



Figure S1. Trajectories of cognitive functioning among older adults, without excluding the last time point. The thin lines are the trajectories of each participant. The colored triangles represent the mean scores for their respective latent class group. The thick lines are loess-smoothed, estimated growth trajectories. The gray area enclosing these thick lines represent the standard error.

Table S1. Fixed effects estimates for the analyses without excluding the last time point

Level	Class	Parameter	Estimates	SE
<u>Class-membership^a</u>				
	Extreme decline	Intercept	-.84**	.27
	Moderate decline	Intercept	.61**	.20
	Minimal decline	Intercept	.59**	.22
<u>Trajectory</u>				
	Extreme decline	Intercept	Not estimated	
	Moderate decline	Intercept	.41	.70
	Minimal decline	Intercept	-2.05**	.76
	No decline	Intercept	-9.16***	.96
	Extreme decline	Age	-.14***	.01
	Moderate decline	Age	-.12***	.005
	Minimal decline	Age	-.08**	.005
	No decline	Age	-.01	.20

Note. SE= Standard error. ^aNo decline was used as class of reference. * $p < .05$. ** $p < .01$. *** $p < .001$.

Table S2. Descriptive statistics of baseline characteristics

	<u>Rapid Decline</u>		<u>Moderate Decline</u>		<u>Minimal Decline</u>		<u>No Decline</u>		<u>Between-group statistics</u>	
	<i>F</i>	χ^2								
MMSE (SD)	23.24	(3.6)	26.35	(2.8)	28.32	(1.9)	28.67	(1.5)	280.09***	
Age (SD)	71.37	(6.3)	73.09	(7.2)	72.97	(7.4)	78.53	(6.2)	41.69***	
Education-years (SD)	.70	(1.6)	1.50	(2.8)	3.46	(4.0)	4.93	(4.4)	96.64***	
Urban residence	21	(18.1)	250	(26.7)	546	(41.5)	109	(50.9)	89.33***	
No. of Males (%)	30	(25.9)	338	(36.1)	738	(56.0)	158	(73.8)	166.41***	
Hypertension (%)	14	(12.1)	115	(12.3)	179	(13.6)	24	(11.2)	1.50	
Diabetes (%)	1	(.9)	9	(1.0)	20	(1.5)	6	(2.8)	4.77	
Heart Disease (%)	2	(1.7)	39	(4.2)	86	(6.5)	14	(6.5)	9.61*	
Smoke (%)	18	(15.5)	219	(23.4)	399	(30.3)	64	(29.9)	22.14***	
Drink (%)	32	(27.6)	214	(22.8)	368	(27.9)	69	(32.2)	11.56**	
Exercise (%)	28	(24.1)	261	(27.9)	546	(41.5)	122	(57.0)	89.80***	

Note. SD = Standard Deviation. MMSE = Mini-Mental State Examination. * $p < .05$. ** $p < .01$. *** $p < .001$.