

Supplementary Table 1: Repeated measures analysis, linear mixed effect model of variables associated with cholesterol changes over 2 year follow-up in the TEAR trial (DAS28 model)

	TC		HDL-C		LDL-C		TC/HDL-C	
	Effect	p-value	Effect	p-value	Effect	p-value	Effect	p-value
DAS28 -per unit decrease	2.68	0.011	1.27	<0.001	1.67	0.035	0.03	0.045
Age -per year increase	1.05	<0.001	0.25	<0.001	0.66	<0.001	0.00	0.371
BMI- per unit increase	1.03	<0.001	-0.32	0.001	0.85	<0.001	0.03	<0.001
Treatment (Overall)		0.355		0.001		0.071		<0.001
MTX + ETA vs TT	5.98	0.174	-4.42	0.002	7.87	0.023	0.24	<0.001
MTX vs TT	2.12	0.665	-5.25	0.001	6.33	0.092	0.29	<0.001
MTX + ETA vs MTX	3.86	0.359	0.83	0.542	1.54	0.630	-0.05	0.428
Female vs Male	15.61	0.001	12.60	<0.001	5.64	0.140	-0.43	<0.001
Race (overall)		0.006		0.013		0.314		0.075
AA vs Caucasian	-16.71	0.018	-0.16	0.943	-6.16	0.284	-0.24	0.041
Others vs Caucasian	-17.15	0.016	-6.72	0.003	-6.79	0.241	0.10	0.414
AA vs Others	0.44	0.963	6.56	0.033	0.63	0.935	-0.34	0.035
Baseline Smoking Yes vs No	8.53	0.055	-3.39	0.017	11.36	0.002	0.28	<0.001
Baseline Predisone Use Yes vs No	9.90	0.016	5.51	<0.001	4.03	0.231	-0.13	0.062
Baseline Statin User: CVD vs no CVD	-36.12	0.019	-5.06	0.305	-32.52	0.011	-0.43	0.091
Baseline No Statin: CVD vs no CVD	-15.06	0.263	-5.42	0.209	-10.97	0.318	0.07	0.763
Baseline CVD : stain vs no statin	-52.20	0.007	-4.40	0.478	-52.02	0.001	-0.67	0.037
Baseline No CVD : stain vs no statin	-31.14	<0.001	-4.76	0.076	-30.46	<0.001	-0.17	0.214
Baseline Statin User: diabetes vs no diabetes	-11.05	0.383	0.41	0.919	-8.32	0.426	-0.19	0.373
Baseline No Statin: diabetes vs no diabetes	-12.52	0.145	-2.76	0.316	-14.92	0.034	0.09	0.522
Baseline diabetes : statin vs no statin	-29.67	0.029	-1.59	0.714	-23.87	0.032	-0.45	0.046
Baseline No diabetes : statin vs no statin	-31.14	<0.001	-4.76	0.076	-30.46	<0.001	-0.17	0.214

Change in TC, HDL-C, LDL-C, and TC/HDL-C are shown per categorical variable or per unit change in continuous variables as specified. Only significant associations besides time are shown in the table. DAS28 = disease activity score using a 28 joint count, BMI= body mass index, MTX = methotrexate, ETA= etanercept, TT= triple therapy, AA= African American, CVD = cardiovascular disease.