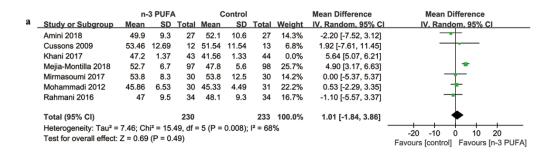
Fig.S1. Forest plots of HDL-C (a) and LDL-C (b) levels after sensitivity analysis among PCOS patients



		n-3 PUFA			Control			Mean Difference		Mean Difference
b	Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI	IV. Random, 95% CI
	Amini 2018	93.3	23	27	94.2	25.3	27	0.3%	-0.90 [-13.80, 12.00]	_
	Cussons 2009	108.96	32.08	12	106.67	34.78	13	0.1%	2.29 [-23.92, 28.50]	
	Khani 2017	107.79	1.68	43	117.4	1.57	44	99.0%	-9.61 [-10.29, -8.93]	
	Mejia-Montilla 2018	84.7	11.2	97	110.4	15.4	98	0.0%	-25.70 [-29.48, -21.92]	
	Mirmasoumi 2017	92.5	43.5	30	92.9	27.8	30	0.1%	-0.40 [-18.87, 18.07]	
	Mohammadi 2012	102.25	29.59	30	117.25	27.44	31	0.2%	-15.00 [-29.33, -0.67]	
	Rahmani 2016	94.4	29.8	34	104.8	26.3	34	0.3%	-10.40 [-23.76, 2.96]	-
	Total (95% CI)			176			179	100.0%	-9.58 [-10.26, -8.90]	
Heterogeneity: $Tau^2 = 0.00$; $Chi^2 = 4.05$, $df = 5$ (P = 0.54); $I^2 = 0\%$									-100 -50 0 50 100	
	Test for overall effect: Z = 27.60 (P < 0.00001)									Favours [n-3 PUFA] Favours [control]