NOS-6 (White Body) Disat Disat	Author	Voor	BMD (mean +/- SD) of	BMD (mean +/- SD) of	WMD (95% CI)	% Weig
Shall		rear	no-NAFLD group	NAFLD group	WMID (95% CI)	vvei
Substated (Fedgraver) — "S. p. p.)	NOS<8 (Whole Body)					
Content Cont	Bhatt	2013	1.10±0.11	1.20±0.10	-0.10 (-0.12, -0.08)	100
### 2015 1,056_00	Subtotal (I-squared = .%, p = .)				-0.10 (-0.12, -0.08)	100
Age	NOS<8 (Lumbar Site)					
Monit pote-meropausial womeni 2012 014.0 20 0.894.0 10 0.003 (4.01.0, 0.07) 14.5 0.004 (0.01.0, 0.07) 14.5 0.004 (0.01.0) 1.0	Bhatt	2013	1.05±0.09	1.08±0.10	-0.03 (-0.05, -0.01)	16.7
Moor Door - Amount Moor Door - Amount Moor Door - Amount Door -	Kaya	2012	0.94±0.13	1.06±0.12	-0.12 (-0.17, -0.06)	12.3
Moon jun-manopusual women						
Cult (mem) 2013 1.04a0.18 0.99a.0.15	-					
Cui (post-marcopausi women)						
No. Continue Con	• •					
Substate Saguered = \$3.3%, p = 0.000						
Kaya 2012 0974-013 1.00-0.12 -0.03 6.08.0.13 -0.74-0.12 -0.03 6.08.0.13 -0.74-0.12 -0.03 6.08.0.13 -0.74-0.12 -0.03 6.08.0.13 -0.74-0.12 -0.03 6.08.0.13 -0.74-0.13 -0.04 6.08.0.13 -0.04 6.08.0.13 -0.04 6.08.0.13 -0.04 6.08.0.13 -0.02 6.08.0.0.07 -0.08 -0.04 -0.03 -0.02 -0.03 -0.02 -0.03 -0.02 -0.03 -0.02 -0.03 -0.02 -0.03 -0.02 -0.03 -0.02 -0.03 -0.02 -0.03 -0.02 -0.03 -0.02 -0.03 -0.02 -0.03 -0.02 -0.03 -0.02 -0.03 -0.02 -0.03 -0.02 -0.03 -0.02 -0.03 -0.02 -0.03 -0.02 -0.03 -0.0		2017	0.09±0.17	0.92±0.10		
Kaya 2012 09740133 1 0.00-0.12 (imem) 2013 0814013 074-0.13 1 0.00-0.12 (imem) 2013 0.08-0.13 0.	<u> </u>					
Cui (men) 2013 0.81 a.0.13 0.74 a.0.12 0.08 (0.04, 0.11) 2.0.14 (1.0.15 0.0.15 0.0.15 0.0.13 0.0.14 0.0.15 0.0.15 0.0.14 0.0.15		0010	0.07.0.40	1.00.0.10		64.
Cul (post-menopausal women) 2013 0.69±0.13 0.65±0.13 0.65±0.13 0.75±0.13 0.75±0.13 0.75±0.13 0.75±0.13 0.75±0.13 0.75±0.13 0.75±0.14 0.						
