



Figure S7. A representative case of large pelvic chordoma demonstrating an evaluation of robustness with respect to range (density $\pm 3.5\%$) and setup uncertainties [± 5 mm shifts in antero-posterior (AP), supero-inferior (SI) and right and left (RL)] for $D_{RBE|LEM-I}$, $D_{RBE|mMKM}$ distribution. (a–d) Distally-patched plan shows compromise in LEM-I target coverage for HD-CTV for antero-posterior shifts. (e–h) Distally-patched plan shows slight compromise in mMKM target coverage for HD-CTV for antero-posterior shifts and range uncertainties.