

Figure S1. 3-step process of the semi-automatic delineation tool (SADT): Step 1: manual input delineates roughly the region of interest, Step 2: two masks are created based on criteria of high DWI intensity and low ADC, Step 3: overlap between the masks from step 2 defines the resulting VTV. In this example, the manual mask was defined by the non-radiologist. The image is transaxial and has been cropped to a size of (92.8x92.8) mm<sup>2</sup>. Note that semi-automatic delineation is performed on 3D images.