17 Factor loadings for two and three-factor analyses of WHQ data (B6)

Table 17.1: Factor loadings for a three-factor model, ml method of estimation, unrotated (Phase A data only, patient self-assessment)

Item		Patient self-assessment (n=201)		
		Factor 1	**Factor 2**	**Factor 3**
	Eigenvalue	3.92	1.79	0.96
	Proportion of the variance	0.5877	0.2683	0.1439
1	Was there redness spreading away from the wound? (erythema/cellulitis)	0.2896	0.4564	0.0724
2	Was the area around the wound warmer than the surrounding skin?	0.1267	0.2983	0.2885
3	Was any part of the wound leaking fluid?	1.0000	-0.0000	-0.0000
3a	Was it clear fluid? (serous exudate)	0.5465	-0.0046	0.1192
3b	Was it blood-stained fluid? (haemoserous exudate)	0.7366	0.1735	0.0138
3c	Was it thick and yellow/green fluid (pus/purulent exudate)	0.4877	-0.0211	-0.0024
4	Have the edges of any part of the wound separated/gaped open on their own accord? (spontaneous dehiscence)	0.4973	0.1807	0.2473
4b	Did the deeper tissue separate?	0.3748	0.3580	0.3553
5	Has the area around the wound become swollen?	0.0651	0.3232	0.1771
6	Has the wound been smelly?	0.3911	0.1349	0.2796
7	Has the wound been painful to touch?	0.1542	0.3286	0.3021
8	Have you had, or felt like you have had, a raised temperature or fever? (fever $<38^{\circ}$C)	0.1896	0.2455	0.1583

		Patient self-assessment (n=201)		
		Factor 1	**Factor 2**	**Factor 3**
9	Have you sought advice because of a problem with your wound, other than at a routine planned follow-up appointment?	0.5082	0.2573	-0.0303
10	Has anything been put on the skin to cover the wound? (dressing)	0.3780	0.1142	-0.0231
11	Have you been back into hospital for treatment with a problem with your wound?	0.4123	0.4572	-0.4323
12	Have you been given antibiotics for a problem with you wound?	0.5387	0.4339	-0.2726
13	Have the edges of your wound been deliberately separated by a doctor or nurse?	0.2675	0.4832	0.2198
14	Has your wound been scraped or cut to remove any unwanted tissue? (debridement of wound)	0.1929	0.4096	-0.3493
15	Has your wound been drained? (drainage of pus/abscess)	0.4123	0.3658	0.1087
16[†]	Have you had an operation under general anaesthetic for treatment of a problem with your wound?	-	-	-

[†] Model dropped this item because of collinearity

Table 17.2: Factor loadings for a three-factor model, ml method of estimation, unrotated (Phase A data, observer assessment)

		Observer assessment (n=290)		
		Factor 1	Factor 2	Factor 3
	Eigenvalue	4.06	2.01	1.03
Item	**Proportion of the variance**	0.5713	0.2833	0.1455
1	Was there redness spreading away from the wound? (erythema/cellulitis)	0.7953	0.5143	-0.4552
2	Was the area around the wound warmer than the surrounding skin?	0.3657	0.6071	-0.3791
3	Was any part of the wound leaking fluid?	1.0000	-0.0000	-0.0000
3a	Was it clear fluid? (serous exudate)	0.5664	-0.1378	0.0327
3b	Was it blood-stained fluid? (haemoserous exudate)	0.6646	0.0852	-0.0489
3c	Was it thick and yellow/green fluid (pus/purulent exudate)	0.5951	0.3056	-0.0995
4	Have the edges of any part of the wound separated/gaped open on their own accord? (spontaneous dehiscence)	0.5481	0.5348	0.4237
4b	Did the deeper tissue separate?	0.3683	0.4743	0.4818
5	Has the area around the wound become swollen?	0.1792	0.3324	-0.2812
6	Has the wound been smelly?	0.2689	0.1619	0.0061
7	Has the wound been painful to touch?	0.2364	0.2194	-0.1311
8	Have you had, or felt like you have had, a raised temperature or fever? (fever <38°C)	0.2461	0.3673	0.1335
9	Have you sought advice because of a problem with your wound, other than at a routine planned follow-up appointment?	0.4418	0.3285	-0.0030
10	Has anything been put on the skin to cover the wound? (dressing)	0.4716	0.1414	-0.0060

		Observer assessment (n=290)		
		Factor 1	Factor 2	Factor 3
11	Have you been back into hospital for treatment with a problem with your wound?	0.2559	0.1930	0.2606
12	Have you been given antibiotics for a problem with you wound?	0.4910	0.4223	-0.0412
13	Have the edges of your wound been deliberately separated by a doctor or nurse?	0.3593	0.1417	0.1633
14	Has your wound been scraped or cut to remove any unwanted tissue? (debridement of wound)	0.0058	0.0710	0.1618
15	Has your wound been drained? (drainage of pus/abscess)	0.2232	0.2429	0.1423
16[†]	Have you had an operation under general anaesthetic for treatment of a problem with your wound?	-	-	-

[†] Model dropped this item because of collinearity