

Dataset belonging to the paper:

Generating Situation-based Motivational Feedback in a Post-Traumatic Stress Disorder E-health System

M.L. Tielman, M.A. Neerincx, W.P. Brinkman

Table 1. Categories and subcategories of statements

Category	What?	Subcategory	What?
Empathy	Show empathy, e.g. 'I'm glad you feel this way.'	Negatief	Say you feel bad/sorry, e.g. 'I'm sorry you feel this way'.
Note Work ethic	Note work of patient, e.g. 'You've been working very hard on your sessions'.		
Note PCL	Note scores from PCL, e.g. 'I see your scores have been rising'.	Dropping	e.g. 'Your scores are dropping'.
		Rising	e.g. 'Your scores are rising. e.g. 'There's little change in your scores.
		Stable	
Note trust	Note trust patient, e.g. 'You still have trust in the therapy'.	Low	e.g. 'I see you have little trust in the therapy'.
		High	e.g. 'I see you have trust in a good outcome'.
Future	Refer tot he future. E.g. 'You'll work on your memories coming sessions.'	PCL	Refer to scores in the future. E.g. 'In the rest of the therapy your complaints will lessen'.
Question	Question.	Why	Question of 'why' type. E.g. 'How come you feel this way?'
Give perspective	Put current situation into perspective. E.g. 'It's very normal that you feel this way. Many people in therapy feel like this'.		
Motivation	General motivating statements	Compliment	e.g. 'You're doing very well!'
		Go on like this	e.g. 'Keep going like this!'.
		It's going well	e.g. 'You're doing well!'
		Hold on	e.g. 'Hold on!'
		Good luck	e.g. 'Good luck!'
Together	Refer to doing things together. E.g. 'let's tackle this session together'.		
Psychoeducation	Refer to the rationale of treatment. E.g. ' You can always read back the rationale behind this therapy'.		
Tips	Tips, e.g. 'you can try to do a relaxation exercise before you start'.		
Contact	Mention contact with a care giver, e.g. 'You can always contact your therapist if you're not feeling well'.		

Table 2. Probabilities of a given category in a given situation, defined by PCL score and Trust

	PCL Trust	Dropping			Stable			Rising		
		High	Med.	Low	High	Med.	Low	High	Med.	Low
Category	Subcategory									
Contact		0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
Empathy		0.04	0.07	0.04	0.00	0.01	0.10	0.04	0.10	0.32
Motivation	Negative	0.00	0.01	0.04	0.00	0.01	0.08	0.04	0.08	0.30
		0.77	0.66	0.54	0.77	0.66	0.60	0.77	0.60	0.54
	Compliment	0.19	0.01	0.01	0.06	0.00	0.01	0.23	0.03	0.06
	Go on like this	0.31	0.14	0.07	0.07	0.03	0.00	0.00	0.01	0.00
	It's going well	0.06	0.06	0.04	0.13	0.09	0.06	0.02	0.04	0.02
	Hold on	0.03	0.11	0.06	0.08	0.22	0.32	0.11	0.15	0.27
	Good luck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Psychoeducation		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Give perspective		0.04	0.04	0.30	0.13	0.56	0.80	0.61	0.66	0.66
Together		0.01	0.07	0.05	0.07	0.13	0.13	0.13	0.13	0.13
Status		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tips		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Future		0.09	0.04	0.12	0.12	0.06	0.28	0.09	0.09	0.04
Question	PCL	0.09	0.00	0.09	0.09	0.06	0.16	0.09	0.09	0.03
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Why	0.01	0.01	0.03	0.01	0.01	0.00	0.00	0.02	0.02
Note work ethic		0.01	0.01	0.00	0.02	0.01	0.01	0.01	0.01	0.02
Note PCL		0.95	0.97	0.97	0.95	0.97	0.95	0.95	0.93	0.89
Note trust	Stable	0.00	0.00	0.00	0.94	0.95	0.93	0.00	0.00	0.00
	Dropping	0.89	0.93	0.93	0.08	0.11	0.11	0.05	0.00	0.02
	Rising	0.00	0.00	0.00	0.05	0.02	0.02	0.95	0.95	0.88
		0.18	0.41	0.48	0.23	0.23	0.23	0.23	0.34	0.18
	High	0.09	0.00	0.00	0.13	0.00	0.00	0.13	0.00	0.00
	Low	0.00	0.42	0.49	0.00	0.24	0.24	0.00	0.36	0.19

Table 3. Mean nr. of statements in a given answer per situation, defined by PCL score and Trust

PCL: Trust:	Dropping			Stable			Rising		
	High	Med.	Low	High	Med.	Low	High	Med.	Low
Mean Nr. statements	3.08	3.42	3.58	3.31	3.62	3.73	3.84	4.04	3.89