

Difference between volume NMA estimated relative effect compared to placebo and ranks

Ranks in *italics*, and bold diagonal is relative effect and rank compared to placebo

Intervention	Ala	Bestfertil	Coenzyme Q10	Dha + fsv	Dha 400-500 mg	Dha 800-1000 mg	Dha 1500-2000 mg	Epaa-dha	Folic acid	Folic acid + zinc	Herbal supplement	L- acetylcarnitine	L-carnitine	L-carnitine + acetylcarnitine	Lycopene	Myoinositol	N-acetyl cysteine	Nigella sativa seed oil	Omega-3 fatty acids	Prolox	Profertil	Proxeed plus	Saffron	Selenium	Vitamin c + vitamin E	Vitamin D3	Vitamin D3 + calcium	Vitamin E	Zinc	Placebo/No treatment	
Ala	-0.01 (-0.39, 0.38) 19 (8, 28)	0.17 (-0.08, 0.41) <i>-4 (-4, 1)</i>	-0.09 (-0.03, -0.18) 3 (3, 0)	0.03 (0.11, -0.04) <i>-1 (1, -2)</i>	0.36 (0.21, 0.47) <i>-8 (-5, -4)</i>	0.03 (-0.23, 0.3) <i>-1 (-3, 1)</i>	0.42 (0.32, 0.5) <i>-10 (-5, -7)</i>	-0.09 (-0.17, -0.04) 2 (1, 1)	0.06 (-0.29, 0.39) <i>-2 (-4, 2)</i>	0.1 (0.17, 0.12) <i>-3 (-1, -3)</i>	0.48 (0.46, 0.49) <i>-11 (-5, -12)</i>	-0.12 (-0.2, -0.04) 3 (1, 1)	-0.01 (0.16, -0.17) <i>0 (-3, -2)</i>	-0.37 (-0.41, -0.35) 8 (9, 2)	1.3 (0.21, 2.39) <i>-15 (-7, -4)</i>	0 (-0.18, 0.17) <i>0 (-2, 1)</i>	0.6 (0.47, 0.73) <i>-12 (-6, -12)</i>	1.16 (0.62, 1.67) <i>-15 (-7, -17)</i>	-0.44 (-1.21, 0.31) 6 (-4, 2)	1.35 (1.12, 1.49) <i>-17 (-7, -24)</i>	-0.06 (-0.09, -0.03) 2 (1, 1)	-0.02 (-0.12, 0.07) <i>0 (-1, 1)</i>	-0.08 (-0.18, 0.01) 2 (0, 1)	0.5 (0.45, 0.55) <i>-11 (-5, -11)</i>	-0.3 (-1.27, 0.71) 3 (-5, 2)	-0.06 (-0.17, 0.04) 2 (0, 1)	0.41 (0.3, 0.52) <i>-9 (-5, -9)</i>	0.2 (0.07, 0.33) <i>-5 (-4, -1)</i>	-0.09 (-0.21, 0.03) 2 (0, 1)	NA <i>0 (6, -5)</i>	
Bestfertil	-0.17 (0.08, -0.41) 4 (4, -1)	0.16 (-0.48, 0.79) 15 (4, 29)	-0.25 (0.06, -0.59) <i>7 (7, -1)</i>	-0.14 (0.19, -0.45) <i>3 (5, -3)</i>	0.19 (0.29, 0.06) <i>-4 (-1, -5)</i>	-0.13 (-0.15, -0.11) 3 (1, 0)	0.25 (0.4, 0.09) <i>-6 (-1, -8)</i>	-0.26 (-0.21, -0.02) 6 (5, 0)	-0.1 (0.25, -0.29) <i>2 (0, 1)</i>	-0.06 (1.3, -4)	0.31 (0.54, 0.08) <i>-7 (-1, -13)</i>	-0.28 (-0.12, -0.44) 7 (5, 0)	-0.17 (-0.33, -0.75) <i>12 (13, 1)</i>	1.13 (0.3, 1.99) <i>-11 (-3, -5)</i>	-0.17 (-0.1, -0.24) 4 (2, 0)	0.44 (0.55, 0.33) <i>-8 (-2, -13)</i>	0.99 (0.71, 1.26) <i>-10 (-3, -18)</i>	-0.6 (-1.13, 0.09) 10 (0, 1)	1.18 (1.29, 1.08) <i>-13 (-3, -25)</i>	-0.23 (-0.01, -0.44) 6 (5, 0)	-0.19 (-0.4, -0.34) <i>4 (3, 0)</i>	-0.25 (-0.1, -0.4) 5 (3, 14)	-0.34 (-0.53, 0.14) <i>-7 (-1, -12)</i>	-0.23 (-0.09, -0.37) 6 (4, 0)	0.24 (0.38, 0.11) <i>-5 (-1, -7)</i>	0.03 (0.15, -0.08) 4 (1, 3)	-0.25 (-0.13, -0.38) 6 (4, 0)	NA <i>4 (10, -6)</i>			
Coenzyme Q10	0.08 (0.03, 0.18) <i>-3 (-3, 0)</i>	0.25 (-0.06, 0.59) <i>-7 (-7, 1)</i>	-0.1 (-0.42, 0.2) 21 (11, 28)	0.11 (0.13, 0.14) <i>-3 (-2, -2)</i>	0.45 (0.2, 0.48) <i>-11 (-8, -4)</i>	0.12 (0.23, 0.68) <i>-3 (-6, 1)</i>	0.5 (0.34, 0.68) <i>-12 (-8, -7)</i>	-0.01 (-0.15, 0.14) 2 (2, 1)	0.15 (0.2, 0.3) <i>-4 (-7, 2)</i>	0.19 (0.49, 0.67) <i>-6 (-4, -3)</i>	0.56 (0.48, 0.67) <i>-14 (-8, -12)</i>	-0.03 (-0.17, 0.14) 0 (2, 1)	0.08 (0.18, 0.01) <i>-2 (-2, -2)</i>	-0.28 (-0.36, -0.17) 6 (6, 2)	1.39 (0.24, 2.57) <i>-17 (-7, -10)</i>	0.09 (0.5, 0.91) <i>-3 (-5, 1)</i>	0.25 (0.65, 1.84) <i>-15 (-9, -12)</i>	0.6 (0.85, 1.84) <i>-18 (-10, -17)</i>	-0.35 (-1.18, 0.49) 3 (-7, 2)	1.43 (1.23, 1.67) <i>-19 (-10, -24)</i>	0.07 (-0.06, 0.15) 1 (-2, 1)	0.07 (-0.16, 0.19) <i>0 (-3, 1)</i>	0.59 (0.48, 0.73) <i>-14 (-8, -11)</i>	-0.21 (-1.19, 0.3) 7 (1, 1)	0.03 (0.32, 0.69) <i>-1 (-3, 1)</i>	0.49 (0.32, 0.69) <i>-7 (-7, -1)</i>	0 (-0.18, 0.21) 1 (-3, 1)	NA <i>-3 (-3, -5)</i>			
Dha + fsv	-0.03 (-0.11, 0.04) <i>1 (-1, 2)</i>	0.14 (-0.19, 0.45) <i>-3 (-5, -3)</i>	-0.11 (-0.13, -0.14) 3 (2, 2)	0.02 (-0.29, 0.34) 18 (9, 26)	0.33 (0.1, 0.51) <i>-8 (-6, -2)</i>	0.01 (-0.33, 0.34) <i>0 (-4, 3)</i>	0.39 (0.21, 0.54) <i>-9 (-6, -5)</i>	-0.12 (-0.21, 0.54) 3 (0, 3)	-0.04 (-0.4, 0.4) <i>-1 (-5, 4)</i>	0.08 (0.07, 0.16) <i>-2 (-2, -1)</i>	0.45 (0.35, 0.53) <i>-10 (-6, -10)</i>	-0.14 (-0.3, 0) 4 (0, 3)	-0.03 (0.05, -0.13) <i>1 (-3, 3)</i>	-0.4 (-0.51, -0.31) 9 (8, 4)	1.27 (0.11, 2.43) <i>-14 (-8, -2)</i>	-0.02 (-0.29, 