

Supplement 1. Results of additional GEE analysis using data set without two dyads found in the evaluation of the distribution of differences of DAS scores between patient and therapist

N	Patients' physical QOL ^{*1}						Patients' psychological QOL ^{*2}						
	Unadjusted			Adjusted ^{*3}			Unadjusted			Adjusted ^{*3}			
	Regression coefficient	95% CI	p-value	Regression coefficient	95% CI	p-value	Regression coefficient	95% CI	p-value	Regression coefficient	95% CI	p-value	
DAS/LL ^{*4}	12	0	—	—	0	—	—	0	—	—	0	—	—
DAS/LM	18	-9.0	-21.5, 3.5	0.157	-8.0	-20.0, 4.0	0.191	-11.8	-24.0, 0.5	0.060	-12.7	-24.7, -0.7	0.038
DAS/LH	9	-16.0	-28.1, -3.8	0.010	-16.4	-28.5, -4.4	0.008	-9.8	-25.0, 5.5	0.211	-11.1	-26.1, 3.9	0.146
DAS HH	21	-20.0	-31.7, -8.2	0.001	-18.3	-29.4, -7.2	0.001	-18.5	-29.7, -7.4	0.001	-17.9	-28.9, -6.9	0.001
DAS/HM	13	-24.3	-36.9, -11.7	< 0.001	-23.2	-35.5, -11.0	< 0.001	-25.3	-38.6, -11.9	< 0.001	-25.5	-38.1, -12.8	< 0.001
DAS HL	6	-23.4	-39.9, -6.8	0.006	-18.6	-34.2, -3.0	0.020	-19.3	-28.6, -10.0	< 0.001	-19.9	-31.3, -8.4	0.001

CI: confidence interval

*1: Measured by the physical domain of WHOQOL

*2: Measured by the psychological domain of WHOQOL

*3: Adjusted for patient age, comorbidities (hypertension and heart diseases)

*4: Patient's own evaluation vs. therapist's evaluation of DAS: DAS/LL=low vs. low, DAS/LM=low vs. medium, DAS/LH=low vs. high, DAS HH=high vs. high, DAS/HM=high vs. medium, and DAS HL=high vs. low