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Appendix 1. Summary of baseline characteristics of three groups: died, lost to follow (LTF) at 3 months, and followed up (FU) to 10 years after stroke

	Died	LTF	FU complete	Total
Age	722	889	1247	2858
Mean	74.77	66.29	69.59	69.87
(SD)	14.53	15.89	13.63	14.93
Sex				
Male	43.90%	54.80%	52.40%	51.00%
Female	56.10%	45.20%	47.60%	49.00%
Paresis				
No	5.00%	27.40%	22.90%	19.80%
Yes	73.50%	58.50%	71.10%	67.80%
Unknown	21.50%	14.00%	6.00%	12.40%
Incontinent				
No	10.40%	65.80%	63.70%	50.90%
Yes	74.00%	26.70%	32.60%	41.20%
Unknown	15.70%	7.50%	3.80%	7.90%
Physical Limitation (BI)				
Sever (0-14)	49.30%	32.30%	44.00%	41.70%
Moderate / mild (15-19)	1.70%	13.90%	15.70%	11.60%
Independent (20)	0.70%	32.10%	22.60%	20.00%
Unknown	48.30%	21.70%	17.60%	26.70%
GCS (verbal component)				
Not fully oriented <5	78.90%	28.40%	27.30%	38.60%
Fully oriented (5)	17.60%	64.50%	70.00%	56.80%
Unknown	3.50%	7.20%	2.70%	4.60%

Appendix 2, Parameter estimates for four trajectories (Groups I-IV) of depression development based on (a) up to 5 years follow up, and (b) up to 10 years follow up

		(a)			(b)		
Group	Parameter	Estimate	SE	P value	Estimate	SE	P value
I	Intercept	0.97	0.38	0.011	0.99	0.22	<0.001
II	Intercept	3.78	0.29	<0.001	3.64	0.21	<0.001
	Linear	0.16	0.05	0.002	0.11	0.03	<0.001
III	Intercept	7.22	0.37	<0.001	6.25	0.24	<0.001
	Linear	0.26	0.07	<0.001	0.29	0.04	<0.001
IV	Intercept	14.57	1.01	<0.001	13.28	0.63	<0.001
	Linear	-1.27	0.63	0.043	-0.54	0.24	0.024
	Quadratic	0.19	0.09	0.036	0.04	0.02	0.047
Group membership							
		n	%		n	%	
I		124	14.55		96	15.66	
II		423	49.65		267	43.56	
III		245	28.76		189	30.83	
IV		60	7.04		61	9.95	
Total		852			613		

Note. SE: Standard Error. Panels (a) and (b) corresponds to the sensitivity analysis, parts (a), and (b)

Appendix 3, Parameter estimates for four trajectories (Groups I-IV) of depression development based on (a) all patients who contributed ≥ 8 measurements of HADs in up to 15 years follow up, and (b) any patient contributing ≥ 4 measurements of HADs in up to 15 years follow up.

		(c)			(d)		
Group	Parameter	Estimate	SE	P value	Estimate	SE	P value
I	Intercept	1.45	0.19	<.0001	1.31	0.19	<.0001
II	Intercept	3.85	0.22	<.0001	3.91	0.19	<.0001
	Linear	0.11	0.02	<.0001	0.12	0.02	<.0001
III	Intercept	6.84	0.23	<.0001	6.96	0.21	<.0001
	Linear	0.23	0.03	<.0001	0.22	0.02	<.0001
IV	Intercept	14.65	0.85	<.0001	12.61	0.54	<.0001
	Linear	-0.72	0.25	<.0001	-0.19	0.17	0.261
	Quadratic	0.06	0.02	<.0001	0.03	0.01	0.009
	Sigma	3.09	<.0001	0.00	3.19	0.03	<.0001
Group membership		n	%				
I	(%)	85	24.29		185	17.44	
II	(%)	148	42.29		445	41.94	
III	(%)	103	29.43		346	32.61	
IV	(%)	14	4.00		85	8.01	
Total		350			1061		

Note. SE: Standard Error. Panels (c) and (d) corresponds to the sensitivity analysis, parts (c), and (d)

Figure S1 (Supplementary). Bayesian information criterion (BIC) and Akaike information criterion (AIC) for the assessment of goodness of fit of 8 specifications for (1-8) trajectories for the primary analysis (n=761)

