

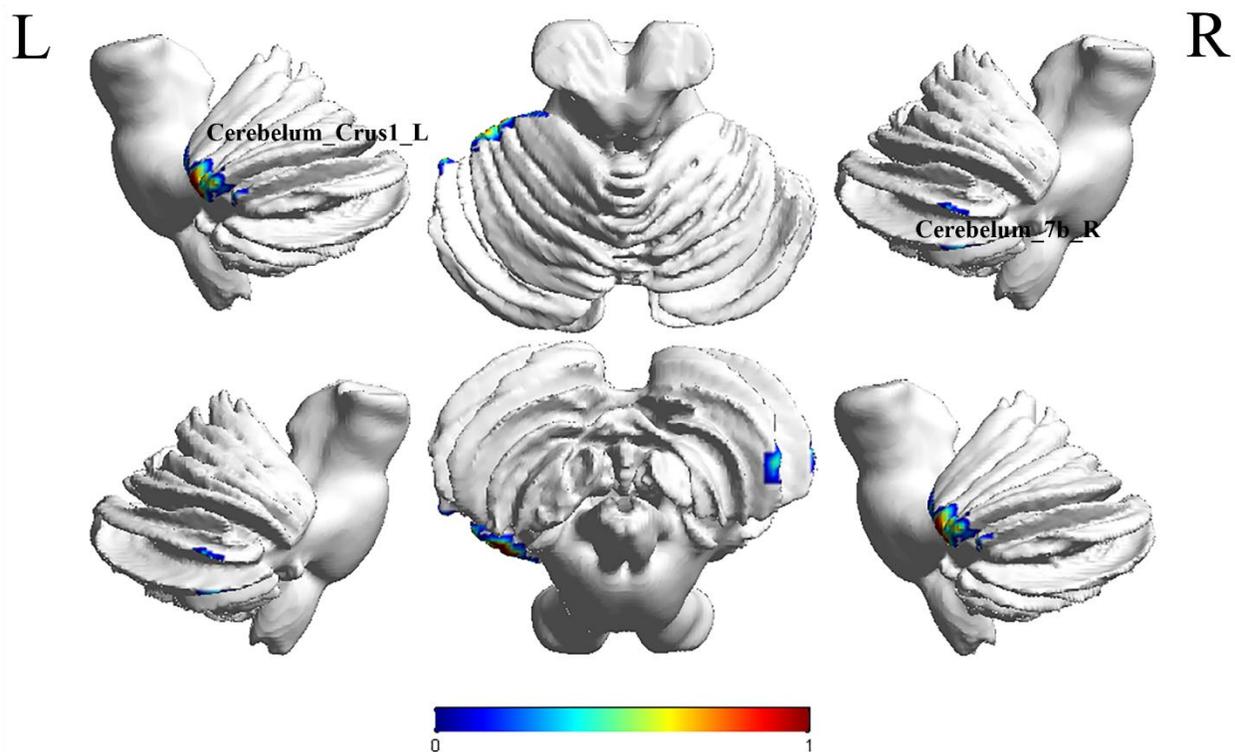
*Supplementary Material*

**Abnormal cerebellar activity and connectivity alterations of the cerebellar-limbic system in post-stroke cognitive impairment: A study based on resting state functional magnetic resonance imaging Contents**

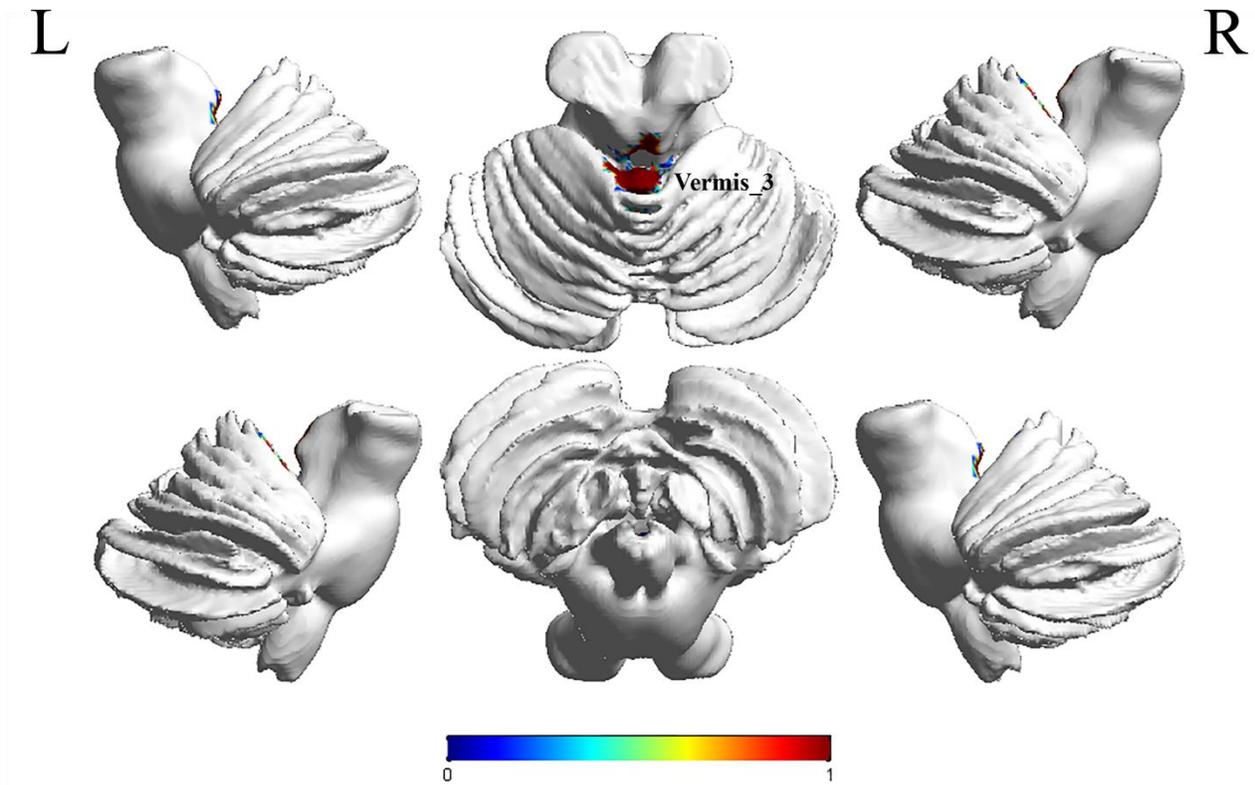
**Figure S1.** Brain regions (Cerebelum\_7b\_R, Cerebelum\_Crus1\_L) showing significant ALFF in the S-MCI group compared with the S-C group on the 3D template ( $P < 0.05$ , GRF corrected). The color scale represents the t-value. R = right, L = left.

