

# Visual Quality Assessment of 3D Models: on the Influence of Light-Material Interaction

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## Statistical significance: detailed p-values for Fig. 8

Pairwise t-test (Bonferroni-corrected) between all metrics (using bootstrapped Spearman correlation) for both datasets. Methods are ranked according to their correlation performance in descending order. For each method (on top of each column) we list below the remaining ones with corresponding p-values. We highlight the latter in gray if the improvement is statistically significant.

Synthetic data						Acquired data					
	CID	SSIM	HDRVDP2	Ours	MSDM2		CID	Ours	HDRVDP2	SSIM	MSE
SSIM	1.000	-	-	-	-	Ours	1.000	-	-	-	-
HDRVDP2	0.161	1.000	-	-	-	HDRVDP2	1.000	1.000	-	-	-
Ours	<2e-16	<2e-16	<2e-16	-	-	SSIM	4e-04	9e-04	9e-04	-	-
MSDM2	<2e-16	<2e-16	<2e-16	<2e-16	-	MSE	<2e-16	<2e-16	<2e-16	<2e-16	-
MSE	<2e-16	<2e-16	<2e-16	<2e-16	0.002	MSDM2	<2e-16	<2e-16	<2e-16	<2e-16	<2e-16