

Supplementary table S1. Group comparison between patients who have complete COMPASS (“complete-COMPASS”) datasets and (a) patients who did not take part in COMPASS assessment (“Non-COMPASS”) or (b) patients with incomplete COMPASS datasets (“Incomplete COMPASS”). Table S1(a) shows the descriptive statistics of the groups. Either the means (\pm SD) or median (IQR) are shown unless otherwise stated. Table S1(b) and S1(c) show the univariate and pair-wise analyses between the groups respectively. See text for abbreviations.

Table S1(a) Descriptive statistics.

	Complete-COMPASS	Non-COMPASS	Incomplete-COMPASS
Number (total)	317	78	80
Age (year)	59.9 (49.5-67.1)	59.5 (48.1-68.4)	65 (54.3-71.5)
Sex	F=298, M=19	F=76, M=2	F=80, M=0
Disease Duration (year)	6.1 (2.5-11.9)	5.5 (3-9.2)	6.5 (2.3-11.6)
ESSDAI	4 (1-7)	5 (1-8)	3 (2-7)
Ro/La +	84.20%	84.60%	78.80%
ESR (mm/1st hr)	20 (9-40)	20 (11-45.5)	20 (9-40)
CRP (mg/dl)	2.5 (0-4)	2.4 (0-4.5)	4.7 (0-6)
SBP (mmHg)	132.3 (\pm 20.9)	129.9 (\pm 17.9)	134 (\pm 19.3)
DBP (mmHg)	77.8 (\pm 11.8)	75.7 (\pm 7.9)	77 (\pm 10.3)
Disease damage	3 (2-4)	4 (2-5)	3 (2-4)
ESSPRI	5.3 (3.3-6.7)	5.8 (4.2-7.7)	6 (4.7-7)
EULAR-Sicca score	6 (3.7-7.7)	7 (4.5-8.8)	6.3 (3.7-8)
Physical fatigue	3.8 (2.3-4.8)	4 (2.5-5.5)	4.5 (3.3-5.5)
Mental fatigue	3 (1-4)	3.3 (1-4.5)	3 (1.5-4.5)
Fatigue VAS	55.5 (30-72)	66 (40-79.5)	66 (43-82)
HAD-A	7 (4-10)	8 (5-11)	8 (6-12)
HAD-D	5 (2-8)	5 (3-9)	6.5 (4-9.5)
Daytime Somnolence	8	9	9

	(4-11)	(4.5-12)	(4-12.5)
EQ-5D TTO	0.73	0.69	0.69
	(0.62-0.80)	(0.52-0.80)	(0.52-0.74)
EQ-5D VAS	62	61.5	50
	(48-80)	(50-75)	(40-70)

Table S1(b) Univariate analyses.

Univariate Analysis						
Dependent Variable		Sum of Squares	df	Mean Square	F	p-value
Age	Contrast	1527.161	2	763.58	4.976	0.007
	Error	61073.988	398	153.452		
SBP	Contrast	401.937	2	200.968	0.497	0.609
	Error	160822.018	398	404.075		
DBP	Contrast	468.891	2	234.445	1.84	0.16
	Error	50712.037	398	127.417		
ESSDAI	Contrast	183.025	2	91.513	3.774	0.024
	Error	9651.992	398	24.251		
Disease damage - Physician VAS	Contrast	28.612	2	14.306	4.444	0.012
	Error	1281.249	398	3.219		
ESR	Contrast	680.075	2	340.038	0.607	0.546
	Error	223068.339	398	560.473		
CRP	Contrast	139.398	2	69.699	3.704	0.025
	Error	7490.233	398	18.82		
Physical fatigue	Contrast	28.934	2	14.467	4.791	0.009
	Error	1201.829	398	3.02		
Mental fatigue	Contrast	8.387	2	4.193	1.218	0.297
	Error	1370.022	398	3.442		
Fatigue VAS	Contrast	6090.245	2	3045.123	4.185	0.016
	Error	289629.311	398	727.712		
ESSPRI	Contrast	67.54	2	33.77	6.889	0.001
	Error	1951.114	398	4.902		
EULAR- Sicca Score	Contrast	52.044	2	26.022	4.058	0.018
	Error	2551.988	398	6.412		
HAD-A	Contrast	114.834	2	57.417	2.806	0.062
	Error	8143.116	398	20.46		
HAD-D	Contrast	123.789	2	61.895	4.212	0.015
	Error	5849.039	398	14.696		
ESS	Contrast	4.845	2	2.423	0.101	0.904
	Error	9546.766	398	23.987		
EQ5D-TTO	Contrast	0.551	2	0.276	3.245	0.04
	Error	33.801	398	0.085		
EQ5D-VAS	Contrast	3413.752	2	1706.876	3.83	0.023
	Error	177362.801	398	445.635		
Disease Duration	Contrast	52.817	2	26.408	0.629	0.533
	Error	16700.595	398	41.961		

Table S1(c) Pairwise analyses.

Pairwise Comparisons						
Dependent Variable	(I) GROUPNO	(J) GROUPNO	Mean Difference (I-J)	95% Confidence Interval for Differences		
				Lower Bound	Upper Bound	p-value
Age	3	1	-1.604	-5.068	1.861	0.363
		2	-5.486*	-8.927	-2.045	0.002
SBP	3	1	2.61	-3.012	8.231	0.362
		2	-0.665	-6.248	4.919	0.815
DBP	3	1	1.94	-1.216	5.097	0.228
		2	2.681	-0.455	5.816	0.094
ESSDAI	3	1	-1.820*	-3.198	-0.443	0.01
		2	-0.932	-2.3	0.436	0.181
Damage-Physician VAS	3	1	-.756*	-1.258	-0.254	0.003
		2	-0.048	-0.547	0.45	0.849
ESR	3	1	-3.65	-10.271	2.971	0.279
		2	0.005	-6.571	6.581	0.999
CRP	3	1	-0.604	-1.817	0.609	0.328
		2	-1.638*	-2.844	-0.433	0.008
Physical fatigue	3	1	-.544*	-1.03	-0.058	0.028
		2	-.622*	-1.105	-0.139	0.012
Mental Fatigue	3	1	-0.403	-0.922	0.116	0.128
		2	-0.155	-0.67	0.36	0.555
Fatigue -VAS	3	1	-9.227*	-16.772	-1.683	0.017
		2	-7.662*	-15.156	-0.169	0.045
ESSPRI	3	1	-.752*	-1.371	-0.132	0.017
		2	-1.008*	-1.623	-0.393	0.001
EULAR-sicca score	3	1	-.855*	-1.563	-0.147	0.018
		2	-.706*	-1.409	-0.002	0.049
HAD-A	3	1	-0.498	-1.763	0.767	0.44
		2	-1.496*	-2.753	-0.24	0.02
HAD-D	3	1	-0.806	-1.878	0.266	0.14
		2	-1.474*	-2.539	-0.409	0.007
ESS	3	1	0.01	-1.36	1.379	0.989
		2	0.308	-1.053	1.668	0.657
TTO	3	1	0.08	-0.001	0.162	0.054
		2	.081*	0	0.162	0.049
VAS	3	1	2.461	-3.443	8.365	0.413
		2	8.194*	2.33	14.058	0.006
Disease Duration	3	1	0.88	-0.932	2.691	0.34
		2	-0.376	-2.175	1.423	0.681
Group 1 = Complete-COMPASS, Group 2=Incomplete COMPASS, Group 3=Non-COMPASS						
* = p<0.05						