Kim 201 0.88a0.12 0.70a0.13 0.02 (-0.05, 0.02 2.62 0.02 (-0.05, 0.02 2.62 0.02 (-0.05, 0.02 2.62 0.02 (-0.05, 0.02 2.62 0.02 (-0.05, 0.02 3.62 0.02 0.03 0.05 (-0.05, 0.02 3.62 0.02 0.03 0.05 (-0.05, 0.02 3.62 0.02 0.03 0.05 (-0.05, 0.02 3.62 0.03 0.05 (-0.05, 0.02 3.62 0.03 0.05 (-0.05, 0.02 3.62 0.05 0.05 0.03 0.05 (-0.05, 0.02 3.62 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.0	,					
Subtotal (I-squared = 85.5%, p = 0.000) NOS-8 (Femoral Hip Site) Cul (men) NOS-8 (Femoral Hip Site) 2017 0.83±0.14 0.85±0.15 Cul (men) 2018 0.93±0.14 0.85±0.15 Cul (men) NOS-8 (Whole Body) Xia 2018 1.07±0.11 1.05±0.11 NOS-8 (Winole Body) Xia 2018 1.06±0.17 1.04±0.17 Cus (men) 2016 1.8±0.19 1.23±0.17 Lue (men) 2016 1.08±0.16 1.05±0.10 NOS-8 (Femoral Hip Site) NO	-					
NOS-8 (Femoral Hip Site) Cul (men) Cul (men) 2013 0.83±0.12 0.85±0.12 Cul (mosh-menopausal women) 2013 0.83±0.14 0.85±0.15 Subtotal (I-squared = 89.3%, p = 0.000) NOS-8 (Minole Body) Xia 2016 1.07±0.11 1.05±0.11 Subtotal (I-squared = -%, p = -) NOS-8 (Lumbar Site) Xia 2016 1.06±0.17 1.04±0.17 Lee (men) 2016 1.18±0.19 1.23±0.17 Lee (men) 2016 1.18±0.19 1.23±0.17 Lee (men) 2016 1.06±0.14 1.06±0.16 2018 1.06±0.14 1.06±0.10 Xia 2018 1.06±0.14 1.06±0.10 Xia 2018 1.06±0.14 1.06±0.10 Xia 2018 1.06±0.14 1.06±0.10 Xia 2018 0.05±0.11 Xia 2018 0.05±0		2017	0.68±0.12	0.70±0.13		
Cul (men)	Subtotal (I-squared = 85.5%, p = 0.000)				0.02 (-0.03, 0.07)	100
Cul (men)	NOS<8 (Femoral Hip Site)					
Cui (post-menopausal women) 2013 0 804.0 15 0 724.0 14 (1.5quared = 89.3%, p = 0.000)	, ,	2013	0 93+0 12	0.85+0.12	0.08 (0.05.0.11)	34 1
Kim 2017 0.83±0.14 0.85±0.15 -0.02 (-0.06, 0.02) 33.0 (-0.05 (-0.02, 0.11) 1.00 (-0.05 (-0.02, 0.11) 1.00 (-0.05 (-0.02, 0.11) 1.00 (-0.05 (-0.02, 0.11) 1.00 (-0.05 (-0.02, 0.11) 1.00 (-0.05 (-0.02, 0.11) 1.00 (-0.05 (-0.03) 1.00 (-0.02 (-0.01, 0.03) 1.00 (-0.02 (-0.01, 0.03) 1.00 (-0.02 (-0.01, 0.03) 1.00 (-0.02 (-0.01, 0.03) 1.00 (-0.02 (-0.01, 0.03) 1.00 (-0.02 (-0.01, 0.03) 1.00 (-0.02 (-0.01, 0.03) 1.00 (-0.02 (-0.01, 0.03) 1.00 (-0.02 (-0.01, 0.03) 1.00 (-0.02 (-0.01, 0.03) 1.00 (-0.02 (-0.01, 0.03) 1.00 (-0.02 (-0.01, 0.03) 1.00 (-0.02 (-0.01, 0.03) 1.00 (-0.02 (-0.01, 0.03) 1.00 (-0.02 (-0.01, 0.03) 1.00 (-0.02 (-0.01, 0.03) 1.00 (-0.02 (-0.01, 0.03) 1.00 (-0.02 (-0.01, 0.03) 1.00 (-0.02 (-0.01, 0.03) 1.00 (-0.01, 0.						
