Online supplement to: Does Etanercept Biosimilar Prescription in a Rheumatology Center Bend the Medication Cost Curve? The Journal of Rheumatology. doi:10.3899/jrheum.200565.

ONLINE SUPPLEMENTARY MATERIAL

Supplementary Table 1. Absolute Post-Interruption Trends.

	Post-interruption trend coefficient	Newey-West standard error	P-value	95% confidence interval	
RMC of total RA population	20200	2789.98	0.0000	14100	26300
RMC of total RA population adjusted for bDMARD cost	661	170.6739	0.0026	285.48	1036.78
RMC of patients being treated with bDMARD's	19300	2748.71	0.0000	13300	25200
Average RMC per patient being treated with bDMARDs	-19.25	12.5827	0.1521	-46.6611	8.1696
Percentage of patients being treated with bDMARDs	0.4997	0.0704	0.000	0.3463	0.6532

RMC= Rheumatic Medication Cost; RA Rheumatoid Arthritis; bDMRADs= biologic Disease-Modifying Anti Rheumatic Drugs.

Supplementary Table 2. Adjusted Model I. Average Cost Biologic Users Adjusted For BMI, Age, and Gender.

	coefficient	Newey-West standard error	P-value	95% confidence interval	
Estimate	-4095,33	23297,05	0,864	-56797,36	48606,7
pre-interruption trend	28,76	44,02	0,530	-70,81	128,35
post-interruption trend	398,94	149,42	0,026	-736,94	-60,94
Interruption	-107,9	102,37	0,319	-339,48	123,68
Body Mass Index	-366,28	507,81	0,489	-1515,03	782,47
Age, years	286,14	507,64	0,587	-862,21	1434,51
Gender, women	-16,04	83,57	0,852	-205,09	173,01

Supplementary Table 3: Adjusted Model II. Average Cost Biologic Users Adjusted for Rheumatic Factor, Anti-CCP, and Gender.

	coefficient	Newey-West standard error	P-value	95% confidence interval	
Estimate	14357,37	5413,01	0,029	1874,95	26839,79
pre-interruption trend	14,21	61,58	0,823	-127,78	156,21
Relative post-interruption trend	-440,29	122,39	0,007	-722,51	-158,07
Interruption	31,42	86,93	0,727	-169,04	231,88
Rheumatic factor positive	-21,61	30,44	0,498	-91,8	48,59
Anti-ccp positive	-52,19	42,86	0,258	-151,02	46,63
Age at initiating first bDMARD	-109,15	53,09	0,074	-231,57	13,27
DAS28 at initiating first bDMARD	-220,32	493,63	0,667	-1358,64	917,99

Anti-ccp= anti-cyclic citrullinated peptides; DAS28=Disease Activity Score 28 joint count; bDMARD= biologic Disease-Modifying Anti Rheumatic Drugs.