

Supplemental Material

S-TABLE 1: DEFINITION AND EXTRACTION OF VARIABLES

Variable	How Defined	Extraction Method
Age	Age in years at admission	Automated CRIS Search
Gender	As recorded in Electronic Medical Record	Automated CRIS search
Length of Admission	Total time from admission to discharge (in weeks). For those with a break between admissions (e.g. due to Covid-19) combined length of admissions to unit	Automated CRIS Search, correlated with admission and discharge dates in discharge documentation.
Comorbidity	As per NLP algorithm	Automated CRIS search corroborated through reading of the clinical notes
Level of Care on Admission	Assigned on Scale 1-4 with points assigned for -Receiving Disability Benefits -Use of Mobility Aids -Receiving assistance with ADLs from Carers -Receiving 24 hour care)	Manually extracted through Reading of Clinical Notes
Systemic Physical Symptoms	Patients completed IPQ-R measure at admission which asked them to indicate (Y/N) whether they had experienced Fatigue, Pain, Headaches, Sleep Disturbance, Bowel Disturbances, Nausea, Dizziness, Breathlessness since their illness	Manually Extracted from IPQ-R (self report measure)
Duration of symptoms (prior to admission)	Measured in Years	Manually extracted through Reading of Clinical Notes
Anxiety	STAI Scale.	Patient reported written measure
Depression	BDI-II.	Patient reported written measure
Self Rated Global Functioning	EQ-5D-5L score EQ-VAS.	Patient reported written measure
Overall Improvement/Primary outcome measure	CGI-I	Assigned by consultant following treatment.
Abuse History	No abuse=0, Sexual Abuse=1, Physical Abuse=2, Other Abuse=3	Manually extracted from Reading of Clinical Notes (Psychology and ward round records)
1 year Significant life event	Significant life event in the year prior to admission	Manually extracted from Reading of Clinical Notes (Psychology and ward round records)
Depersonalisation phenomena	Cambridge depersonalisation scale	Patient reported written measure
Physical functioning	Functional Mobility Scale	Assigned by physiotherapist, scores augmented by other physiotherapy outcome measures (Berg Balance Scale, TUG, timed 10m walk, distance walked over 6 metres, which were systematically measured at admission and discharge where possible).

S-TABLE 2
COMPLETION RATES OF OUTCOME MEASURES:

	Percentage Complete Admission (n=52)	Percentage Complete Discharge (n=52)
EQ-5D-5l	96%	85%
EQ-Vas	94%	83%
BDI-II	94%	81%
STAI	94%	83%
Berg Balance	63%	48%
TUG	56%	39%
10m Walk test	42%	34%
6 Minute Walk test	11%	12%
CDS	88%	79%
IPQ	94%	45%

Recorded reasons for missing measures: For two patients a note has been recorded stating that administering admission measures was not thought to be therapeutic. These were both patients who were finding it difficult to settle into the ward and were discharged after relatively short admissions. In addition, 6 patients self-discharged before staff had an opportunity to administer discharge measures. Where physiotherapy measures were missing, this was generally because of the severity of symptoms and heterogeneity in patient mobility (e.g. patients restricted to bed or wheelchair were not able to take part in walking tests).

Supplementary Table 3 – correlation matrix.

		Correlations																							
		CGI-I	Age	Number of Medications	Symptom Duration (years)	Sick Role	Functional Mobility Scale	IPQ Identity	IPQ Timeline	IPQ Consequences	IPQ Personal Control	IPQ Treatment Control	IPQ Coherence	IPQ Cyclical	IPQ Emotional Representations	IPQ Causes	CDS	BDI-II	STAI State	STAI Trait	BMI	EQS-SD-QL	EQVAS		
Spearman's rho	CGI-I	Correlation Coefficient																							
		Sig. (2-tailed)																							
	Age	Correlation Coefficient																							
		Sig. (2-tailed)																							
	Number of Medications	Correlation Coefficient																							
		Sig. (2-tailed)																							
	Symptom Duration (years)	Correlation Coefficient																							
		Sig. (2-tailed)																							
	Sick Role	Correlation Coefficient																							
		Sig. (2-tailed)																							
	Functional Mobility Scale	Correlation Coefficient																							
		Sig. (2-tailed)																							
	IPQ Identity	Correlation Coefficient																							
		Sig. (2-tailed)																							
	IPQ Timeline	Correlation Coefficient																							
		Sig. (2-tailed)																							
	IPQ Consequences	Correlation Coefficient																							
		Sig. (2-tailed)																							
	IPQ Personal Control	Correlation Coefficient																							
		Sig. (2-tailed)																							
	IPQ Treatment Control	Correlation Coefficient																							
		Sig. (2-tailed)																							
	IPQ Coherence	Correlation Coefficient																							
		Sig. (2-tailed)																							
	IPQ Cyclical	Correlation Coefficient																							
		Sig. (2-tailed)																							
	IPQ Emotional Representations	Correlation Coefficient																							
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	IPQ Causes	Correlation Coefficient																							
		Sig. (2-tailed)																							
	CDS	Correlation Coefficient																							
		Sig. (2-tailed)																							
	BDI-II	Correlation Coefficient																							
		Sig. (2-tailed)																							
	STAI State	Correlation Coefficient																							
		Sig. (2-tailed)																							
	STAI Trait	Correlation Coefficient																							
		Sig. (2-tailed)																							
	BMI	Correlation Coefficient																							
		Sig. (2-tailed)																							
	EQS-SD-QL	Correlation Coefficient																							
		Sig. (2-tailed)																							
	EQVAS	Correlation Coefficient																							
		Sig. (2-tailed)																							

*. Correlation is significant at the 0.05 level (2-tailed).
 **. Correlation is significant at the 0.01 level (2-tailed).

CGI-I: Clinical Global Impression Improvement Scale
 IPQ: Illness Perception Questionnaire
 CDS: Cambridge Depersonalisation Scale
 BDI-II: Beck's Depression Index
 STAI: Spielberger Trait Anxiety Inventory
 BMI: Body Mass Index
 EQS-SD-QL: EuroQol Quality of Life measure
 EQVAS: EuroQol Visual Analogue Scale