

Supplementary Table 1. Trajectory patterns by demographic and clinical factors

	Trajectory I (n = 39)	Trajectory II (n=41)	Trajectory III (n = 4)	χ^2 -value
	n (%)	n (%)	n (%)	
Marriage				
Married	34 (40.5%)	33 (39.3%)	1 (1.2%)	9.11*
Not married	5 (6.0%)	8 (9.5%)	3 (3.6%)	
Education				
Primary or High school	15 (17.9%)	19 (22.6%)	2 (2.4%)	.03
College education or more	24 (28.6%)	22 (26.2%)	2 (2.4%)	
Stage of breast cancer				
0	4 (4.8%)	7 (8.3%)	0	.47
I	21 (25.0%)	17 (20.2%)	3 (3.6%)	
II	14 (16.7%)	17 (20.2%)	1 (1.2%)	
Recurrence				1.43
Yes	3 (3.6%)	1 (1.2%)	0	
No	36 (42.9%)	40 (47.6%)	4 (4.8%)	
Received chemotherapy				.07
Yes	27 (32.1%)	29 (34.5%)	3 (3.6%)	
No	12 (14.3%)	12 (14.3%)	1 (1.2%)	
Received radiotherapy				.24
Yes	21 (25.0%)	24 (28.6%)	2 (2.4%)	
No	18 (21.4%)	17 (20.2%)	2 (2.4%)	
	(mean \pm SD)	(mean \pm SD)		F value
Age (year)	49.54 \pm 8.03	50.89 \pm 9.11	41.05 \pm 7.41	2.44
Months after completion of treatment	12.82 \pm 5.82	11.22 \pm 4.97	9.50 \pm 0.58	.32
Months after diagnosis	19.77 \pm 6.36	18.39 \pm 8.94	18.50 \pm 7.85	1.33

* $p < .05$

Supplementary Table 2. Estimates of single level binary logistic regression model for trajectories of posttraumatic growth with Time 1 coping and symptoms as predictors

	B	S.E.	Wald	df	Sig.	Exp(B) (odd ratio)
Mini MAC HH	-.292	.140	4.340	1	.037	.747
Mini MAC AP	.192	.114	2.862	1	.091	1.212
Mini MAC CA	-.205	.162	1.610	1	.204	.815
Mini MAC FS	.077	.198	.153	1	.696	1.081
Mini MAC FA	.377	.186	4.128	1	.042	1.458
HADS Dep	.333	.136	5.953	1	.015	1.395
HADS Anx	-.220	.132	2.771	1	.096	.803

Note: PTGI Total Score: Posttraumatic Growth Inventory Total Score; Mini MAC HH: Mini-Mental Adjustment to Cancer Scale Hopelessness-Helplessness; Mini MAC AP: Mini-Mental Adjustment to Cancer Scale Anxious Preoccupation; Mini MAC CA: Mini-Mental Adjustment to Cancer Scale Cognitive Avoidance; Mini MAC FS: Mini-Mental Adjustment to Cancer Scale Fighting Spirit; Mini MAC FA: Mini-Mental Adjustment to Cancer Scale Fatalism; HADS Dep: Hospital Anxiety and Depression Scale Depression; HADS Anx: Hospital Anxiety and Depression Anxiety

Supplementary Table 3. Fit indices for one to four class growth mixture models (conditional with Hopelessness-Helplessness and Depression set as covariates)

Fit Indices	Growth mixture mode			
	One class	Two classes	Three classes	Four classes
AIC	1795.20	1725.27	1697.26	1693.99
BIC	1816.06	1757.72	1741.29	1749.61
SSBIC	1787.69	1713.59	1681.41	1673.96
Entropy	-	.99	.86	.88
VLMR-LRT p value	-	< .001	.048	.30
LMR-LRT p value	-	< .001	.056	.32
BLRT p value	-	< .001	< .001	.11

Note: AIC: Akaike information criterion; BIC: Bayesian information criterion; SSBIC: sample size adjusted Bayesian information criterion; VLRT: Vuong-Lo-Mendell-Rubin likelihood ratio test; LMR LRT: Lo-Mendell-Rubin test; BLRT: bootstrap likelihood ratio test.