



Figure S1. The figure indicates the effect of signal bleeding caused by a PSF obtained from data acquisition, with a matrix size of $8 \times 8 \times 8$, extrapolated with zero-filling to $16 \times 16 \times 16$ and Hamming filtering. Axial slice of the brain (a); the hyperintense spot in (b) indicates a lesion with the dimension of the voxel size, which is considerably blurred, extending into adjacent regions, as shown in (c). Intensity profiles for the original hyperintense spot (d) and the filtered image (e) are shown in the second row.