Supplement 11 Results of the analyses of the influence of possible factors on the subjective assessment of competence and objective test results

Time-point	**Item**	**Mean ± SD in Group YES**	**Mean ± in Group NO**	**p-Value**
		Already performed echocardiography independently		
T1	Total score ability self-assessment	3.3 ± 0.9	3.3 ± 1.0	0.85
T2	Total score DOPS^{inter}	50.5 ± 15.3	50.8 ± 16.8	0.95
T1	Total score Theory^{pre}	25.1 ± 5.5	22.6 ± 6.0	0.02
		Experience with echocardiography teaching media		
T1	Total score ability self-assessment	3.4 ± 0.9	0.5 ± 0.9	0.53
T2	Total score DOPS^{inter}	53.8 ± 15.9	49.3 ± 15.9	0.18
		Ultrasound courses already completed		
T1	Total score ability self-assessment	3.3 ± 1.0	3.23 ± 0.9	0.58
T2	Total score DOPS^{inter}	49.8 ± 17.0	51.1 ± 15.3	0.69
T1	Total score Theory^{pre}	26.2 ± 5.9	22.6 ± 5.4	<0.001
		Previous experience with imaging (ultrasound)		
T1	Total score ability self-assessment	3.4 ± 0.9	3.1 ± 0.9	0.07
T2	Total score DOPS^{inter}	52.2 ± 16.9	48.9 ± 14.7	0.29
T1	Total score Theory^{pre}	25.5 ± 5.8	22.2 ± 5.4	<0.001
		Practical training before the course		
T2	Total score ability self-assessment	4.8 ± 0.6	4.1 ± 0.9	<0.001
T2	Total score DOPS^{inter}	56.3 ± 16.1	48.8 ± 15.5	0.04
T2	Total score Theory^{inter}	62.0 ± 14.1	57.6 ± 15.1	0.17
T1-2	Total Delta score Theory^{pre} - Theory^{inter}	39.5 ± 11.4	33.2 ± 13.8	0.02
T1-2	Total Delta score ability self-assessment$^{pre-inter}$	1.4 ± 0.9	0.9 ± 0.9	0.007
	Item	**<4 Hours MW ±SD**	**>4 Hours MW ±SD**	
		Use of teaching materials		
T2	Total score ability self-assessment	4.2 ± 0.8	4.6 ± 0.9	0.09
T2	Total score DOPS^{inter}	47.3 ± 13.4	60.3 ± 18.7	0.002
T2	Total score Theory^{inter}	56.9 ± 15.2	64.0 ± 13.0	0.02
T1-2	Total Delta score Theory^{pre} - Theory^{inter}	33.0 ± 13.5	39.9 ± 12.0	0.01
T1-2	Total Delta score ability self-assessment$^{pre-inter}$	1.0 ± 0.9	1.2 ± 1.1	0.27