Supplement Figure 1



After Zn supplementation S-SPT with brain infarction improved from 19.1sec to 2.8sec P=0.0312 wilcoxon matched-pairs; whereas group without brain infarction improved from 6.2sec to 5.1sec P=0.30 wilcoxon matched-pairs.

Supplement Figure 2



95% CI = 20.59 ~ 37.11

supplement figure 3



95% CI = -20.33 ~ 1.593