Supplementary Table 3: Linear regression models of the associations between pre-stroke PASE quartiles, other baseline parameters and mean MDI-score differences one and six months after stroke. *A sensitivity analysis without patients who did not participate in the completion of the PASE*

| | One month MDI scores | | | | Six month MDI scores | | | |
| | Unadjusted | | Adjusted* | | Unadjusted | | Adjusted* | |
	Mean differences (95% CI)	p-value	Mean differences (95% CI)	p-value	Mean differences (95% CI)	p-value	Mean differences (95% CI)	p-value
Pre-stroke PASE score†								
1st quartile	Ref	-	Ref	-	Ref	-	Ref	-
2nd quartile	-0.9 (-3.1, 1.4)	0.439	-0.4 (-2.7, 2.0)	0.761	-1.7 (-4.0, 0.6)	0.138	-1.4 (-3.8, 1.0)	0.248
3rd quartile	-2.7 (-4.7, -0.8)	**0.006**	-2.7 (-4.6, -0.8)	**0.005**	-3.5 (-5.6, -1.4)	**0.001**	-3.7 (-5.9, -1.4)	**0.001**
4th quartile	-2.9 (-4.6, -1.1)	**0.002**	-2.1 (-4.2, -0.1)	**0.039**	-3.0 (-5.2, -0.8)	**0.009**	-2.6 (-5.2, -0.1)	**0.041**
Study treatment								
Placebo	Ref	-	Ref	-	Ref	-	Ref	-
Citalopram	0.6 (-0.8, 2.0)	0.406	0.9 (-0.5, 2.3)	0.202	-0.7 (-2.2, 0.7)	0.324	-0.7 (-2.2, 0.7)	0.326
Sex								
Male	Ref	-	Ref	-	Ref	-	Ref	-
Female	1.0 (-0.5, 2.5)	0.177	1.3 (-0.2, 2.8)	0.100	2.1 (0.5, 3.7)	**0.012**	2.0 (0.3, 3.8)	**0.023**
Age, per year increase	0.01 (-0.05, 0.06)	0.867	-0.05 (-0.12, 0.01)	0.103	0.004 (-0.06, 0.07)	0.895	-0.06 (-0.12, 0.01)	0.115
Cohabitation status								
Living alone	Ref	-	Ref	-	Ref	-	Ref	-
Cohabitant	-0.2 (-1.7, 1.2)	0.741	-0.1 (-1.7, 1.5)	0.917	-1.0 (-2.6, 0.7)	0.248	-0.3 (-2.0, 1.4)	0.713
Smoking status								
Never smoker	Ref	-	Ref	-	Ref	-	Ref	-
History of smoking	-1.3 (-2.8, 0.1)	0.072	-1.2 (-2.6, 0.3)	0.109	-0.6 (-2.1, 0.9)	0.435	-0.3 (-1.8, 1.3)	0.736

Supplemental material

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Medical history‡									
Diabetes	0.5 (-1.6, 2.6)	0.627	0.5 (-1.6, 2.5)	0.666	-0.1 (-2.2, 2.0)	0.893	-0.7 (-2.7, 1.4)	0.523
Hypertension	1.5 (0.1, 2.8)	**0.038**	0.8 (-0.6, 2.2)	0.267	1.4 (0.0, 2.9)	0.050	0.8 (-0.8, 2.3)	0.319
Atrial fibrillation	-0.9 (-2.7, 0.8)	0.302	-0.9 (-2.6, 0.8)	0.307	-0.8 (-2.6, 1.0)	0.402	-1.2 (-3.0, 0.6)	0.188
Previous MI	2.6 (-0.8, 6.1)	0.137	1.9 (-1.6, 5.4)	0.278	1.3 (-1.6, 4.2)	0.390	2.4 (-0.9, 5.7)	0.160
Previous TIA	1.6 (-5.7, 8.9)	0.671	1.8 (-5.5, 9.0)	0.629	-5.3 (-6.8, -3.8)	**< 0.001**	-5.2 (-6.7, -3.6)	**<0.001**
PVD	3.3 (-2.2, 8.7)	0.239	4.2 (-2.0, 10.3)	0.182	0.7 (-3.3, 4.8)	0.719	0.6 (-4.0, 5.2)	0.799
Admission NIHSS score, per point increase	0.2 (0.0, 0.4)	**0.027**	0.2 (0.0, 0.4)	**0.023**	0.2 (0.0, 0.4)	0.076	0.2 (0.0, 0.5)	0.097
Reperfusion treatment								
No	Ref	-	Ref	-	Ref	-	Ref	-
Yes	0.0 (-1.4, 1.4)	0.986	-0.3 (-1.8, 1.3)	0.723	-0.1 (-1.6, 1.4)	0.88	-0.5 (-2.1, 1.0)	0.504

MDI: Major depression inventory, CI: confidence interval, PASE: Physical Activity Scale for the Elderly, MI: myocardial infarction, TIA: transient ischemic attack, PVD: peripheral vascular disease, NIHSS: National Institute of Health Stroke Scale

* Adjusted for citalopram treatment, sex, age, cohabitation, history of smoking, diabetes, hypertension, atrial fibrillation, myocardial infarction, transient ischemic attack, peripheral vascular disease, admission NIHSS score, and reperfusion treatment

† All pre-stroke PASE score quartiles are compared to the highest quartile (1st quartile)

‡ For all medical history variables the reference groups are patients who do not have the condition