

**Supplementary Table 4.** Multivariable Cox proportional hazards ratio for moderate motor outcome (Model 2\*)

Variables	Adjusted hazard ratio	95% Hazard ratio confidence limits		p value
FPG (intermediate)	2.106	0.711	6.239	0.1789
FPG (hyperglycemia)	8.186	1.810	37.023	0.0063 <sup>†</sup>
Age ≥ 65 yr	5.494	0.712	42.408	0.1023
Diabetes	0.277	0.058	1.319	0.1069
Smoking	0.380	0.085	1.692	0.2042

\*endpoint is H&Y stage ≥ 3, sex parameter is controlled by stratification;  
<sup>†</sup>p value < 0.05.

FPG, fasting plasma glucose; H&Y, H&Y, Hoehn and Yahr.