

Table 1: Metrics used for comparison between simulated dose (ground truth) and reconstructed one with each method. Case study: SOB reconstruction in the slab phantom, several energy contributions considered. List of metrics: NRMSE = Normalized Root Mean Squared Error; $\Delta R_{\%}$ = difference of the positions (in mm) of the % the dose maximum in the distal fall-off region between the simulated and reconstructed curves.

Metric	Deconvolution	Evolutionary	MLEM
NRMSE	0.059	0.057	0.035
ΔR_{80}	0.88	0.76	0.86
ΔR_{50}	0.22	0.29	0.49
ΔR_{10}	-0.20	-0.20	0.31