

Additional file 5. Membership values (%) for each construct to each domain cluster defined in the cluster analysis.

(Values <1% removed; * Construct identified as duplicate in original framework; SPRI = Social / Professional Role and Identity, BaCa = Beliefs about Capabilities, BaCo = Beliefs about Consequences, Rein. = Reinforcement, Int. = Intentions, Opt. = Optimism, MADP = Memory, Attention, and Decision Processes, EC = Environmental Context and Resources, SI = Social Influences, Emot. = Emotion, BR = Behavioural Regulation, Moderators of IB gap = Moderators of Intention-Behaviour Gap)

Original Domain	Construct	Skills	SPRI	BaCa	Opt.	BaCo	Rein.	Int.	Goals	MADP	EC	SI	Emot.	BR
Knowledge	Knowledge	10.31	4.32	5.31	4.29	9.36	2.61	6.14	4.80	18.46	19.21	2.11	1.80	11.27
	Schemas	3.49	1.61	2.84	14.63	21.03	1.23	2.91	1.93	34.58	9.16		1.25	4.35
	Mindset			1.44	59.99	21.32		2.01		3.17	4.03		1.99	1.88
	Illness representations				5.32	85.12				2.60	2.49			
	Procedural knowledge	40.37	2.77	3.82	2.24	3.35	1.71	4.08	2.84	15.93	12.40	1.22	1.42	7.86
Skills	Skills	99.89												
	Competence	99.95												
	Ability	99.35												
	Skill assessment	98.32												
	Practice	13.78	1.44	1.64	1.47	1.34	2.31	6.49	3.45	12.29	11.15			43.21
	Skills development	93.55								1.68	1.10			1.86
	Interpersonal skills	92.61								1.38	1.69			
	Conflict	1.02	4.62	1.50	2.09	2.87	2.74	2.30	1.07	3.80	71.70	2.09		3.38
	Coping strategies	6.55	2.69	2.72	9.16	2.98	2.88	4.38	6.78	14.28	23.13	1.49	4.12	18.82
Social / Professional Role and Identity	Identity			1.80	87.43			1.11		1.44	2.62			1.18
	Professional identity		90.27							1.13	3.07			
	Professional boundaries*		94.28								2.54			
	Professional role*		96.13								1.39			
	Group identity*											99.81		
	Social identity*				1.81					1.73	2.55	87.77		1.26
	Social norms*											99.74		
	Group norms*											99.98		
	Alienation*											99.25		
Organisational commitment*		95.42								1.30				

Original Domain	Construct	Skills	SPRI	BaCa	Opt.	BaCo	Rein.	Int.	Goals	MADP	EC	SI	Emot.	BR
	Feedback						3.43		1.09	2.03	2.76			86.91
	Change management		89.32							1.18	4.27			1.34
Beliefs about Capabilities	Self efficacy			99.92										
	Control of behaviour	7.59	9.43	11.01	3.63	2.83	1.75	6.98	3.45	10.65	32.41	1.56	1.43	7.30
	Perceived competence			99.92										
	Self confidence			99.63										
	Professional confidence		8.53	78.56	1.10	1.02		1.35		1.53	4.23			1.07
	Empowerment	18.67	6.86	5.41	3.25	2.54	5.00	4.78	5.10	10.76	24.57	2.38	1.19	9.49
	Self-esteem			82.65	10.04					1.11	1.42			
	Perceived behavioural control			99.13										
	Optimism				99.93									
	Pessimism				99.54									
Beliefs about Consequences	Outcome expectancies						99.46							
	Anticipated regret*	1.68	2.06	1.92	11.20	17.83	6.33	6.07	3.51	14.66	21.53	1.49	2.48	9.22
	Appraisal	2.07	1.99	2.14	4.23	9.58	4.16	4.40	2.64	34.29	13.87	1.22	2.30	17.10
	Evaluation	1.80	1.42			1.00	2.00	1.39	1.24	11.59	4.58			72.65
	Review	1.16								3.49	1.74			89.50
	Consequents						87.80	1.41		1.24	3.21			2.81
	Attitudes						99.87							
	Contingencies						91.98				2.94			1.62
	Reinforcement						97.02							1.59
	Punishment						99.63							
	Incentives						99.82							
	Beliefs						99.87							
	Unrealistic optimism				96.72									
	Sensitisation		1.26		1.33		12.18	2.62	1.14	8.22	9.43			59.98
Salient events / critical incidents	1.42	1.56	1.85	6.81	4.93	2.96	3.25	2.43	7.88	59.15		1.18	5.64	

