



**Supplementary Figure 1.**  $^{18}\text{F}$ -FP-CIT PET images before and after correcting for PVE. Compared to the mean  $^{18}\text{F}$ -FP-CIT PET image of the controls, striatal uptake is mildly reduced in the PVE-uncorrected PET image of the HD patient. After correcting for PVE, the  $^{18}\text{F}$ -FP-CIT SBR values approach to normal level in the most of the voxels in the atrophic striatum. PVE, partial volume effect; HC, healthy controls; SBR, specific binding ratio; PET, positron emission tomography; HD, Huntington's disease.