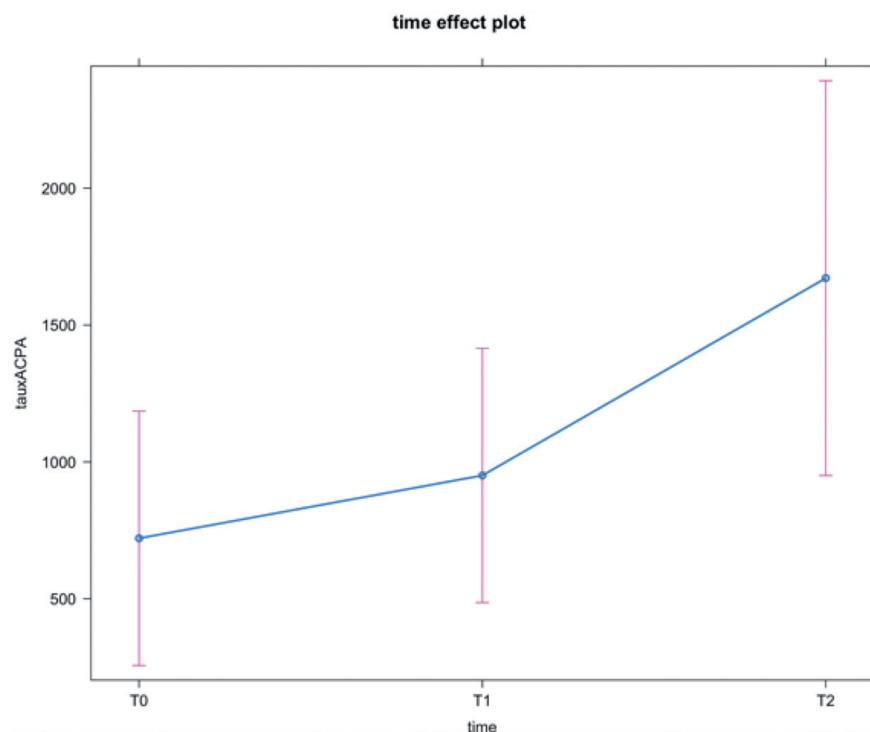


Supplementary Table S1. Correlation between disease activity and ACPA changes.

	deltaACPA	deltaDAS	Correct. coef.	p-value
All treatments	-1.27 (946.9)	0.90 (1.75)	0.11	0.25
High-ACPA n=72	5.09 (1339.9)	1.15 (1.70)	0.001	0.99
Low-ACPA n=72	-7.64 (102.2)	0.61 (1.79)	0.18	0.24
TNFi	-307.6 (1041.8)	1.02 (1.85)	-0.11	0.52
High-ACPA n=25	-640.1 (1474)	1.35 (1.81)	-0.14	0.55
Low-ACPA n=29	-20.9 (80.3)	0.56 (1.88)	0.08	0.76
Abatacept	-114.0 (884.4)	0.31 (2.04)	0.24	0.27
High-ACPA n=10	-303.4 (1591)	-0.21 (1.66)	0.69	0.06
Low-ACPA n=21	-23.8 (87.5)	0.61 (2.23)	0.13	0.66
Rituximab	338.31 (776.3)	1.11 (51.46)	0.14	0.36
High-ACPA n=37	524.4 (930)	1.40 (1.47)	-0.26	0.19
Low-ACPA n=22	25.3 (133.30)	0.64 (1.35)	0.58	0.02

**Supplementary Fig. S1.** ACPA titres increase in men.