

Appendix 1

Pearson's correlations between single item outcome variables (*Patient safety grade (E1)* and *Number of events reported (G1)*) and HSPSC dimensions in two factor models.

A. Original 12-factor model				01	02	03	04	05	06	07	08	09	10	11
	Number of items	E1	G1 ⁺											
E1. Patient Safety Grade	1													
G1: Number of Events Reported	1	-0,04												
01. Teamwork within units	4	0,32**	0,08*											
02. Organizational learning	3	0,48**	0,02	0,45**										
03. Nonpunitive response to error	3	0,41**	-0,05	0,32**	0,38**									
04. Staffing	4	0,46**	-0,08*	0,26**	0,30**	0,42**								
05. Overall perceptions of safety	4	0,70**	-0,06*	0,37**	0,57**	0,46**	0,61**							
06. Supervisor/manager expectations/actions	4	0,41**	0,00	0,35**	0,47**	0,38**	0,32**	0,44**						
07. Frequency of event reporting	3	0,34**	0,14**	0,22**	0,39**	0,18**	0,14**	0,34**	0,28**					
08. Feedback and communication about error	3	0,43**	0,01	0,40**	0,61**	0,32**	0,22**	0,44**	0,50**	0,50**				
09. Communication openness	3	0,26**	0,06	0,38**	0,43**	0,35**	0,10**	0,28**	0,38**	0,36**	0,59**			
10. Hospital management support for patient safety	3	0,58**	-0,03	0,38**	0,55**	0,40**	0,47**	0,61**	0,39**	0,36**	0,49**	0,29**		
11. Teamwork across hospital units	4	0,43**	0,00	0,40**	0,43**	0,38**	0,32**	0,46**	0,33**	0,32**	0,42**	0,31**	0,54**	
12. Hospital handoffs and transitions	4	0,37**	0,03	0,32**	0,33**	0,31**	0,25**	0,36**	0,29**	0,25**	0,36**	0,35**	0,41**	0,60**
B. new 8-factor model				01	02	03	04	05	06	07	08	09	10	11
	Number of items	E1	G1 ⁺											
E1. Patient safety grade	1													
G1: Number of events reported	1	-0,04												
01. Teamwork within units	3	0,28**	0,09**											
02. Organizational learning [D]	-	-	-	-										
03. Nonpunitive response to error	3	0,41**	-0,05	0,30**	-									
04. Staffing	4	0,54**	-0,09**	0,24**	-	0,42**								
05. Overall perceptions of safety [D]	-	-	-	-	-	-								
06. Supervisor/manager expectations/actions	3	0,40**	0,01	0,30**	-	0,34**	0,31**	-						
07. Frequency of event reporting	3	0,34**	0,14**	0,20**	-	0,18**	0,19**	-	0,29**					
08. Feedback and communication about error	4	0,41**	0,03	0,38**	-	0,33**	0,24**	-	0,52**	0,50**				
09. Communication openness [D]	-	-	-	-	-	-	-	-	-	-				
10. Hospital management support for patient safety	3	0,58**	-0,03	0,32**	-	0,40**	0,51**	-	0,38**	0,36**	0,47**	-		
11. Teamwork across hospital units	5	0,42**	0,00	0,36**	-	0,40**	0,37**	-	0,31**	0,31**	0,40**	-	0,54**	
12. Hospital handoffs and transitions [D]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n=974, except for G1.														
⁺ n=952 for the variable G1: Number of Events Reported.														
*P < 0.05; **P < 0.01.														
[D] Dimension is removed from the model (colored in dark gray).														