

Supplemental Table 5. Probing the Interaction of Log IL-6, Log TNF- α , and Log IL-8 with Months to Follow-up on Change in Depressive Symptoms (CDI) for Males and Females

	Months: Minimum (0.07 Months)		Months: 1 st Quartile (8.28 Months)		Months: 2 nd Quartile (13.32 Months)		Months: 3 rd Quartile (19.47 Months)		Months: 4 th Quartile (30.49 Months)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Fixed Effects	Coefficient (SE)	Coefficient (SE)	Coefficient (SE)	Coefficient (SE)	Coefficient (SE)	Coefficient (SE)	Coefficient (SE)	Coefficient (SE)	Coefficient (SE)	Coefficient (SE)
Part A: Log Interleukin-6 (Log IL-6) n=201										
Intercept	-4.261 (5.485) t=-0.777 $\beta=0.000$	-2.321 (5.489) t=-0.423 $\beta=0.000$	-9.338 (4.437) t=-2.105* $\beta=0.000$	-9.217 (4.419) t=-2.086* $\beta=0.000$	-12.454 (5.360) t=-2.323* $\beta=0.000$	-13.450 (5.316) t=-2.530* $\beta=0.000$	-16.255 (7.461) t=-2.179* $\beta=0.000$	-18.614 (7.391) t=-2.519* $\beta=0.000$	-23.067 (12.151) t=-1.898 $\beta=0.000$	-27.868 (12.042) t=-2.314* $\beta=0.000$
Log IL-6	2.147 (1.569) t=1.368 $\beta=0.134$	-0.924 (1.396) t=-0.662 $\beta=-0.058$	2.161 (1.388) t=1.557 $\beta=0.135$	1.822 (1.220) t=1.494 $\beta=0.114$	2.170 (1.691) t=1.283 $\beta=0.136$	3.507 (1.404) t=2.499* $\beta=0.219$	2.180 (2.300) t=0.948 $\beta=0.136$	5.563 (1.829) t=3.042** $\beta=0.348$	2.198 (3.636) t=0.605 $\beta=0.137$	9.247 (2.824) t=3.274** $\beta=0.578$
Part B: Log Tumor Necrosis Factor Alpha (Log TNF- α) n=200										
Intercept	-17.094 (8.872) t=-1.927 $\beta=0.000$	-3.712 (6.679) t=-0.556 $\beta=0.000$	-16.932 (7.356) t=-2.302* $\beta=0.000$	-12.639 (5.473) t=-2.309* $\beta=0.000$	-16.833 (8.535) t=-1.972 $\beta=0.000$	-18.118 (6.375) t=-2.842** $\beta=0.000$	-16.711 (11.428) t=-1.462 $\beta=0.000$	-24.802 (8.599) t=-2.884** $\beta=0.000$	-16.494 (18.163) t=-0.908 $\beta=0.000$	-36.780 (13.760) t=-2.673** $\beta=0.000$
Log TNF- α	10.365 (4.981) t=2.081* $\beta=0.294$	-0.779 (2.440) t=-0.319 $\beta=-0.022$	7.045 (4.317) t=1.632 $\beta=0.200$	3.464 (2.335) t=1.483 $\beta=0.098$	5.008 (4.995) t=1.003 $\beta=0.142$	6.068 (2.724) t=2.228* $\beta=0.172$	2.523 (6.563) t=0.384 $\beta=0.072$	9.245 (3.487) t=2.651** $\beta=0.263$	-1.931 (10.206) t=-0.189 $\beta=-0.055$	14.938 (5.205) t=2.870** $\beta=0.424$
Part C: Log Interleukin-8 (Log IL-8) n=199										
Intercept	-6.768 (6.221) t=-1.088 $\beta=0.000$	0.378 (5.932) t=0.064 $\beta=0.000$	-7.111 (5.298) t=-1.342 $\beta=0.000$	-5.606 (4.890) t=-1.146 $\beta=0.000$	-7.322 (6.243) t=-1.173 $\beta=0.000$	-9.278 (5.640) t=-1.645 $\beta=0.000$	-7.579 (8.380) t=-0.904 $\beta=0.000$	-13.759 (7.529) t=-1.827 $\beta=0.000$	-8.039 (13.250) t=-0.607 $\beta=0.000$	-21.788 (11.967) t=-1.821 $\beta=0.000$
Log IL-8	2.667 (2.171) t=1.229 $\beta=0.121$	-2.142 (1.970) t=-1.088 $\beta=-0.097$	-0.351 (1.887) t=-0.186 $\beta=-0.016$	-1.359 (1.710) t=-0.795 $\beta=-0.062$	-2.204 (2.141) t=-1.029 $\beta=-0.100$	-0.878 (1.980) t=-0.444 $\beta=-0.034$	-4.464 (2.758) t=-1.619 $\beta=-0.202$	-0.291 (2.600) t=-0.112 $\beta=-0.013$	-8.513 (4.232) t=-2.012* $\beta=-0.385$	0.759 (4.041) t=0.188 $\beta=-0.034$

Note: * $p<.05$, ** $p<.01$, CRP= c-reactive protein, IL-=interleukin, TNF- α = tumor necrosis factor alpha.

All models control for the effects of BMI, African American, Biracial, age at T1, family income, and the interaction between these effects, in addition to the effect of being female, and months since T1.