flood, I would go down to the garage to get my car out so that it does not get damaged (reverse-coded).</i>	Protective-action judgements and preparedness behaviours	49	4.35 $\pm$ 1.20	4.63 $\pm$ 0.91	0.29 [-0.08, 0.65]	1.57	0.123	0.209	0.22	ns
<i>In the event of an earthquake, I would evacuate via the elevator instead of the stairs because it is faster (reverse-coded).</i>	Protective-action judgements and preparedness behaviours	49	4.39 $\pm$ 1.19	4.90 $\pm$ 0.42	0.51 [0.21, 0.81]	3.42	0.001	0.028	0.49	*

Item	Block	n	Pre-test M ± SD	Post-test M ± SD	Δ [95% CI]	t	p	FDR-adjusted p	dz	Significance
If there is a heatwave, drinking soft drinks is an appropriate way to stay hydrated (reverse-coded).	Protective-action judgements and preparedness behaviours	49	3.71 ± 1.47	4.14 ± 1.24	0.43 [-0.02, 0.88]	1.91	0.062	0.151	0.27	ns
Heatwaves only affect older adults or people with underlying health issues (reverse-coded).	Protective-action judgements and preparedness behaviours	49	4.35 ± 1.25	4.61 ± 0.98	0.27 [-0.09, 0.62]	1.52	0.135	0.212	0.22	ns
During a heatwave, it is sufficient to drink liquids only when feeling thirsty (reverse-coded).	Protective-action judgements and preparedness behaviours	49	4.14 ± 1.14	4.57 ± 0.98	0.43 [0.09, 0.77]	2.56	0.014	0.085	0.37	ns
If I only see smoke without visible fire in a forest area, it is not necessary to alert the authorities (reverse-coded).	Protective-action judgements and preparedness behaviours	49	4.24 ± 1.25	4.76 ± 0.69	0.51 [0.14, 0.88]	2.80	0.007	0.081	0.40	ns
I know the emergency phone numbers and how to contact civil protection services.	Protective-action judgements and preparedness behaviours	49	3.80 ± 1.19	4.00 ± 1.06	0.20 [-0.05, 0.46]	1.61	0.115	0.209	0.23	ns
I have a family emergency plan that includes meeting points and emergency contacts.	Protective-action judgements and preparedness behaviours	49	2.35 ± 1.35	2.69 ± 1.40	0.35 [-0.07, 0.76]	1.67	0.101	0.202	0.24	ns
I have informed myself about whether the place where I live is a risk area for any natural hazard.	Protective-action judgements and preparedness behaviours	49	2.98 ± 1.18	3.41 ± 1.26	0.43 [0.06, 0.80]	2.32	0.024	0.090	0.33	ns

Note: Analyses were conducted with the matched sample (n = 49). Δ indicates the mean post-test minus pre-test difference. p-values are based on paired-samples t-tests; FDR-adjusted p-values are reported because item-level analyses were exploratory. dz refers to Cohen's within-subject effect size. Reverse-coded items were recoded so that higher scores indicate safer or more preventive DRR-related responses. ns = non-significant; pFDR < .05 was considered statistically significant.