

S4 Table. Change in quality of life during first-line chemotherapy in disease-controlled group (CR, PR, or SD) and uncontrolled group (PD)

	Disease-controlled group (CR, PR, or SD, n=323)		Disease-uncontrolled group (PD, n=62)		p-value ^{a)}
	No.	Mean±SD	No.	Mean±SD	
QLQ-C30					
Physical functioning					
Baseline	306	78.91±16.27	57	73.33±20.51	0.735
Best score	242	76.53±18.66	19	69.47±20.16	
Change	236	-1.81±18.97	19	1.75±21.18	
p-value ^{b)}		0.343		0.754	
Role functioning					
Baseline	306	77.12±24.40	57	75.44±25.61	0.851
Best score	242	74.45±26.61	19	68.42±27.72	
Change	236	-1.91±29.37	19	1.75±35.96	
p-value ^{b)}		0.178		0.823	
Emotional functioning					
Baseline	306	75.11±21.58	57	72.51±20.77	0.708
Best score	242	81.44±19.74	19	67.54±24.98	
Change	236	6.89±23.06	19	5.70±18.85	
p-value ^{b)}		<0.001		0.408	
Cognitive functioning					
Baseline	306	86.82±17.92	57	80.99±17.66	0.533
Best score	242	85.47±18.93	19	78.95±24.12	
Change	236	-1.13±21.11	19	2.63±26.21	
p-value ^{b)}		0.763		0.659	
Social functioning					
Baseline	306	69.50±29.65	57	69.88±27.72	0.220
Best score	242	73.83±25.80	19	64.91±27.72	
Change	236	5.65±30.65	19	-2.63±27.92	
p-value ^{b)}		0.001		0.606	
Global health status/QOL					
Baseline	306	51.72±23.04	57	48.54±22.22	0.401
Best score	242	59.06±22.00	19	49.56±25.38	
Change	236	7.84±25.46	19	1.75±23.50	
p-value ^{b)}		<0.001		0.715	
Fatigue					
Baseline	306	33.95±22.22	57	38.60±24.50	0.968
Best score	242	33.29±21.56	19	42.11±18.73	
Change	236	-1.84±24.99	19	-0.58±30.65	
p-value ^{b)}		0.140		0.826	
Nausea and vomiting					
Baseline	306	17.59±22.58	57	19.01±26.62	0.134
Best score	242	14.94±20.04	19	22.81±27.89	
Change	236	-3.81±24.78	19	5.26±26.09	
p-value ^{b)}		0.400		0.476	
Pain					
Baseline	306	22.22±23.02	57	31.29±26.37	0.513
Best score	242	16.60±22.39	19	25.44±30.11	
Change	236	-6.36±26.00	19	-0.88±31.17	
p-value ^{b)}		<0.001		0.717	
Dyspnea					
Baseline	306	15.90±22.12	57	18.13±22.77	0.078
Best score	242	15.01±23.12	19	28.07±27.81	
Change	236	-1.13±25.89	19	8.77±33.04	
p-value ^{b)}		0.087		0.322	
Insomnia					
Baseline	306	21.90±27.46	57	29.82±30.00	

Best score	242	15.70±24.51	19	36.84±36.67	
Change	236	-7.06±32.50	19	-7.02±39.41	0.851
p-value ^{b)}		<0.001		0.627	
Appetite loss					
Baseline	306	34.20±33.59	57	36.84±36.56	
Best score	242	27.13±29.33	19	42.11±38.24	
Change	236	-7.63±42.14	19	1.75±49.03	0.507
p-value ^{b)}		0.003		0.959	
Constipation					
Baseline	306	21.57±28.69	57	30.41±31.67	
Best score	242	14.05±22.21	19	38.60±35.60	
Change	236	-9.60±32.28	19	0.00±45.81	0.424
p-value ^{b)}		<0.001		0.957	
Diarrhea					
Baseline	306	17.10±24.77	57	22.81±29.65	
Best score	242	11.57±20.47	19	14.04±25.62	
Change	236	-5.93±26.32	19	-10.53±22.37	0.374
p-value ^{b)}		0.712		0.109	
Financial difficulties					
Baseline	306	30.94±32.08	57	34.50±33.90	
Best score	242	28.93±29.27	19	29.82±31.22	
Change	236	-3.81±31.35	19	-7.02±46.59	0.699
p-value ^{b)}		0.091		0.507	
QLQ-STO22					
Dysphagia					
Baseline	306	14.96±18.43	57	17.74±19.57	
Best score	242	11.94±13.93	19	18.71±21.61	
Change	236	-3.81±20.57	19	0.00±18.14	0.368
p-value ^{b)}		0.002		1.000	
Pain					
Baseline	306	26.12±20.13	57	30.85±20.47	
Best score	242	16.49±16.90	19	34.65±24.57	
Change	236	-10.66±20.37	19	0.88±20.39	0.020
p-value ^{b)}		<0.001		0.751	
Reflux symptoms					
Baseline	306	18.23±19.66	57	21.25±21.44	
Best score	242	12.53±17.52	19	20.47±16.67	
Change	236	-6.69±20.86	19	-4.68±17.10	0.497
p-value ^{b)}		<0.001		0.424	
Eating restrictions					
Baseline	306	23.64±21.23	57	24.56±20.74	
Best score	242	17.63±18.05	19	28.07±22.26	
Change	236	-7.56±22.23	19	-0.88±25.14	0.142
p-value ^{b)}		<0.001		0.959	
Anxiety					
Baseline	306	42.12±25.68	57	45.81±25.20	
Best score	242	36.13±22.90	19	50.88±29.24	
Change	236	-6.17±27.35	19	7.02±32.12	0.028
p-value ^{b)}		0.001		0.194	
Dry mouth					
Baseline	306	27.02±27.59	57	33.33±28.87	
Best score	242	24.24±26.99	19	36.84±21.93	
Change	236	-4.52±34.49	19	-3.51±33.14	0.727
p-value ^{b)}		0.015		0.386	
Taste					
Baseline	306	22.00±28.09	57	24.56±29.23	
Best score	242	20.66±26.21	19	28.07±35.60	
Change	236	-2.82±34.26	19	-1.75±30.38	0.842

p-value ^{b)}		0.179		0.906	
Body image					
Baseline	306	35.73±32.19	57	36.84±34.32	
Best score	242	33.75±30.29	19	43.86±31.53	
Change	236	-3.11±34.79	19	10.53±35.23	0.080
p-value ^{b)}		0.135		0.339	
Hair loss					
Baseline	63	41.80±33.32	17	54.90±38.98	
Best score	151	31.79±30.14	8	50.00±30.86	
Change	42	-7.14±40.68	5	-20.00±18.26	0.159
p-value ^{b)}		0.129		0.250	

SD, standard deviation; QOL, quality of life; CR, complete response; PR, partial response; SD, stable disease; PD, progressive disease. ^{a)}Between disease-controlled group and uncontrolled group, Kruskal-Wallis test, ^{b)}Between best score and baseline, Wilcoxon signed rank test.