

Results of multivariable logistic regression analyses: Odds ratios (95% confidence intervals) for depressive disorders ONLY, anxiety disorders ONLY and comorbid depression and anxiety, adjusted for energy intake and DQS

	Comorbid group n = 17		MDD/ Dysthymia n = 51 Depression only n= 34		Anxiety Disorders n = 66 Anxiety Only n = 49	
	OR	95% CI	OR	95% CI	OR	95% CI
LA						
Lowest (ref)			1		1	
2	0.73	0.20 to 2.70	0.53 0.45	0.25 to 1.12 0.18 to 1.10	0.76 0.74	0.40 to 1.46 0.35 to 1.55
3	1.50	0.46 to 4.90	0.84 0.61	0.42 to 1.70 0.26 to 1.45	1.10 0.96	0.59 to 2.07 0.46 to 1.98
AA						
Lowest (ref)			1		1	
2	0.66	0.19 to 2.35	0.69 0.73	0.33 to 1.45 0.30 to 1.80	1.27 1.49	0.71 to 2.28 0.77 to 2.88
3	0.96	0.30 to 3.11	0.94 0.89	0.47 to 1.89 0.38 to 2.07	0.55 0.43	0.27 to 1.23 0.18 to 1.04
ALA						
Lowest (ref)			1		1	
2	0.38	1.00 to 1.48	0.82 1.19	0.39 to 1.69 0.48 to 2.91	0.83 1.04	0.33 to 1.49
3	0.77	0.25 to 2.67	1.03 1.23	0.51 to 2.08 0.50 to 3.00	0.71 0.67	0.33 to 1.49
EPA						
Lowest (ref)			1		1	
2	0.44	0.11 to 1.76	0.80 1.05	0.37 to 1.71 0.41 to 2.65	0.74 0.85	0.40 to 1.38 0.43 to 1.70
3	0.97	0.30 to 3.12	1.31 1.51	0.64 to 2.69 0.61 to 3.72	0.62 0.54	0.32 to 1.21 0.24 to 1.19
DPA						

Comment [FJ1]: Due to the low numbers in this group and the number of statistical tests now conducted, we believe this to be a type 1 error

Lowest			1		1	
(ref)						
2	0.65	0.18 to 2.30	0.76	0.38 to 1.55	0.90	0.50 to 1.65
			0.83	0.36 to 1.92	0.98	0.50 to 1.93
3	1.00	0.31 to 3.25	0.77	0.37 to 1.57	0.67	0.35 to 1.30
			0.64	0.27 to 1.56	0.57	0.26 to 1.24
DHA						
Lowest			1		1	
(ref)						
2	0.25	0.52 to 1.20	0.31	0.12 to 0.79	0.78	0.43 to 1.42
			0.34	0.11 to 1.09	0.96	0.49 to 1.87
3	0.84	0.27 to 2.65	1.44	0.73 to 2.83	0.49	0.24 to 0.98
			1.74	0.76 to 3.97	0.40	0.17 to 0.96