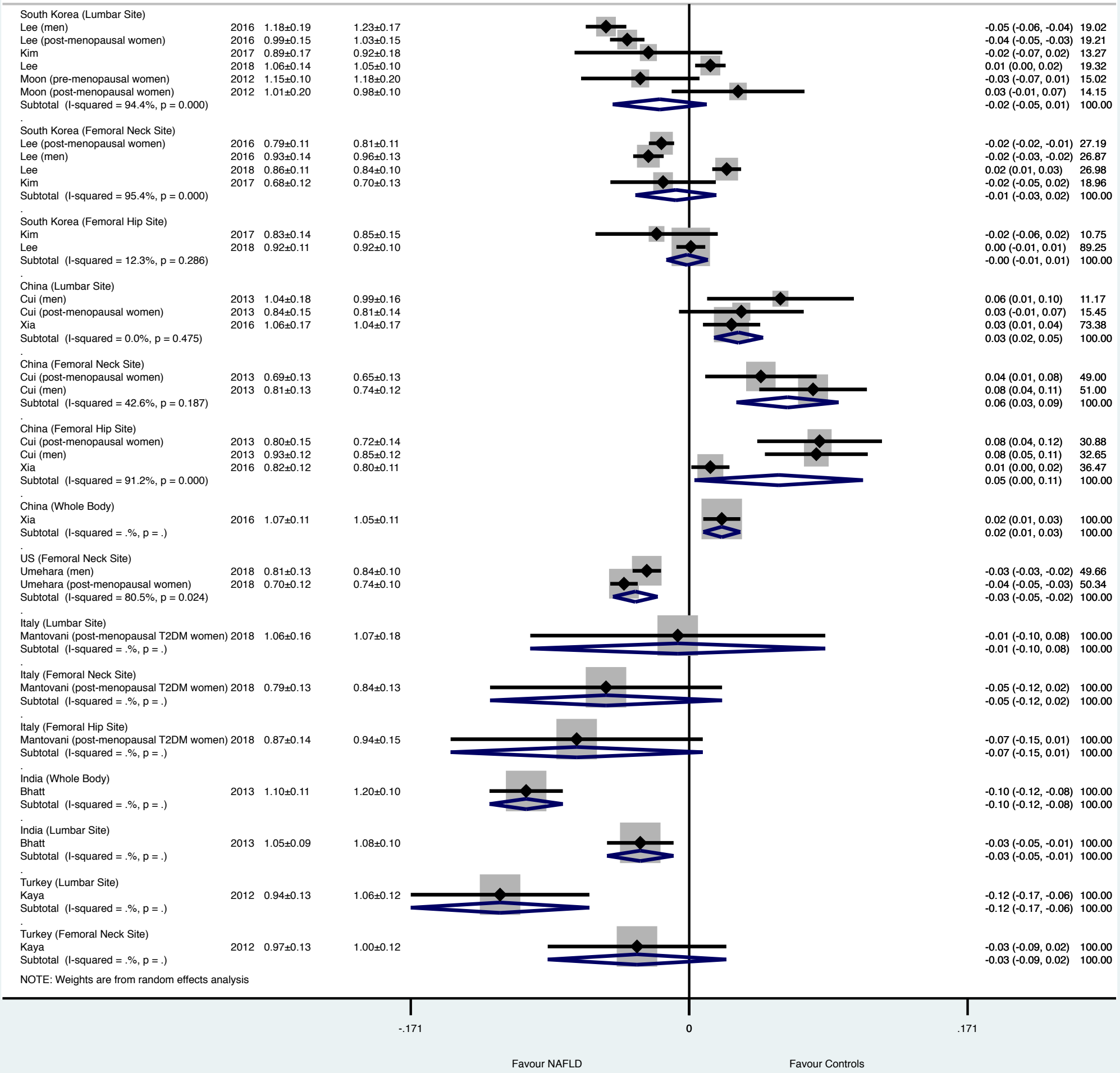
Author	Year	BMD (mean +/- SD) of no-NAFLD group	BMD (mean +/- SD) of NAFLD group	WMD (95% CI)	% Weight
South Korea (Lumbar Site)					
Lee (men)	2016	1.18±0.19	1.23±0.17	-0.05 (-0.06, -0.04)	19.02
Lee (post-menopausal women)	2016	0.99±0.15	1.03±0.15	-0.04 (-0.05, -0.03)	19.21
Kim	2017	0.89±0.17	0.92±0.18	-0.02 (-0.07, 0.02)	13.27
Lee	2018	1.06±0.14	1.05±0.10	0.01 (0.00, 0.02)	19.32
Moon (pre-menopausal women)	2012	1.15±0.10	1.18±0.20	-0.03 (-0.07, 0.01)	15.02
Moon (post-menopausal women)	2012	1.01±0.20	0.98±0.10	0.03 (-0.01, 0.07)	14.15
Subtotal (I-squared = 94.4%, p = 0.000)				-0.02 (-0.05, 0.01)	100.00
South Korea (Femoral Neck Site)					
Lee (post-menopausal women)	2016	0.79±0.11	0.81±0.11	-0.02 (-0.02, -0.01)	27.19
Lee (men)	2016	0.93±0.14	0.96±0.13	-0.02 (-0.03, -0.02)	26.87
Lee	2018	0.86±0.11	0.84±0.10	0.02 (0.01, 0.03)	26.98
Kim	2017	0.68±0.12	0.70±0.13	-0.02 (-0.05, 0.02)	18.96
Subtotal (I-squared = 95.4%, p = 0.000)				-0.01 (-0.03, 0.02)	100.00
South Korea (Femoral Hip Site)					
Kim	2017	0.83±0.14	0.85±0.15	-0.02 (-0.06, 0.02)	10.75
Lee	2018	0.92±0.11	0.92±0.10	0.00 (-0.01, 0.01)	89.25
Subtotal (I-squared = 12.3%, p = 0.286)				-0.00 (-0.01, 0.01)	100.00
China (Lumbar Site)					
Cui (men)	2013	1.04±0.18	0.99±0.16	0.06 (0.01, 0.10)	11.17
Cui (post-menopausal women)	2013	0.84±0.15	0.81±0.14	0.03 (-0.01, 0.07)	15.45
Xia	2016	1.06±0.17	1.04±0.17	0.03 (0.01, 0.04)	73.38
Subtotal (I-squared = 0.0%, p = 0.475)				0.03 (0.02, 0.05)	100.00
China (Femoral Neck Site)					
Cui (post-menopausal women)	2013	0.69±0.13	0.65±0.13	0.04 (0.01, 0.08)	49.00
Cui (men)	2013	0.81±0.13	0.74±0.12	0.08 (0.04, 0.11)	51.00
Subtotal (I-squared = 42.6%, p = 0.187)				0.06 (0.03, 0.09)	100.00