0.21) 1 (-3, 3)	0.58 (0.36, 0.77) <i>-12 (-7, -10)</i>	1.13 (0.52, 1.7) <i>-15 (-8, -15)</i>	-0.46 (-1.31, 0.35) 6 (-5, 4)	1.32 (1.1, 1.53) <i>-16 (-8, -22)</i>	-0.09 (-0.2, 0.01) 3 (0, 3)	-0.11 (-0.29, 0.05) <i>3 (-1, 3)</i>	0.48 (-0.35, 0.59) <i>-10 (-6, -9)</i>	-0.32 (-1.38, 0.75) 4 (-6, 4)	-0.09 (-0.19, 0.55) <i>2 (-1, 3)</i>	0.38 (-0.04, 0.37) 5 (1, 5)	0.17 (-0.31, 0.07) <i>-4 (-5, 1)</i>	-0.11 (-0.31, 0.07) 3 (-1, 3)	NA <i>0 (5, -3)</i>		
Dha 400-500 mg	-0.36 (-0.21, -0.47) 8 (5, 4)	-0.19 (-0.29, -0.08) <i>4 (1, 5)</i>	-0.45 (-0.23, -0.65) 11 (8, 4)	-0.33 (-0.1, -0.51) <i>8 (6, 2)</i>	0.35 (-0.44, -0.17) 10 (3, 24)	-0.33 (-0.44, -0.17) 10 (3, 24)	0.06 (0.11, 0.03) <i>-1 (-1, -3)</i>	-0.45 (-0.38, -0.51) 11 (6, 5)	-0.45 (-0.5, -0.09) <i>7 (1, 6)</i>	-0.26 (-0.04, -0.35) <i>-2 (-2, -4)</i>	0.12 (0.25, 0.02) <i>-2 (-2, -4)</i>	-0.47 (-0.41, -0.51) 11 (6, 5)	-0.37 (-0.05, -0.64) <i>9 (8, 2)</i>	-0.73 (-0.62, -0.81) 17 (14, 9)	0.94 (0.01, 1.92) <i>-6 (-2, 0)</i>	-0.36 (-0.39, -0.3) 8 (3, 5)	0.24 (0.42, 1.2) <i>-4 (-1, -9)</i>	-0.79 (-1.42, -0.16) 14 (1, 6)	0.99 (1, 1.02) <i>-16 (-4, -25)</i>	-0.42 (-0.3, -0.5) 10 (6, 5)	-0.38 (-0.33, -0.4) <i>9 (4, 5)</i>	-0.44 (-0.39, -0.48) 11 (5, 5)	0.14 (-0.48, 0.24) <i>-3 (-3, -7)</i>	-0.66 (-0.38, -0.43) 12 (0, 6)	-0.42 (-0.09, 0.05) <i>5 (1, 5)</i>	0.05 (-0.14, -0.14) 12 (0, 6)	-0.16 (-0.42, -0.44) <i>4 (-1, -2)</i>	-0.45 (-0.31, 0.07) 3 (-1, 3)	NA <i>8 (11, -1)</i>		
Dha 800-1000 mg	-0.03 (0.23, -0.3) <i>1 (3, -1)</i>	0.13 (0.15, 0.11) 3 (6, 1)	-0.12 (0.2, -0.48) <i>1 (8, 4)</i>	-0.01 (0.3, -0.34) <i>0 (-4, 3)</i>	0.33 (0.44, 0.17) <i>1 (0, 3)</i>	0.02 (-0.62, 0.68) 18 (5, 29)	0.39 (0.54, 0.2) <i>9 (2, 8)</i>	0.03 (0.06, -0.34) <i>11 (6, 5)</i>	0.07 (0.07, 0.09) <i>-1 (-1, 1)</i>	0.44 (0.69, 0.19) <i>-10 (-2, -13)</i>	-0.15 (0.03, -0.33) <i>1 (6, 3)</i>	-0.04 (-0.39, -0.47) 9 (12, 1)	-0.4 (-0.18, -0.64) <i>14 (-4, -5)</i>	1.26 (0.44, 2.1) <i>-14 (-4, -5)</i>	1.02 (0.04, -0.13) <i>1 (1, 0)</i>	0.57 (0.7, 0.44) <i>-11 (-3, -1)</i>	1.13 (0.85, 1.37) <i>-15 (-4, -18)</i>	