

Fig. 2. Vol2Flow accuracy and uncertainty variation as function of distance from annotated slice A. Comparative analysis of variability in DSC and uncertainty metrics relative to the distance from the annotated slice when using **MC dropout** (dataset: CHAOS). Performance metrics (B) **DSC**, (C) **surface dice** and (D) **uncertainty** for all UQ Methods, relative to the distance from the annotated slice.

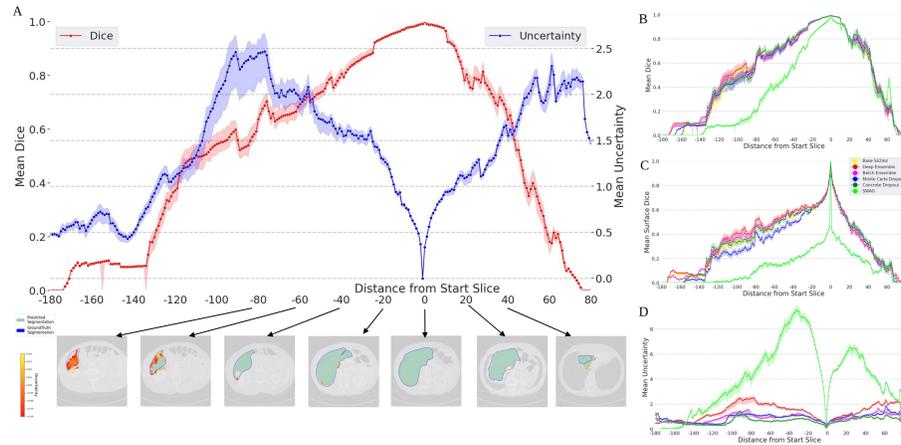


Fig. 3. Sli2Vol accuracy and uncertainty variation as function of distance from annotated slice A. Comparative analysis of variability in DSC and uncertainty metrics relative to the distance from the annotated slice when using **concrete dropout** (dataset: SLiver07). Performance metrics (B) **DSC**, (C) **surface dice** and (D) **uncertainty** for all UQ Methods, relative to the distance from the annotated slice.

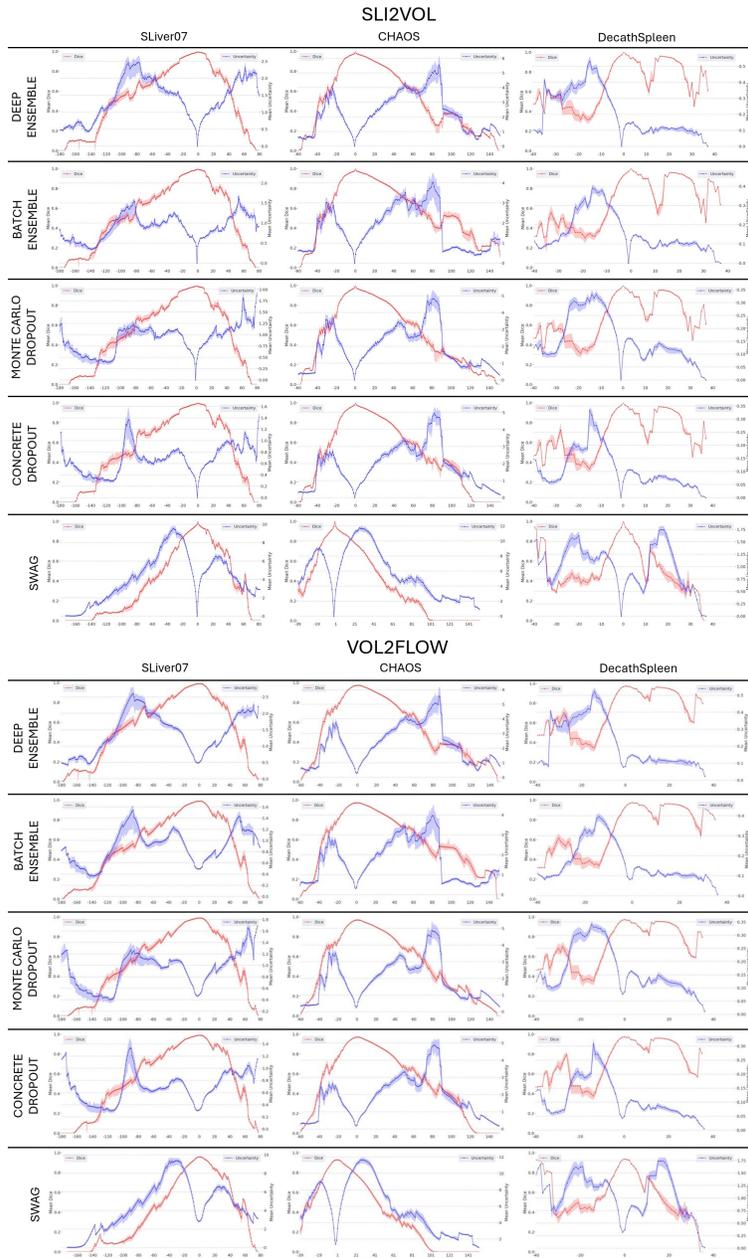


Fig. 4. Comparative analysis of variability in DSC and uncertainty metrics relative to the distance from the annotated slice This figure presents a comparison of DSC variability and uncertainty metrics across each slice propagation method, dataset, and UQ method. A consistent trend is observed across all categories. Supplementary GIFs are provided to visually demonstrate the progression of predicted segmentations and associated uncertainties through a volume.