Author	Year	BMD (mean +/- SD) of no-NAFLD group	BMD (mean +/- SD) of NAFLD group		WMD (95% CI)	% Weight
NOS<8 (Whole Body)						
Bhatt	2013	1.10±0.11	1.20±0.10		-0.10 (-0.12, -0.08)	100.00
Subtotal (I-squared = .%, p = .)					-0.10 (-0.12, -0.08)	100.00
.						
NOS<8 (Lumbar Site)						
Bhatt	2013	1.05±0.09	1.08±0.10		-0.03 (-0.05, -0.01)	16.71
Kaya	2012	0.94±0.13	1.06±0.12		-0.12 (-0.17, -0.06)	12.30
Moon (post-menopausal women)	2012	1.01±0.20	0.98±0.10		0.03 (-0.01, 0.07)	14.26
Moon (pre-menopausal women)	2012	1.15±0.10	1.18±0.20		-0.03 (-0.07, 0.01)	14.85
Cui (men)	2013	1.04±0.18	0.99±0.16		0.06 (0.01, 0.10)	13.66
Cui (post-menopausal women)	2013	0.84±0.15	0.81±0.14		0.03 (-0.01, 0.07)	14.59
Kim	2017	0.89±0.17	0.92±0.18		-0.02 (-0.07, 0.02)	13.62
Subtotal (I-squared = 83.3%, p = 0.000)					-0.01 (-0.05, 0.02)	100.00
.						
NOS<8 (Femoral Neck Site)						
Kaya	2012	0.97±0.13	1.00±0.12		-0.03 (-0.09, 0.02)	21.61
Cui (men)	2013	0.81±0.13	0.74±0.12		0.08 (0.04, 0.11)	26.16
Cui (post-menopausal women)	2013	0.69±0.13	0.65±0.13		0.04 (0.01, 0.08)	25.94
Kim	2017	0.68±0.12	0.70±0.13		-0.02 (-0.05, 0.02)	26.29
Subtotal (I-squared = 85.5%, p = 0.000)					0.02 (-0.03, 0.07)	100.00
.						
NOS<8 (Femoral Hip Site)						
Cui (men)	2013	0.93±0.12	0.85±0.12		0.08 (0.05, 0.11)	34.16
Cui (post-menopausal women)	2013	0.80±0.15	0.72±0.14		0.08 (0.04, 0.12)	32.84
Kim	2017	0.83±0.14	0.85±0.15		-0.02 (-0.06, 0.02)	33.00
Subtotal (I-squared = 89.3%, p = 0.000)					0.05 (-0.02, 0.11)	100.00
.						
NOS≥8 (Whole Body)						
Xia	2016	1.07±0.11	1.05±0.11		0.02 (0.01, 0.03)	100.00
Subtotal (I-squared = .%, p = .)					0.02 (0.01, 0.03)	100.00
.						
NOS≥8 (Lumbar Site)						
Xia	2016	1.06±0.17	1.04±0.17		0.03 (0.01, 0.04)	22.18
Lee (men)	2016	1.18±0.19	1.23±0.17		-0.05 (-0.06, -0.04)	22.88
Lee (post-menopausal women)	2016	0.99±0.15	1.03±0.15		-0.04 (-0.05, -0.03)	23.08
Lee	2018	1.06±0.14	1.05±0.10		0.01 (0.00, 0.02)	23.20
Mantovani (post-menopausal T2DM women)	2018	1.06±0.16	1.07±0.18		-0.01 (-0.10, 0.08)	8.66
Subtotal (I-squared = 96.2%, p = 0.000)					-0.01 (-0.05, 0.02)	100.00
.						
NOS≥8 (Femoral Hip Site)						
Xia	2016	0.82±0.12	0.80±0.11		0.01 (0.00, 0.02)	45.38
Lee	2018	0.92±0.11	0.92±0.10		0.00 (-0.01, 0.01)	50.62
Mantovani (post-menopausal T2DM women)	2018	0.87±0.14	0.94±0.15		-0.07 (-0.15, 0.01)	4.00
Subtotal (I-squared = 67.2%, p = 0.048)					0.00 (-0.01, 0.02)	100.00
.						
NOS≥8 (Femoral Neck Site)						
Lee (men)	2016	0.93±0.14	0.96±0.13		-0.02 (-0.03, -0.02)	18.77
Lee (post-menopausal women)	2016	0.79±0.11	0.81±0.11		-0.02 (-0.02, -0.01)	19.01
Umehara (men)	2018	0.81±0.13	0.84±0.10		-0.03 (-0.03, -0.02)	18.87
Umehara (post-menopausal women)	2018	0.70±0.12	0.74±0.10		-0.04 (-0.05, -0.03)	18.92
Lee	2018	0.86±0.11	0.84±0.10		0.02 (0.01, 0.03)	18.85
Mantovani (post-menopausal T2DM women)	2018	0.79±0.13	0.84±0.13		-0.05 (-0.12, 0.02)	5.58
Subtotal (I-squared = 95.6%, p = 0.000)					-0.02 (-0.04, 0.00)	100.00

NOTE: Weights are from random effects analysis

-.171   0   .171

Favour NAFLD   Favour Controls