

Supplement 4.b. Comparison of the different groups in terms of performance score and procedure time of transfer task at test time T1-T5.

Test Time	P-Score		Time	
	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	0.291	0.128	1	1
T2	0.932	0.731	1	1
T3	0.078	0.006	1	1
T4	0.843	0.039	1	1
T5	0.713	0.024	1	1

For P-Score 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.