-0.47 (-0.98, 0.02) 6 (-1, 1)	1.31 (1.43, 1.19) <i>-16 (-4, -25)</i>	-0.1 (0.1, -0.23) 3 (4, 0)	-0.05 (-0.2, 0.1) <i>0 (-1, 0)</i>	-0.12 (0.04, -0.29) 3 (-3, 0)	0.47 (0.68, 0.26) <i>-10 (-2, -12)</i>	-0.33 (-1.04, 0.41) 4 (-2, 1)	-0.09 (0.06, -0.26) <i>2 (3, 0)</i>	0.37 (0.52, 0.22) <i>-9 (-2, -7)</i>	0.16 (0.3, 0.03) 3 (3, 0)	-0.12 (0.02, -0.26) <i>3 (3, 0)</i>	NA <i>1 (8, -6)</i>		
Dha 1500-2000 mg	-0.42 (-0.32, -0.5) <i>10 (5, 7)</i>	-0.25 (-0.4, -0.09) <i>6 (1, 9)</i>	-0.5 (-0.34, -0.68) <i>12 (6, 7)</i>	-0.39 (-0.21, -0.54) <i>9 (6, 5)</i>	-0.06 (-0.11, -0.03) 1 (0, 3)	-0.39 (-0.54, -0.2) 9 (3, 21)	-0.41 (-0.49, -0.51) 9 (3, 21)	-0.51 (-0.49, -0.54) <i>8 (1, 9)</i>	-0.35 (-0.61, -0.11) <i>7 (4, 4)</i>	-0.31 (-0.14, -0.38) <i>-1 (-0, -3)</i>	0.06 (-0.51, -0.53) <i>10 (5, 9)</i>	-0.53 (-0.46, -0.6) 10 (5, 9)	-0.47 (-0.73, -0.84) <i>12 (6, 8)</i>	0.88 (-0.1, 1.89) <i>-5 (-2, 1)</i>	0.8 (0.01, 1.59) <i>-18 (14, 9)</i>	-0.42 (-0.5, -0.33) 10 (5, 9)	0.19 (0.15, 0.23) <i>-3 (-1, -5)</i>	0.74 (0.31, 1.17) <i>-15 (-8, -22)</i>	-0.85 (-1.52, -0.19) 13 (0, 1)	0.93 (0.89, 0.99) <i>-12 (-6, 9)</i>	-0.48 (-0.41, -0.53) 10 (6, 4)	-0.44 (-0.5, -0.49) <i>12 (5, 8)</i>	-0.5 (-0.14, 0.05) 13 (0, 1)	-0.72 (-1.59, 0.21) <i>13 (0, 1)</i>	-0.48 (-0.48, -0.48) <i>1 (0, 1)</i>	-0.01 (-0.02, 0.02) 5 (1, 5)	-0.22 (-0.25, -0.17) <i>5 (1, 5)</i>	-0.5 (-0.52, -0.47) 9 (11, 2)			
Epaa-dha	0.09 (0.17, 0.04) <i>-2 (-1, -1)</i>	0.26 (0.09, 0.45) <i>-6 (-5, 0)</i>	0.01 (-0.15, -0.14) <i>0 (-2, -1)</i>	0.12 (0.28, 0) <i>-3 (-0, -3)</i>	0.45 (0.38, 0.51) <i>-11 (-6, -2)</i>	0.13 (-0.06, 0.34) <i>-3 (-4, 0)</i>	0.51 (0.49, 0.54) <i>-12 (-6, -8)</i>	-0.1 (-0.57, 0.34) 21 (9, 29)	0.16 (-0.12, 0.43) <i>-4 (-5, 1)</i>	0.2 (0.34, 0.16) <i>-3 (-2, -4)</i>	0.57 (0.63, 0.53) <i>-13 (-6, -13)</i>	-0.02 (-0.3, 0) 0 (0, 0)	0.09 (0.33, -0.13) <i>-2 (-2, -3)</i>	-0.28 (-0.24, -0.3) 6 (8, 1)	1.39 (0.39, 2.43) <i>-17 (-8, -5)</i>	0.1 (-0.01, 0.21) <i>-3 (-3, 0)</i>	0.7 (0.84, 0.77) <i>-15 (-7, -12)</i>	1.25 (1.37, 1.53) <i>-18 (-8, -12)</i>	-0.34 (-1.04, 0.35) 3 (-5, 1)	1.44 (1.37, 1.53) <i>-19 (-8, -25)</i>	0.03 (0.08, 0.01) <i>-1 (-1, 0)</i>	0.07 (0.05, 0.11) <i>-2 (-2, 0)</i>	0.01 (-0.01, 0.05) <i>0 (-1, 0)</i>	0.6 (0.82, 0.59) <i>-14 (-6, -12)</i>	-0.2 (-0.08, -0.38) <i>-1 (-1, 0)</i>	0.3 (0.09, -0.07) 2 (3, 0)	0.5 (0.24, 0.76) <i>-7 (-5, -7)</i>	0.29 (-0.04, 0.07) <i>0 (-1, 0)</i>	NA <i>-3 (-5, -6)</i>		
Folic acid	-0.06 (0.29, -0.39) <i>2 (4, -2)</i>	0.1 (0.21, 0.02) <i>-2 (-0, -1)</i>	-0.15 (0.27, -0.57) <i>4 (-2, -1)</i>	-0.04 (0.4, -0.43) <i>1 (5, -4)</i>	0.3 (0.5, 0.08) <i>-7 (-1, -6)</i>	-0.03 (0.07, -0.09) <i>1 (1, -1)</i>	0.35 (0.61, 0.11) <i>-8 (-1, -9)</i>	0.35 (0.12, -0.43) 17 (9, 30)	0.04 (0.75, 0.1) <i>-1 (-3, -5)</i>	0.04 (-0.47, -0.27) <i>-9 (-1, -14)</i>	0.41 (0.4, 0.42) <i>-10 (13, 0)</i>	-0.18 (-0.09, -0.43) 5 (5, -1)	-0.07 (-0.45, -0.56) <i>2 (-2, -4)</i>	-0.44 (-0.12, -0.73) 13 (3, -9)	1.23 (0.51, 2) <i>-13 (-3, -9)</i>	0.54 (0.76, 0.3) <i>-2 (2, -1)</i>	1.1 (0.92, 1.28) <i>-14 (-3, -19)</i>	-0.5 (-0.91, -0.08) 7 (0, 0)	1.28 (1.5, 1.1) <i>-15 (-3, -28)</i>	-0.13 (0.2, -0.42) 4 (-5, -1)	-0.08 (0.17, -0.32) <i>4 (-4, -1)</i>	-0.15 (-0.1, -0.38) 4 (4, -1)	0.44 (-0.98, 0.32) <i>5 (-1, 5)</i>	-0.36 (0.12, -0.35) 3 (4, -1)	0.34 (0.59, 0.13) <i>-1 (-1, 3)</i>	0.13 (0.36, -0.06) 4 (4, -1)	-0.15 (0.08, -0.36) <i>4 (4, -1)</i>	NA <i>1 (10, -7)</i>			
Folic acid + zinc	-0.1 (-0.17, -0.12) <i>3 (1, 3)</i>	0.06 (-0.25, 0.29) <i>6 (4, 3)</i>	-0.19 (-0.2, -0.3) 6 (4, 3)	-0.06 (-0.07, -0.16) <i>2 (2, 1)</i>	0.26 (0.04, 0.35) <i>-6 (-4, -1)</i>	0.03 (0.14, 0.38) <i>2 (2, 4)</i>	0.31 (0.4, 0.18) <i>-7 (-4, -1)</i>	0.3 (-0.34, -0.16) 5 (2, 4)	0.2 (-0.47, 0.27) <i>2 (4, -4)</i>	0.4 (-0.22, 0.5) 16 (7, 25)	0.37 (-0.36, -0.16) <i>6 (2, 4)</i>	-0.22 (-0.58, -0.46) 11 (3, 5)	-0.11 (-0.29, 0.37) <i>3 (4, 1)</i>	-0.4 (-0.4, -0.4) 11 (10, 5)	0.1 (0.04, 0.22) <i>3 (-1, 3)</i>	0.05 (-0.36, 0.05) <i>3 (-1, 4)</i>	0.5 (0.45, 1.55) <i>-9 (-5, -9)</i>	1.06 (-1.38, 0.19) 9 (-3, 5)	-0.34 (-0.28, 0.15) <i>5 (2, 4)</i>	-0.12 (-0.3, -0.05) 3 (0, 4)	-0.19 (-0.36, -0.1) <i>5 (1, 4)</i>	0.4 (-0.4, -0.8) 6 (4, 5)	0.3 (-0.34, 0.08) <i>-1 (-4, -3)</i>	0.3 (0.12, 0.4) <i>-1 (-1, 2)</i>	0.3 (-0.1, 0.21) 5 (1, 4)	0.3 (-0.38, -0.09) <i>5 (1, 4)</i>	NA <i>3 (7, -2)</i>				
