

Supplementary Figure S2:

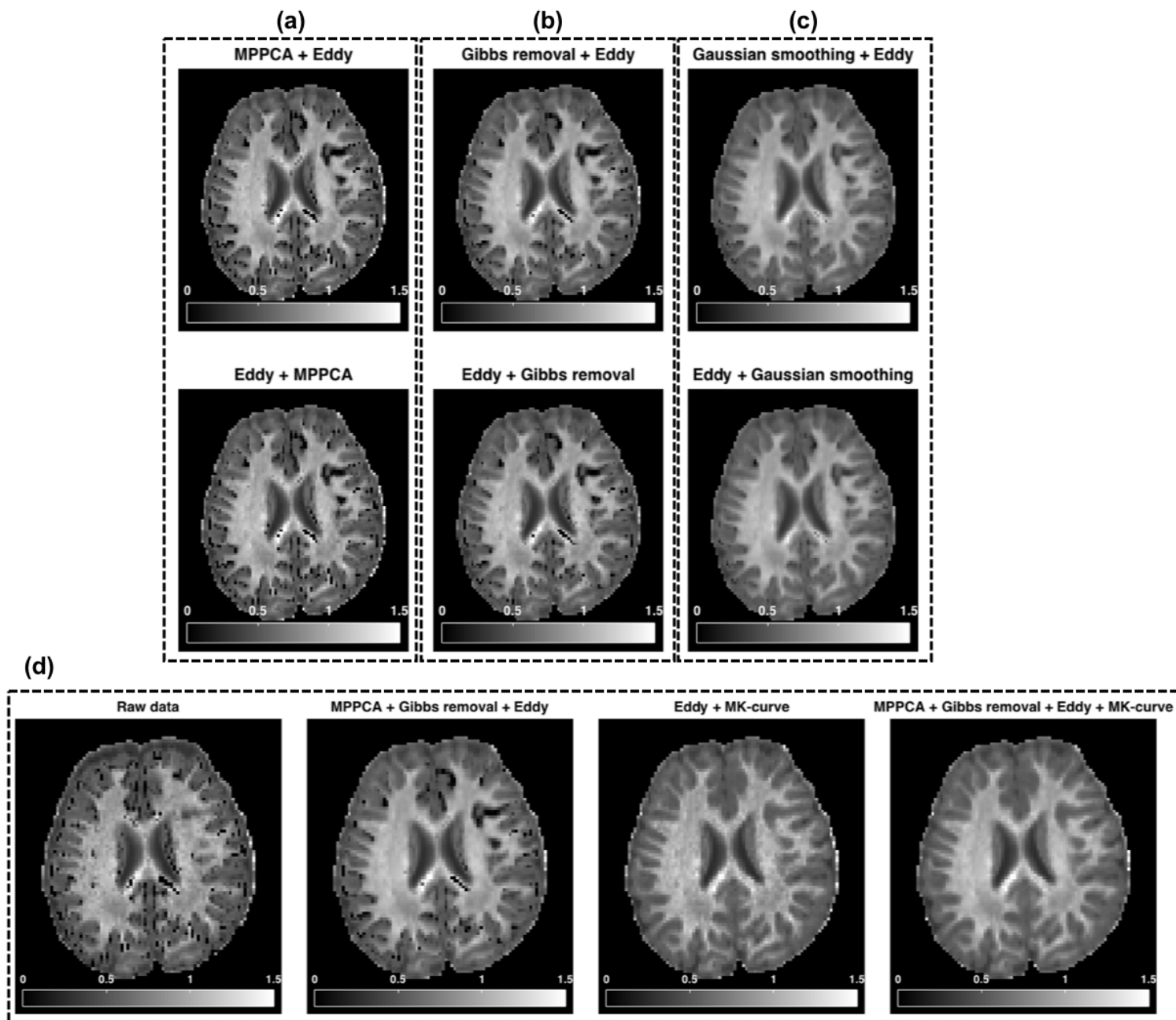


Figure S2. The effect of the order of method application. MPPCA, Gibbs removal and Gaussian smoothing should ideally be applied before preprocessing steps such as Eddy. The effect on MK maps of reversing the application order (a-c) shows that the processing order did not have large effects on the results. Concatenating the three pre-processing steps (i.e. MPPCA for denoising, Gibbs removal and eddy correction) corrects some of the implausible voxels, but less than when the proposed MK-curve is applied instead. Applying the MK-curve method following the application of the three preprocessing steps provides the smoothest MK map.