

Table 1. Experimental groups and sample sizes per dataset. Abbreviations: CTL: control, ELS: early-life stress, SAL: saline, LPS: lipopolysaccharide, HRD: high $\omega 6/\omega 3$ ratio diet, LRD: low $\omega 6/\omega 3$ ratio diet.

Condition	CTL				ELS			
Diet	HRD		LRD		HRD		LRD	
Treatment	SAL	LPS	SAL	LPS	SAL	LPS	SAL	LPS
Broad lipidomic dataset	CTL-HRD-SAL (8)	CTL-HRD-LPS (6)	CTL-LRD-SAL (7)	CTL-LRD-LPS (8)	ELS-HRD-SAL (7)	ELS-HRD-LPS (8)	ELS-LRD-SAL (7)	ELS-LRD-LPS (8)
Oxylipin dataset	CTL-HRD-SAL (8)	CTL-HRD-LPS (7)	CTL-LRD-SAL (8)	CTL-LRD-LPS (8)	ELS-HRD-SAL (7)	ELS-HRD-LPS (9)	ELS-LRD-SAL (7)	ELS-LRD-LPS (8)
Cytokine dataset	CTL-HRD-SAL (11)	CTL-HRD-LPS (7)	CTL-LRD-SAL (12)	CTL-LRD-LPS (9)	ELS-HRD-SAL (12)	ELS-HRD-LPS (7)	ELS-LRD-SAL (11)	ELS-LRD-LPS (8)