Subtotal (I-squared = 89.3%, p = 0.000) NOSa8 (Whole Body) Xia 2016 1.07±0.11 1.05±0.11 2.002 (0.01, 0.03) 100 NOSa8 (Lumbar Site) Xia 2016 1.08±0.17 1.04±0.17 2.003 (0.01, 0.04) 22.1 Lee (men) 2016 1.18±0.19 1.23±0.17 2.005 (0.06, 0.04) 22.1 Lee (post-menopausal women) 2016 0.99±0.15 1.03±0.15 2.01 2.01 2.01 2.01 2.01 2.01 2.01 2.01						
NOSs8 (Whole Body) Xia 2016 1.07±0.11 1.05±0.11 0.02 (0.01, 0.03) 100 Subtotal (I-squared = %, p = .) NOSs8 (Lumbar Site) Xia 2016 1.06±0.17 1.04±0.17 Lee (men) 2016 1.18±0.19 1.23±0.17 Lee (post-menopausal women) 2016 0.99±0.15 1.03±0.15 Lee (post-menopausal women) 2018 1.06±0.16 1.07±0.18 Subtotal (I-squared = 96.2%, p = 0.000) NOSs8 (Femoral Hip Site) Xia 2016 0.82±0.12 0.80±0.11 Lee (post-menopausal T2DM women) 2018 1.06±0.16 1.07±0.18 Subtotal (I-squared = 96.2%, p = 0.000) NOSs8 (Femoral Neck Site) Lee (men) 2018 0.93±0.11 0.92±0.10 NOSS8 (Femoral Neck Site) Lee (men) 2018 0.93±0.11 0.94±0.15 NOSS8 (Femoral Neck Site) Lee (men) 2018 0.93±0.11 0.94±0.15 NOSS8 (Femoral Neck Site) Lee (men) 2018 0.93±0.11 0.94±0.15 NOSS8 (Femoral Neck Site) Lee (post-menopausal women) 2018 0.93±0.11 0.94±0.15 NOSS8 (Femoral Neck Site) Lee (post-menopausal women) 2018 0.93±0.11 0.94±0.15 NOSS8 (Femoral Neck Site) Lee (post-menopausal women) 2018 0.93±0.11 0.94±0.15 NOSS8 (Femoral Neck Site) Lee (post-menopausal women) 2018 0.93±0.11 0.94±0.10 NOSS8 (Femoral Neck Site) Lee (post-menopausal women) 2018 0.93±0.11 0.94±0.10 NOSS8 (Femoral Neck Site) Lee (post-menopausal women) 2018 0.93±0.11 0.94±0.10 NOSS8 (Femoral Neck Site) Lee (post-menopausal women) 2018 0.93±0.11 0.94±0.10 NOSS8 (Femoral Neck Site) Lee (post-menopausal women) 2018 0.93±0.11 0.94±0.10 NOSS8 (Femoral Neck Site) Lee (post-menopausal women) 2018 0.93±0.11 0.94±0.10 NOSS8 (Femoral Neck Site) NOS		2017	0.65±0.14	0.00±0.10		
Xia 2016 1.07±0.11 1.05±0.11 2.02 (0.01, 0.03) 100 NDSs8 (Lumbar Site) Xia 2016 1.06±0.17 1.04±0.17 Lee (men) 2016 1.08±0.19 1.23±0.17 Lee (men) 2016 1.09±0.15 1.03±0.15 Lee (post-menopausal women) 2016 0.99±0.15 1.03±0.15 Lee (post-menopausal T2DM women) 2018 1.06±0.16 1.07±0.18 Subtotal (1-squared = 96.2%, p = 0.000) NDSs8 (Femoral Hip Site) Xia 2016 0.82±0.12 0.80±0.11 Lee (post-menopausal T2DM women) 2018 0.82±0.11 Lee (post-menopausal T2DM women) 2018 0.82±0.12 NDSs8 (Femoral Hip Site) Xia 2016 0.82±0.12 0.80±0.11 Lee (post-menopausal T2DM women) 2018 0.92±0.11 NDSs8 (Femoral Neck Site) Lee (men) 2016 0.93±0.14 0.94±0.15 NDSs8 (Femoral Neck Site) Lee (post-menopausal women) 2016 0.93±0.11 0.84±0.10 NDSs8 (Femoral Neck Site) Lee (post-menopausal women) 2018 0.81±0.11 0.84±0.10 NDSs8 (Femoral Neck