

Supplement 2.b. Comparison of the different groups in terms of performance score, procedure time and number of errors of Pattern Cut at test time T1-T5.

Test Time	P-Score		Time		Errors	
	Group I vs. Group II (p-value)	Group II vs. Group IV (p-value)	Group I vs. Group II (p-value)	Group II vs. Group IV (p-value)	Group I vs. Group II (p-value)	Group II vs. Group IV (p-value)
T1	0.932	0.41	1	1	0.63	0.478
T2	0.347	0.671	1	1	0.63	0.671
T3	0.755	0.977	1	1	0.932	0.242
T4	0.932	0.887	1	1	0.671	0.59
T5	0.843	0.713	1	1	0.06	0.59

For P-Score and number of errors Mann-Whitney-U-Test was used. For procedure time one-way ANOVA was used. Group I: 2D visualization with straight instruments. Group II: 2D visualization with curved instruments. Group IV: 3D visualization with curved instruments. Significance level was set at $p < 0.05$ and highlighted bold. P-Score: Performance score.