

Additional file 1: Psychometric properties of USEME instrument according to Spruijt et al.

Factors	Items	Rotated factor loadings				Eigenvalues % of variance	
		F1	F2	F3	F4		
F1) Teacher	The teacher explained the topics clearly	.81	.13	.01	-.10	6.76	35.6
	The teacher had sufficient expertise on the seminar topic to facilitate the seminar group	.69	.06	-.06	-.11		
	The teacher gave useful feedback on my activities	.66	-.06	.05	.14		
	The teacher guided us through the questions in an adequate manner	.82	.06	.00	-.10		
	The teacher adapted the seminar to students' knowledge levels	.69	-.02	.00	.11		
	The teacher stimulated us to use our prior knowledge to answer the questions	.68	.04	-.02	.05		
	The teacher created a safe learning environment during the seminar	.66	-.11	.01	.02		
	My overall rating of teacher performance is	.80	.00	-.00	-.04		
F2) Content	The relevance of the questions for the field of veterinary medicine is sufficiently clear to me	-.16	.73	-.08	.06	2.42	12.8
	This seminar was well structured	.17	.44	.02	.00		
	This seminar stimulated my interest in the subject matter	.05	.66	.01	.05		
	This seminar has increased my understanding of the subject	.14	.64	.03	-.05		
	In this seminar it has become clear to me that the content of this seminar is important within the field of veterinary medicine	-.01	.74	.04	.04		
F3) Extent of preparation	To what extent did you prepare for this seminar	-.01	-.04	.75	-.04	1.68	8.9
	Before the seminar I thought I was prepared sufficiently to be able to participate actively	.01	-.01	.95	.02		
	After the seminar I thought I had prepared sufficiently to be able to participate actively	-.02	.04	.72	.02		
F4) Group interaction	The questions stimulated group discussion sufficiently	-.07	.20	-.00	.69	1.28	6.7
	The structure of the seminar encouraged interaction between students	-.01	-.01	.01	.82		
	The teacher stimulated group discussion	.47	-.14	-.04	.48		