China (Femoral Hip Site)					
Cui (post-menopausal women)	2013	0.80±0.15	0.72±0.14	0.08 (0.04, 0.12)	30.88
Cui (men)	2013	0.93±0.12	0.85±0.12	0.08 (0.05, 0.11)	32.65
Xia	2016	0.82±0.12	0.80±0.11	0.01 (0.00, 0.02)	36.47
Subtotal (I-squared = 91.2%, p = 0.000)				0.05 (0.00, 0.11)	100.00
China (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
US (Femoral Neck Site)					
Umehara (men)	2018	0.81±0.13	0.84±0.10	-0.03 (-0.03, -0.02)	49.66
Umehara (post-menopausal women)	2018	0.70±0.12	0.74±0.10	-0.04 (-0.05, -0.03)	50.34
Subtotal (I-squared = 80.5%, p = 0.024)				-0.03 (-0.05, -0.02)	100.00
Italy (Lumbar Site)					
Mantovani (post-menopausal T2DM women)	2018	1.06±0.16	1.07±0.18	-0.01 (-0.10, 0.08)	100.00
Subtotal (I-squared = .%, p = .)				-0.01 (-0.10, 0.08)	100.00
Italy (Femoral Neck Site)					
Mantovani (post-menopausal T2DM women)	2018	0.79±0.13	0.84±0.13	-0.05 (-0.12, 0.02)	100.00
Subtotal (I-squared = .%, p = .)				-0.05 (-0.12, 0.02)	100.00
Italy (Femoral Hip Site)					
Mantovani (post-menopausal T2DM women)	2018	0.87±0.14	0.94±0.15	-0.07 (-0.15, 0.01)	100.00
Subtotal (I-squared = .%, p = .)				-0.07 (-0.15, 0.01)	100.00
India (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
India (Lumbar Site)					
Bhatt	2013	1.05±0.09	1.08±0.10	-0.03 (-0.05, -0.01)	100.00
Subtotal (I-squared = .%, p = .)				-0.03 (-0.05, -0.01)	100.00
Turkey (Lumbar Site)					
Kaya	2012	0.94±0.13	1.06±0.12	-0.12 (-0.17, -0.06)	100.00
Subtotal (I-squared = .%, p = .)				-0.12 (-0.17, -0.06)	100.00
Turkey (Femoral Neck Site)					
Kaya	2012	0.97±0.13	1.00±0.12	-0.03 (-0.09, 0.02)	100.00
Subtotal (I-squared = .%, p = .)				-0.03 (-0.09, 0.02)	100.00

NOTE: Weights are from random effects analysis