**Table 4 The linear regression analysis for cognitive impairment against cerebrovascular reserve**

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| **B S.E. P** |
| **Left infarction** |
| Constant 27.746 8.382 0.002 |
| CBF, right, frontal lobe -0.600 0.153 0.000 |
| CBV, left, frontal lobe 5.046 2.121 0.023 |
| CBF, left, parietal lobe 0.255 0.089 0.007 |
| MTT, left, occipital lobe -1.215 0.554 0.035 |
| **Right infarction** |
| Constant 22.750 6.082 0.000 |
| CBF, left, temporal lobe -0.300 0.104 0.006 |
| CBF, right, temporal lobe 0.202 0.091 0.030 |