

Supplementary Table 2. Result of items analysis of the disaster mental health competence scale (N=255)

Subscales	No.	Mean (SD)				Skewness	Kurtosis	Corrected item-total correlation	Cronbach's alpha if item deleted
		Min	Max	Mean	SD				
Competence in individual level									
1. Knowledge									
Understanding disaster	42	0	4	2.62	0.99	-0.60	0.00	0.606	0.951
	46	0	4	2.27	0.98	-0.26	-0.30	0.666	0.951
	54	0	4	1.94	1.23	0.06	-0.93	0.669	0.951
Tailored support	17	0	4	1.88	0.99	-0.13	-0.63	0.693	0.950
	30	0	4	2.25	1.02	-0.30	-0.40	0.718	0.950
	35	0	4	2.35	0.88	-0.34	0.26	0.765	0.950
2. Skill									
Problem solving	9	0	4	1.94	0.94	0.15	-0.30	0.717	0.950
	15	0	4	2.08	0.87	-0.19	0.12	0.675	0.951
	31	0	4	2.09	0.87	0.01	-0.32	0.752	0.950
Communication	5	0	4	2.05	0.92	-0.08	-0.10	0.712	0.950
	14	0	4	2.26	0.87	-0.36	-0.11	0.726	0.950
	45	0	4	2.31	0.93	-0.15	-0.21	0.699	0.950
Information sharing	4	0	4	1.32	0.93	0.72	0.50	0.587	0.951
	20	0	4	1.64	1.01	0.14	-0.67	0.599	0.951
	33	0	4	2.21	0.96	-0.15	-0.39	0.694	0.950
3. Attitude									
Calling	48	0	4	2.47	1.01	-0.41	-0.10	0.682	0.950
	49	0	4	3.00	0.81	-0.72	0.80	0.537	0.952
	50	0	4	2.93	0.85	-0.58	0.39	0.562	0.952
Ethic	12	0	4	3.20	0.85	-1.18	1.67	0.444	0.953
	37	1	4	3.23	0.77	-0.74	0.04	0.389	0.953
	53	0	4	3.50	0.75	-1.74	3.71	0.395	0.953
Qualification	13	0	4	2.53	0.85	-0.44	0.02	0.724	0.950
	18	0	4	2.54	0.90	-0.45	0.04	0.586	0.951
	27	0	4	2.58	0.89	-0.30	-0.32	0.662	0.951
Competence in organization level									
1. Team work									
Cooperation	35	0	4	3.01	0.74	-0.61	0.88	0.741	0.953
	23	0	4	2.84	0.74	-0.55	0.70	0.785	0.953
	39	1	4	2.98	0.69	-0.26	-0.07	0.733	0.953
Organization communication	43	0	4	2.65	0.80	-0.15	-0.19	0.668	0.954
	27	0	4	2.80	0.82	-0.41	0.43	0.707	0.954
	22	0	4	2.70	0.80	-0.33	0.21	0.711	0.954
Conflict management	33	0	4	2.68	0.84	-0.33	0.16	0.736	0.953
	32	0	4	2.74	0.79	-0.45	0.16	0.786	0.953
	17	0	4	2.77	0.73	-0.29	0.33	0.678	0.954
2. Network									
Disaster administration	28	0	4	2.36	1.02	-0.20	-0.38	0.713	0.954
	24	0	4	2.50	1.03	-0.39	-0.30	0.704	0.954
	31	0	4	2.58	0.92	-0.40	0.00	0.767	0.953
Linking local resources	21	0	4	2.00	1.06	-0.03	-0.73	0.594	0.956
	37	0	4	2.08	0.96	0.01	-0.27	0.605	0.955
	3	0	4	2.52	0.91	-0.53	0.23	0.708	0.954
3. Human resource management									
Leaderships	34	0	4	2.62	0.82	-0.25	0.04	0.769	0.953
	40	1	4	2.81	0.75	-0.12	-0.38	0.752	0.953
	18	1	4	2.74	0.72	-0.13	-0.21	0.720	0.954
Followship	5	0	4	3.09	0.78	-0.80	0.87	0.692	0.954
	2	0	4	2.90	0.75	-0.45	0.42	0.610	0.955
	4	0	4	3.24	0.80	-1.22	2.34	0.613	0.955
Additional items									
Knowledge_preventing burnout	28	0	4	2.66	0.94	-0.38	-0.32	0.610	0.951
	43	0	4	2.64	0.82	-0.47	0.18	0.649	0.951
	51	0	4	2.64	0.85	-0.40	0.32	0.689	0.951