

Supplementary Table 2. Risk factors of post-stroke depressive symptoms at 3 months by the presence of baseline depression

| Variable | Crude odds ratio (95% CI) | | P for interaction with baseline depression |
|---------------------------------------|-------------------------------|-------------------------------|--|
| | Baseline-Pink (n=296) | Baseline-Blue (n=182) | |
| Demographic and risk factors | | | |
| Age (/10 yr) | 1.01 (0.97–1.05) | 1.03 (1.01–1.05)* | 0.372 |
| Female sex | 1.70 (0.71–4.06) | 0.93 (0.57–1.50) | 0.235 |
| Hypertension | 0.89 (0.33–2.39) | 1.34 (0.78–2.31) | 0.479 |
| Diabetes | 0.78 (0.32–1.92) | 1.58 (0.98–2.57) | 0.174 |
| Hyperlipidemia | 1.08 (0.46–2.54) | 1.64 (1.01–2.66) [†] | 0.403 |
| Coronary artery disease | 0.30 (0.04–2.29) | 1.22 (0.61–2.44) | 0.199 |
| Smoking | 1.16 (0.49–2.74) | 1.22 (0.75–1.97) | 0.923 |
| Lesion side | | | |
| Left vs. Right | 0.99 (0.41–2.40) | 0.82 (0.50–1.36) | 0.879 |
| Both vs. Right | 1.53 (0.30–7.90) | 2.00 (0.68–5.85) | |
| Lesion location | | | |
| Anterior cortex | 1.16 (0.43–3.11) | 1.16 (0.68–1.97) | 0.999 |
| Thalamus | 0.35 (0.04–2.70) | 1.08 (0.44–2.61) | 0.320 |
| Medulla | 0.48 (0.06–3.77) | 0.96 (0.41–2.27) | 0.540 |
| Cerebellum | 0.61 (0.08–4.87) | 1.54 (0.63–3.72) | 0.421 |
| Posterior cortex | 1.25 (0.14–10.88) | 1.06 (0.39–2.88) | 0.891 |
| Subcortex | 1.66 (0.70–3.93) | 1.15 (0.71–1.85) | 0.467 |
| Pons+Midbrain | 1.24 (0.46–3.33) | 1.34 (0.75–2.40) | 0.892 |
| Clinical variables at baseline | | | |
| Non-use of escitalopram (10 mg/day) | 5.00 (1.67–14.29)* | 1.56 (0.96–2.56) | 0.058 |
| MADRS | 1.19 (0.98–1.44) | 1.16 (1.11–1.22)* | 0.791 |
| NIHSS score | 1.25 (1.05–1.48) [†] | 1.07 (0.99–1.16) | 0.117 |
| Changes in NIHSS (0–4 wk) | 1.12 (0.86–1.46) | 0.86 (0.73–1.00) [†] | 0.082 |
| Emotional incontinence | 1.51 (0.17–13.53) | 0.43 (0.19–0.98) [†] | 0.289 |
| Anger score | 1.00 (0.92–1.08) | 1.09 (1.04–1.14)* | 0.053 |
| MoCA score | 1.02 (0.95–1.09) | 0.92 (0.88–0.95)* | 0.008 |

CI, confidence interval; MADRS, Montgomery-Asberg Depression Rating Scale; NIHSS, National Institute of Health Stroke Scale; MoCA, Montreal Cognitive Assessment.

* $P < 0.01$; [†] $P < 0.05$.