

Supplementary Figures

Article details:

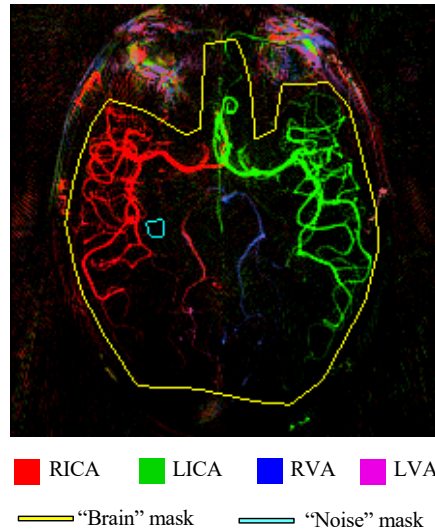
Title: The advantages of radial trajectories for vessel-selective dynamic angiography with arterial spin labeling

Journal: *Magnetic Resonance Materials in Physics, Biology and Medicine*

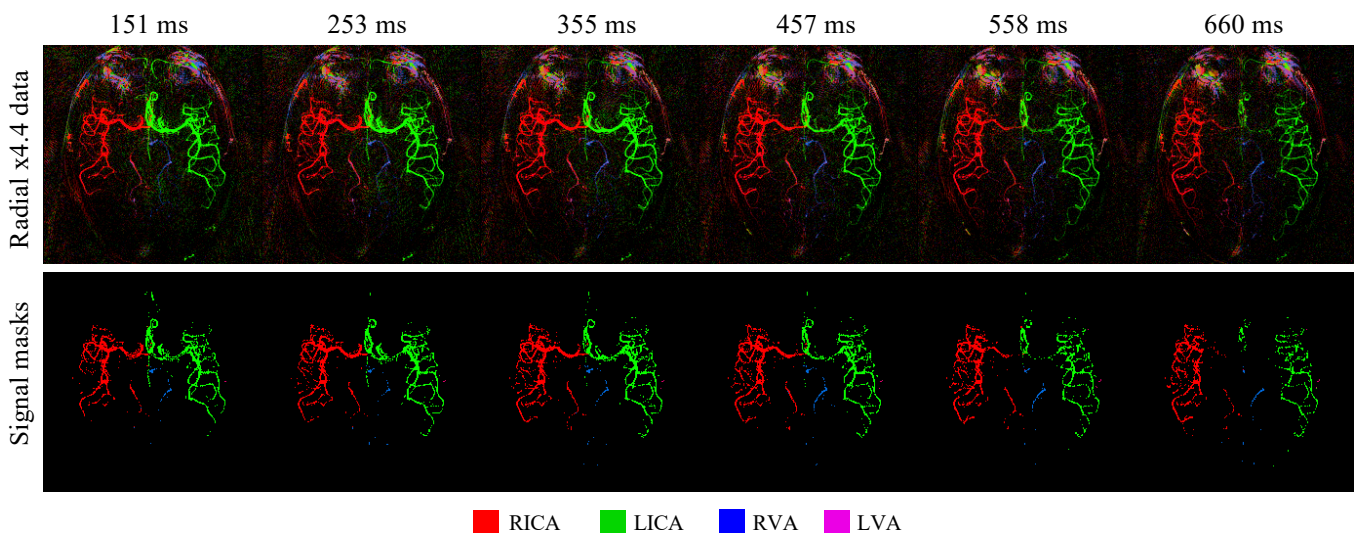
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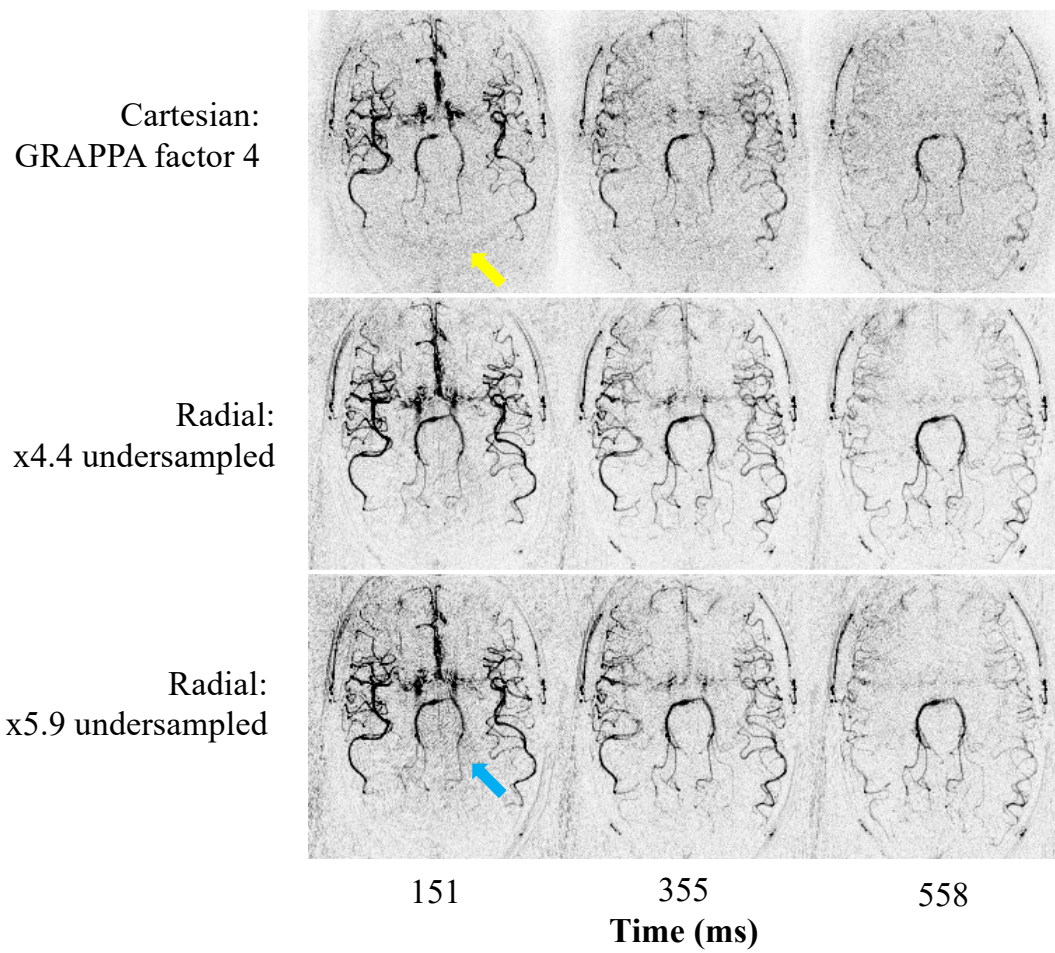
*Email: tokell@fmrib.ox.ac.uk