**Figure S2.** Brain regions (Vermis\_3) showing significant fALFF in the S-MCI group compared with the S-C group on the 3D template ( $P < 0.05$ , GRF corrected). The color scale represents the t-value. R = right, L = left.

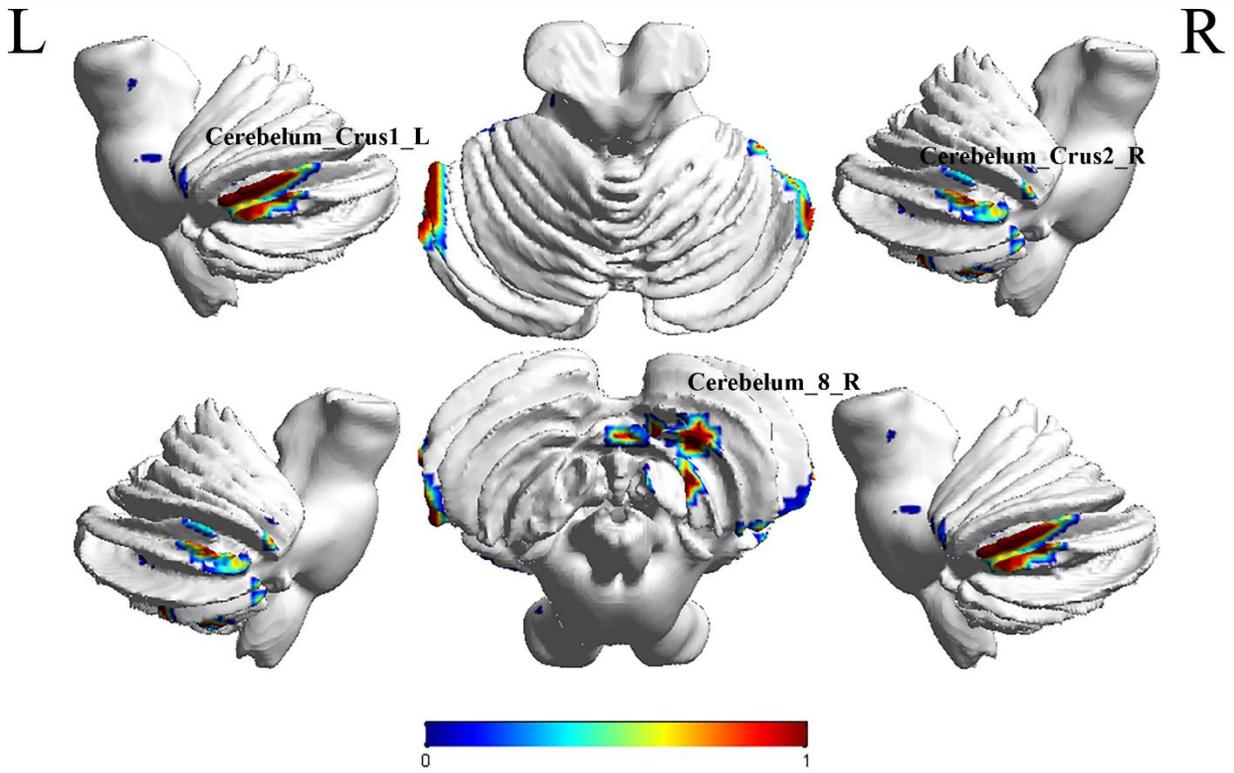
**Figure S3.** Brain regions (Cerebelum\_8\_R, Cerebelum\_Crus2\_R, Cerebelum\_Crus1\_L) showing significant Reho in the S-MCI group compared with the S-C group on the 3D template ( $P < 0.05$ , GRF corrected). The color scale represents the t-value. R = right, L = left.



**Figure S1.** Brain regions (Cerebelum\_7b\_R, Cerebelum\_Crus1\_L) showing significant ALFF in the S-MCI group compared with the S-C group on the 3D template ( $P < 0.05$ , GRF corrected). The color scale represents the t-value. R = right, L = left.



**Figure S2.** Brain regions (Vermis\_3) showing significant fALFF in the S-MCI group compared with the S-C group on the 3D template ( $P < 0.05$ , GRF corrected). The color scale represents the t-value. R = right, L = left.



**Figure S3.** Brain regions (Cerebellum\_8\_R, Cerebellum\_Crus2\_R, Cerebellum\_Crus1\_L) showing significant ReHo in the S-MCI group compared with the S-C group on the 3D template ( $P < 0.05$ , GRF corrected). The color scale represents the t-value. R = right, L = left.