

## Supplementary table 1

Univariable and multivariable models of the impact of disease activity states on overall damage accrual. Alternative models

	Alternative Model 1		Alternative Model 2	
	Univariable	Multivariable	Univariable	Multivariable
	IRR (95%CI)	IRR (95%CI)	IRR (95%CI)	IRR (95%CI)
Remission off treatment	0.76 (0.67-0.85)	0.75 (0.69-0.80)		
Remission on treatment	0.71 (0.64-0.78)	0.69 (0.63-0.76)	0.73 (0.68-0.78)	0.72 (0.68-0.77)
LDA-TC	0.76 (0.67-0.85)	0.77 (0.69-0.86)	0.76 (0.68-0.86)	0.77 (0.69-0.87)
LLDAS				

Adjusted for age at diagnosis, sex, race/ethnicity, years of formal education, disease duration at baseline, highest dose of prednisone before the baseline visit, antimalarial use and SDI at the index visit.