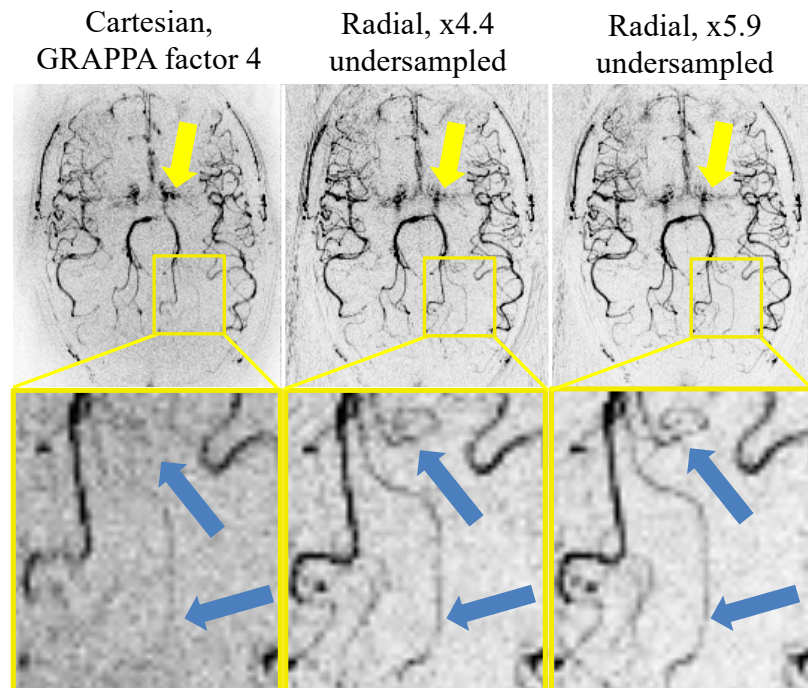
Supplementary Figure 1: Example masks used for SNR calculations overlaid on a 2D temporal mean data set. The brain mask (outlined in yellow) is used to exclude the scalp and eyes to avoid artifacts interfering with the SNR calculation. The small noise mask (outlined in cyan) is placed close to the arteries of interest near the centre of the brain, but avoiding any vessel signal.