Herbal supplement	-0.48 (-0.46, -0.49) <i>11 (5, 12)</i>	-0.31 (-0.54, -0.08) <i>7 (1, 13)</i>	-0.56 (-0.48, -0.7) <i>14 (8, 12)</i>	-0.45 (-0.35, -0.53) <i>10 (6, 10)</i>	-0.12 (-0.25, -0.02) 2 (0, 8)	-0.44 (-0.69, -0.19) <i>10 (2, 13)</i>	-0.06 (-0.14, 0.01) 7 (0, 5)	-0.57 (-0.63, -0.53) <i>13 (3, 18)</i>	-0.41 (-0.75, -0.1) <i>9 (1, 14)</i>	-0.37 (-0.29, -0.37) <i>8 (4, 9)</i>	0.47 (-0.68, -0.53) 8 (3, 16)	-0.59 (-0.3, -0.66) <i>11 (8, 10)</i>	-0.12 (-0.36, -0.47) 14 (6, 13)	1.41 (-0.21, 0.31) <i>-19 (-14, -14)</i>	0.12 (0.36, -0.13) <i>-3 (-3, -3)</i>	0.72 (0.01, 1.43) <i>-15 (-8, -5)</i>	1.28 (0.67, 0.77) <i>-3 (-3, -3)</i>	-0.32 (-1.1, 1.53) 17 (1, 14)	1.46 (1.01, 1.93) <i>-20 (-8, -25)</i>	0.05 (0.11, 0.1) <i>-1 (-1, 0)</i>	0.01 (-0.58, -0.42) 3 (-5, 1)	-0.54 (-0.55, -0.52) <i>17 (1, 14)</i>	-0.5 (-0.81, -0.17) <i>-4 (-2, -12)</i>	0.87 (0.74, 1) <i>-16 (-4, -12)</i>	0.7 (-0.48, -0.48) 13 (5, 13)	-0.78 (-1.73, 0.22) <i>14 (2, 14)</i>	-0.54 (-0.83, -0.45) 13 (5, 13)	-0.07 (-0.16, 0.03) <i>2 (0, 6)</i>	-0.28 (-0.39, -0.16) <i>6 (1, 1)</i>	-0.56 (-0.67, -0.46) 13 (5, 13)	NA <i>11 (11, 7)</i>
L- acetylcarnitine	0.12 (0.2, 0.04) <i>-3 (-1, -1)</i>	0.28 (0.12, 0.44) <i>-4 (-2, -1)</i>	0.03 (-0.17, -0.2) <i>0 (-2, -1)</i>	-0.14 (0.3, -0.3) <i>-1 (-2, 0)</i>	0.4 (-0.01, 0.51) <i>-1 (-1, -3)</i>	0.14 (0.01, 0.27) <i>-1 (-1, -3)</i>	0.47 (0.51, 0.44) <i>-4 (-4, -3)</i>	0.15 (0.51, 0.54) <i>-4 (-4, -3)</i>	0.53 (0.39, 0.68) <i>-5 (-5, -1)</i>	0.2 (-0.09, -0.43) <i>-6 (-2, -1)</i>	0.22 (0.63, 0.53) <i>-14 (-6, -13)</i>	-0.12 (-0.59, 0.36) 21 (9, 29)	0.11 (0.36, -0.13) <i>-3 (-2, -3)</i>	-0.26 (-0.21, 0.31) 9 (8, 4)	1.41 (0.01, 2.83) <i>-19 (-14, -14)</i>	0.12 (0.31, 0.9) <i>-3 (-3, 0)</i>	0.72 (0.88, 1.08) <i>-15 (-7, -12)</i>	1.28 (1.03, 2.01) <i>-20 (-8, -25)</i>	-0.32 (-1.1, 1.53) 17 (1, 14)</												