Original Domain	Construct	Skills	SPRI	BaCa	Opt.	BaCo	Rein.	Int.	Goals	MADP	EC	SI	Emot.	BR
	Social Pressure											99.90		
	Power	5.55	34.08	3.61	2.59	2.04	1.57	3.90	2.05	9.45	16.81	11.23	1.22	5.90
	Hierarchy		69.20					1.04		1.57	5.08	17.58		1.36
	Management commitment		98.00											
	Supervision		92.76								2.84			
	Intergroup Conflict		1.07								1.44	95.87		
	Champions / To champion	2.14	41.33	2.85	2.87	2.11	2.27	7.17	3.19	7.18	17.68	3.53	1.58	6.12
	Social comparisons											98.65		
	Crew resource management		91.79								3.59			
	Negotiation	3.08	23.01	1.98	2.74	2.16	4.13	4.50	5.30	8.01	26.48	5.07	1.38	12.15
	Learning									2.13	1.10			93.52
	Modelling	2.27	4.69	1.33	1.86	2.17	4.90	3.55	2.28	6.99	12.29	16.60	1.19	39.85
	Affect													98.32
	Stress													99.02
	Fear													99.38
	Burn-out													97.73
	Cognitive overload / tiredness	1.45	1.41	1.17	2.09	1.72		1.99	1.36	46.90	9.46		27.95	3.05
	Threat	1.72	3.38	2.15	11.47	8.24	7.49	4.26	1.92	9.12	28.64	2.28	13.69	5.64
	Positive / negative affect													99.25
	Anxiety													99.99
	Depression													99.96
	Implementation intention							5.07	87.44	1.27	1.74			2.07
	Action planning							2.34	89.06	1.36	1.87			2.72
	Self-monitoring							1.81	2.18	1.70	2.38			88.67
	Generating alternatives	5.20	1.66	1.39	1.29	1.11	1.73	2.28	6.68	14.53	14.60	1.07		47.73
	Moderators of the IB gap	1.76	2.46	1.55	3.25	2.07	6.44	25.25	19.37	5.10	23.67	1.36	1.07	6.64
	Project management		74.26		1.05			2.20	2.12	3.05	9.72			2.33

Original Domain	Construct	Skills	SPRI	BaCa	Opt.	BaCo	Rein.	Int.	Goals	MADP	EC	SI	Emot.	BR
Nature of the Behaviours	Barriers and facilitators	1.85	1.47	1.96	1.24	1.64	2.64	3.13	3.22	5.14	71.51			4.83
	Routine / automatic / habit	2.44	2.96	1.87	2.81	2.58	10.61	7.16	5.94	21.37	15.81	1.85	1.80	22.80
	Breaking habit	1.87	1.57	1.66	1.49	1.37	3.64	6.17	5.00	8.28	8.35			59.05
	Direct experience	1.04			1.07		2.50	1.54	1.19	5.27	7.78			76.75
	Past behaviour	2.37	2.58	2.01	3.27	5.12	13.37	10.42	4.72	13.24	20.70	1.35	1.46	19.37
	Representation of tasks	3.18	1.79	2.86	4.05	5.18	1.23	3.49	41.71	16.77	10.75			7.08
	Stages of change model		1.04		1.02	1.10	1.11	80.95	2.18	2.67	4.26			2.83