

Supplementary Table 1. Fully-adjusted hazard ratios (95% CI) for systemic lupus erythematosus (SLE) by prudent and Western dietary pattern quartiles

	Prudent pattern quartiles					Western pattern quartiles				
	Q1 Least healthy	Q2	Q3	Q4 Most healthy	P trend	Q1 Most healthy	Q2	Q3	Q4 Least healthy	P trend
Nurses' Health Study (NHS)										
Cases/person-years	18/464,970	22/500,232	24/502,584	18/473,470		17/452,968	14/497,549	26/506,705	25/484,034	
Fully-adjusted model*	1.00 (ref)	1.11 (0.59,2.11)	1.17 (0.61,2.26)	0.89 (0.42,1.90)	0.74	1.00 (ref)	0.88 (0.43,1.81)	1.21 (0.59,2.47)	1.32 (0.57,3.08)	0.33
Nurses' Health Study II (NHSII)										
Cases/person-years	24/448,243	29/481,584	28/486,180	17/475,791		19/460,436	29/483,659	23/484,510	27/463,194	
Fully-adjusted model*	1.00 (ref)	1.26 (0.72,2.21)	1.21 (0.68,2.17)	0.77 (0.38,1.57)	0.41	1.00 (ref)	1.37 (0.75,2.49)	1.12 (0.57,2.20)	1.34 (0.61,2.95)	0.60
Meta-analysis (NHS+NHSII)										
Cases/person-years	42/913,213	51/981,816	52/988,764	35/949,261		36/913,404	43/981,208	49/991,215	52/947,228	
Fully-adjusted model*	1.00 (ref)	1.20 (0.79,1.82)	1.20 (0.77,1.85)	0.82 (0.49,1.38)	0.39	1.00 (ref)	1.14 (0.72,1.81)	1.16 (0.71,1.89)	1.33 (0.75,2.37)	0.32

* Adjusted for age, total average energy intake, race (Caucasian vs. non-Caucasian), smoking (never, past, current), BMI, physical activity (METS/week), U.S. Census tract median household income <\$60,000 vs ≥ \$60,000, oral contraceptive use (never vs. ever), menopausal status (pre-menopausal, post-menopausal and never used post-menopausal hormones, post-menopausal and ever used post-menopausal hormones). Meta-analysis further adjusted for cohort.