Site) Lee (post-menopausal women) 2018 0.81±0.11 0.84±0.10 NDSs8 (Femoral Neck Site) Lee (post-menopausal women) 2018 0.81±0.11 0.84±0.10 NDSs8 (Femoral Neck Site) Lee (post-menopausal women) 2018 0.81±0.11 0.84±0.10 NDSs8 (Femoral Neck Site) Lee (post-menopausal women) 2018 0.81±0.11 0.84±0.10 NDSs8 (Femoral Neck Site) Lee (post-menopausal women) 2018 0.81±0.11 0.84±0.10 NDSs8 (Femoral Neck Site) Lee (post-menopausal women) 2018 0.81±0.11 0.84±0.10 NDSs8 (Femoral Neck Site) Lee (post-menopausal women) 2018 0.81±0.11 0.84±0.10 NDSs8 (Femoral Neck Site) Lee (post-menopausal women) 2018 0.81±0.11 0.84±0.10 NDSs8 (Femoral Neck Site) Lee (post-menopausal women) 2018 0.81±0.11 0.84±0.10 NDSs8 (Femoral Neck Site) Lee (post-menopausal women) 2018 0.81±0.11 0.84±0.10 NDSs8 (Femoral Neck Site) Lee (post-menopausal women) 2018 0.81±0.11 0.84±0.10 NDSs8 (Femoral Neck Site) Lee (post-menopausal women) 2018 0.81±0.11 0.81±0.11 NDSs8 (Femoral Neck Site) NDSs8 (Femoral Nec					0.00 (0.02, 0.11)	
Subtotal (I-squared = .%, p = .) NOS±8 (Lumbar Site) Xia 2016 1.06±0.17 1.04±0.17 Lee (men) 2016 1.18±0.19 1.23±0.17 Lee (post-menopausal women) 2016 0.99±0.15 1.03±0.15 Lee (post-menopausal T2DM women) 2018 1.06±0.16 1.05±0.10 Mantovani (post-menopausal T2DM women) 2018 0.82±0.11 Lee (post-menopausal T2DM women) 2018 0.82±0.12 0.80±0.11 Xia 2016 0.82±0.12 0.80±0.11 Lee (post-menopausal T2DM women) 2018 0.87±0.14 0.94±0.15 Xia 2016 0.82±0.12 0.80±0.11 Lee (post-menopausal T2DM women) 2018 0.87±0.14 0.94±0.15 NOS±8 (Femoral Hip Site) NOS±8 (Femoral Neck Site) Lee (men) 2016 0.93±0.14 0.96±0.13 Lee (post-menopausal women) 2016 0.93±0.14 0.96±0.13 Lee (post-menopausal women) 2016 0.93±0.14 0.96±0.13 Lee (post-menopausal women) 2018 0.81±0.11 Umehara (men) 2018 0.81±0.13 0.84±0.10 Humehara (post-menopausal women) 2018 0.81±0.13 0.84±0.10 Lee (post-menopausal r2DM women) 2018 0.81±0.13 0.84±0.10 Lee (post-menopausal women) 2018 0.81±0.13 0.84±0.10 Authovaria (post-menopausal r2DM women) 2018 0.81±0.13 0.84±0.10 Lee (post-menopausal r2DM women) 2018 0.79±0.13 0.84±0.10	NOS≥8 (Whole Body)					
NOS≥8 (Lumbar Site) Xia 2016 1.06±0.17 1.04±0.17 Lee (men) 2016 1.18±0.19 1.23±0.17 Lee (post-menopausal women) 2016 0.99±0.15 1.03±0.15 Lee (post-menopausal T2DM women) 2018 1.06±0.14 1.05±0.10 Mantovani (post-menopausal T2DM women) 2018 0.82±0.12 0.80±0.11 Lee 2018 0.82±0.11 0.92±0.10 NOS≥8 (Femoral Hip Site) Xia 2016 0.82±0.12 0.80±0.11 Lee 2018 0.92±0.11 0.92±0.10 Subtotal (I-squared = 67.2%, p = 0.048) NOSS8 (Femoral Neck Site) Lee (men) 2016 0.93±0.14 0.96±0.13 Lee (men) 2016 0.93±0.14 0.96±0.13 Lee (men) 2016 0.93±0.14 0.81±0.11 Umehara (men) 2018 