

Supplementary Table 1: Consistency analysis between DAS28-ESR and SDAI.

DAS28-ESR	SDAI				Weighted kappa
	Remission	LDA	MDA	HDA	
Remission	693	1414	320	9	0.6875*
LDA	118	1131	774	23	
MDA	11	1539	8085	1552	
HDA	0	0	2086	12,746	

* $P < 0.001$. The patients' numbers of different disease activity groups based on two DAIs are in the table. The numbers on the diagonal from the top left to the bottom right are the number of patients in the same disease activity groups. Non-concordant Rate = (Total Number – Number Grouped Consistent) ÷ Total Number. This group was 25.72%, other groups have the same calculation method. DAS28: Disease Activity Score 28; DAIs: Disease activity indices; ESR: Erythrocyte sedimentation rate; HDA: High disease activity; LDA: Low disease activity; MDA: Moderate disease activity; SDAI: Simplified Disease Activity Index.

Supplementary Table 2: Consistency analysis between DAS28-CRP and SDAI.

DAS28-CRP	SDAI				Weighted kappa
	Remission	LDA	MDA	HDA	
Remission	821	2389	456	1	0.6917*
LDA	1	1350	1751	45	
MDA	0	345	9042	3374	
HDA	0	0	16	10,910	

* $P < 0.001$. The patients' numbers of different disease activity groups based on two DAIs are in the table. The numbers on the diagonal from the top left to the bottom right are the number of patients in the same disease activity groups. Non-concordant Rate = (Total Number – Number Grouped Consistent) / Total Number. This group was 27.47%, other groups have the same calculation method. CRP: C-reactive protein; DAS28: Disease Activity Score 28; DAIs: Disease activity indices; HDA: High disease activity; LDA: Low disease activity; MDA: Moderate disease activity; SDAI: Simplified Disease Activity Index.

Supplementary Table 3: Consistency analysis between CDAI and SDAI.

CDAI	SDAI				Weighted kappa
	Remission	LDA	MDA	HDA	
Remission	721	90	4	1	0.8946*
LDA	101	3795	369	2	
MDA	0	199	9343	336	
HDA	0	0	1549	13,991	

* $P < 0.001$. The patients' numbers of different disease activity groups based on two DAIs are in the table. The numbers on the diagonal from the top left to the bottom right are the number of patients in the same disease activity groups. Non-concordant Rate = (Total Number – Number Grouped Consistent) / Total Number. This group was 8.7%, other groups have the same calculation method. CDAI: Clinical Disease Activity Index; DAIs: Disease activity indices; HDA: High disease activity; LDA: Low disease activity; MDA: Moderate disease activity; SDAI: Simplified Disease Activity Index.

Supplementary Table 4: Consistency analysis between DAS28-ESR and CDAI.

DAS28-ESR	CDAI				Weighted kappa
	Remission	LDA	MDA	HDA	
Remission	672	1418	330	16	0.6757*
LDA	128	1138	730	50	
MDA	16	1711	7263	2197	
HDA	0	0	1555	13,277	

* $P < 0.001$. The patients' numbers of different disease activity groups based on two DAIs are in the table. The numbers on the diagonal from the top left to the bottom right are the number of patients in the same disease activity groups. Non-concordant Rate = (Total Number – Number Grouped Consistent) / Total Number. This group was 26.73%, other groups have the same calculation method. CDAI: Clinical Disease Activity Index; DAS28: Disease Activity Score 28; DAIs: Disease activity indices; ESR: Erythrocyte sedimentation rate; HDA: High disease activity; LDA: Low disease activity; MDA: Moderate disease activity.

Supplementary Table 5: Consistency analysis between DAS28-CRP and CDAI.

DAS28-CRP	CDAI				Weighted kappa
	Remission	LDA	MDA	HDA	
Remission	800	2346	519	2	0.6370 [*]
LDA	14	1358	1684	91	
MDA	2	563	7546	4650	
HDA	0	0	129	10,797	

^{*} $P < 0.001$. The patients' numbers of different disease activity groups based on two DAIs are in the table. The numbers on the diagonal from the top left to the bottom right are the number of patients in the same disease activity groups. Non-concordant Rate = (Total Number – Number Grouped Consistent) / Total Number. This group was 32.79%, other groups have the same calculation method. CDAI: Clinical Disease Activity Index; CRP: C-reactive protein; DAS28: Disease Activity Score 28; DAIs: Disease activity indices; HDA: High disease activity; LDA: Low disease activity; MDA: Moderate disease activity.