Supplemental materials

**Reduced left hippocampal perfusion is associated with cognitive decline in patients with insomnia**

Wei Yan1#, MM, Duanlu Hou2#, MM, Zhixin Li1#, MM, Weijun Tang3, MD, Xiang Han1\*, MD, Yuping Tang1\*, PhD, MD



**Figure S1** Examples of CBF in patients with severe insomnia(A) and normal sleep(B) in ASL (Germany, Siemens, Syngo MR E11, 3 Tesla). Whole-cerebral blood flow is significantly reduced in patients with severe sleep disorders (A). The patient with severe insomnia had 17ml/100g\*min CBF in the left hippocampal area (not shown in A), and the normal subject was 37ml/100g\*min (not shown in B).

**FigureS2** The structural comparisons of the study