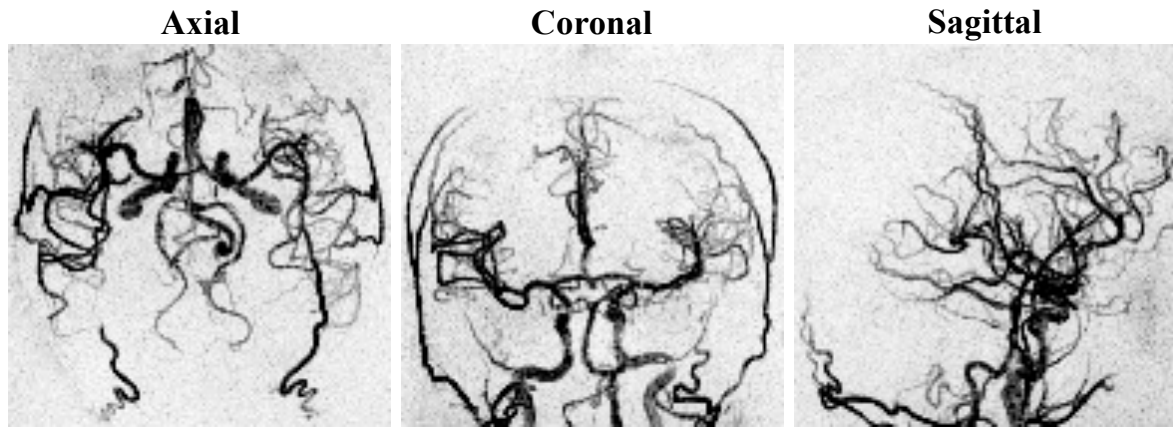
Supplementary Figure 2: Example frames from a 2D radial x4.4 undersampled data set (top) along with the signal masks used for the SNR calculation within each corresponding frame (bottom). Note that the signal masks have been color-coded in the same way as the data: only signal from the dominant arterial component in each of these voxels is used for the SNR calculation.



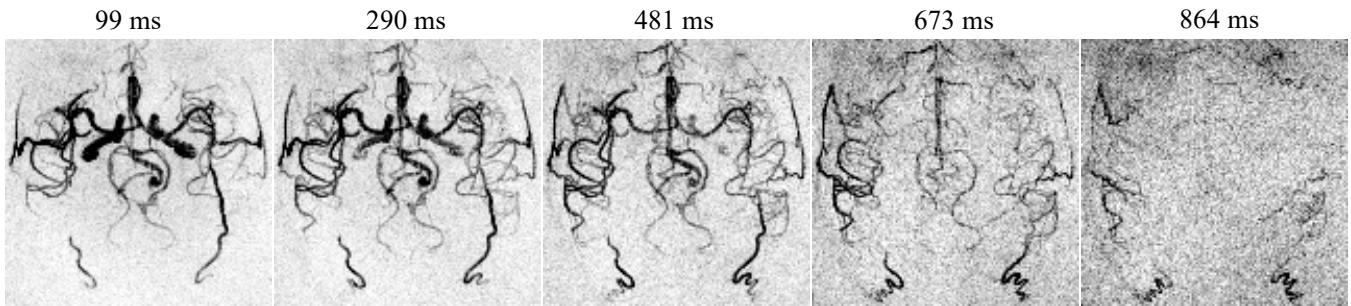
Supplementary Figure 3: Inverted grayscale version of Figure 3.



Supplementary Figure 4: Inverted grayscale version of Figure 4a.



Supplementary Figure 5: Inverted grayscale version of Figure 5.



Supplementary Figure 6: Inverted grayscale version of Figure 6.