Prognostic Value of Combined Visualization of MR Diffusion and Perfusion Maps in Glioblastoma

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Fig. S1

Model of glioblastoma growth patterns

(a) CBV growth group with perfusion front (CBV$_{\text{max}}$, green) in the periphery and invasion front (ADC$_{\text{min}}$, blue) closer to tumor core (central necrosis, brown).

(b) BI growth group with large proportion of intersection (red), i.e. a large spatial overlap of CBV$_{\text{max}}$ and ADC$_{\text{min}}$.

(c) ADC growth group with invasion front (ADC$_{\text{min}}$, blue) in the periphery and perfusion front (CBV$_{\text{max}}$, green) closer to tumor core (central necrosis, brown).