

Supplementary Table 2. Impact of positive status for 14-3-3 η , Rheumatoid Factor (RF), Anti-Cyclic Peptides Antibodies (ACPA) and C-Reactive Protein (CRP) at each visit on prediction of Erosive Progression (EP) at the subsequent annual visit

Variables at previous visit	Visits Total	Erosive Progression (EP; increase in Erosions ≥ 1 between 2 visits)		
		n (%)	RR (95% CI)	p-value
Individual variables				
14-3-3 η	695	321 (46.2)	1.11 (0.99-1.25)	0.0669
ACPA positive	727	352 (48.4)	1.31 (1.15-1.48)	<.0001
RF positive	762	385 (50.5)	1.36 (1.22-1.53)	<.0001
CRP	721	372 (51.6)	1.36 (1.24-1.50)	<.0001
RF, ACPA	(n=1938)			
Both negative	1059	370 (34.9)	1	
One positive	353	161 (45.6)	1.34 (1.15-1.56)	0.0002
Both positive	526	266 (50.6)	1.46 (1.27-1.68)	<.0001
RF, CRP	(n=2155)			
Both negative	957	313 (32.7)	1	
One positive	917	408 (44.5)	1.33 (1.18-1.49)	<.0001
Both positive	281	173 (61.6)	1.78 (1.55-2.04)	<.0001
ACPA, CRP	(n=1945)			
Both negative	822	271 (33.0)	1	
One positive	864	371 (42.9)	1.29 (1.14-1.45)	<.0001
Both positive	259	158 (61.0)	1.74 (1.50-2.02)	<.0001
14-3-3η, RF	(n=2083)			
Both negative	1070	412 (38.5)	1	
One positive	593	236 (39.8)	1.06 (0.93-1.21)	0.415
Both positive	420	232 (55.2)	1.40 (1.23-1.61)	<.0001
14-3-3η, ACPA	(n=1881)			
Both negative	903	349 (38.6)	1	
One positive	627	257 (41.0)	1.08 (0.95-1.23)	0.2488

Both positive	351	184 (52.4)	1.30 (1.11-1.51)	0.0009
14-3-3η, CRP	(n=2090)			
Both negative	935	347 (37.1)	1	
One positive	914	389 (42.6)	1.11 (1.00-1.24)	0.0538
Both positive	241	148 (61.4)	1.57 (1.36-1.8)	<.0001
14-3-3η, RF, CRP	(n=2083)			
All negative	721	255 (35.4)	1	
One positive	752	301 (40.0)	1.14 (1.00-1.30)	0.0515
Two positive	449	211 (47.0)	1.31 (1.13-1.52)	0.0004
All positive	161	113 (70.2)	1.91 (1.64-2.23)	<.0001
14-3-3η, ACPA, CRP	(n=1880)			
All negative	593	211 (35.6)	1	
One positive	745	296 (39.7)	1.12 (0.98-1.29)	0.0883
Two positive	401	189 (47.1)	1.30 (1.12-1.52)	0.0008
All positive	141	94 (66.7)	1.75 (1.46-2.10)	<.0001
14-3-3η, RF, ACPA	(n=1874)			
All negative	822	310 (37.7)	1	
One positive	411	154 (37.5)	1.06 (0.91-1.24)	0.4604
Two positive	347	161 (46.4)	1.23 (1.05-1.45)	0.0095
All positive	294	162 (55.1)	1.45 (1.24-1.70)	<.0001
RF, ACPA, CRP	(n=1938)			
All negative	713	220 (30.9)	1	
One positive	597	259 (43.4)	1.39 (1.21-1.60)	<.0001
Two positive	422	186 (44.1)	1.44 (1.23-1.69)	<.0001
All positive	206	132 (64.1)	1.99 (1.69-2.34)	<.0001
14-3-3η, RF, ACPA, CRP	(n=1874)			
All negative	537	184 (34.3)	1	
One positive	583	230 (39.5)	1.17 (1.01-1.36)	0.0375
Two positive	339	143 (42.2)	1.27 (1.07-1.50)	0.0058

Three positive	293	144 (49.1)	1.43 (1.19-1.71)	0.0001
All positive	122	86 (70.5)	1.98 (1.66-2.37)	<.0001