0.81±0.13 0.84±0.10 Umehara (post-menopausal Women) 2018 0.86±0.11 0.81±0.11 Umehara (men) 2018 0.86±0.11 0.84±0.10 Umehara (post-menopausal T2DM women) 2018 0.80±0.13 0.84±0.10 Umehara (post-menopausal Women) 2018 0.80±0.13 0.84±0.10 Umehara (post-menopausal Women) 2018 0.80±0.13 0.84±0.10 Umehara (post-menopausal T2DM women) 2018 0.80±0.13 0.84±0.10 Umehara (post-menopausal T2DM women) 2018 0.80±0.13 0.84±0.10 Umehara (post-menopausal T2DM women) 2018 0.80±0.13 0.80	Xia	2016	1.07±0.11	1.05±0.11	0.02 (0.01, 0.03)	100
Xia 2016 1.06±0.17 1.04±0.17 1.04±0.17 1.04±0.17 1.025±0.10 1.18±0.19 1.23±0.17 1.06±0.06 (-0.06) -0.09 (-0.06, -0.09) 22.5 1.06±0.06 (-0.06) -0.09 (-0.06, -0.09) 22.5 1.06±0.06 (-0.06) -0.09 (-0.06, -0.09) 23.5 1.06±0.14 1.05±0.10 1.07±0.18 1.06±0.14 1.05±0.10 1.07±0.18 1.06±0.14 1.05±0.10 1.07±0.18 1.06±0.14 1.05±0.10 1.07±0.18 1.06±0.14 1.05±0.10 1.07±0.18 1.06±0.14 1.05±0.10 1.07±0.18 1.06±0.14 1.05±0.10 1.07±0.18 1.06±0.14 1.05±0.10 1.07±0.18 1.06±0.14 1.05±0.10 1.07±0.18 1.06±0.14 1.05±0.10 1.07±0.18 1.06±0.14 1.07±0.18 1.06±0.14 1.07±0.18 1.06±0.14 1.07±0.18 1.07±0.18 1.06±0.14 1.07±0.18 1.06±0.14 1.07±0.18 1.06±0.14 1.07±0.18 1.06±0.14 1.07±0.18 1.06±0.14 1.07±0.18 1.06±0.14 1.07±0.18 1.06±0.14 1.07±0.18 1.06±0.14 1.07±0.18 1.06±0.14 1.07±0.18 1.06±0.14 1.07±0.18 1.06±0.14 1.07±0.18 1.06±0.14 1.07±0.18 1.06±0.14 1.07±0.18 1.06±0.14 1.07±0.18 1.06±0.14 1.07±0.18 1.06±0.14 1.07±0.14 1.0	Subtotal (I-squared = .%, p = .)				0.02 (0.01, 0.03)	100
Xia 2016 1.06±0.17 1.04±0.17 1.04±0.17 1.04±0.17 1.02±0.10 1.18±0.19 1.23±0.17 1.06±0.06 0.04 0.02 2.02 1.06±0.06 0.04 0.05 0.03 0.01 0.00 0.00 0.00 0.00 0.00 0.00	NOS~8 (Lumbar Sita)					
Lee (men) 2016 1.18±0.19 1.23±0.17 -0.05 (-0.06, -0.04) 22.6 Lee (post-menopausal women) 2016 0.99±0.15 1.03±0.15 1.05±0.10 -0.01 (-0.00, 0.02) 23.2 Mantovani (post-menopausal T2DM women) 2018 1.06±0.16 1.07±0.18 -0.01 (-0.00, 0.02) 23.2 Mantovani (post-menopausal T2DM women) 2018 1.06±0.16 1.07±0.18 -0.01 (-0.00, 0.02) 23.2 Mantovani (post-menopausal T2DM women) 2018 0.92±0.11 0.92±0.10 -0.01 (-0.00, 0.02) 45.3 Mantovani (post-menopausal T2DM women) 2018 0.87±0.14 0.94±0.15 -0.07 (-0.15, 0.01) 4.00 (-0.01, 0.01) 50.6 Mantovani (post-menopausal women) 2018 0.87±0.14 0.96±0.13 Lee (men) 2016 0.79±0.11 0.81±0.11 -0.02 (-0.03, -0.02) 18.2 Mantovani (post-menopausal women) 2018 0.81±0.13 0.84±0.10 Umehara (men) 2018 0.81±0.13 0.84±0.10 Umehara (post-menopausal Women) 2018 0.79±0.13 0.84±0.10 Umehara (post-menopausal T2DM women) 2018 0.80±0.11 0.84±0.10 Mantovani (post-menopausal T2DM women) 2018 0.80±0.11 0.84±0.10 0.02 (-0.01, 0.03) 18.6 Mantovani (post-menopausal T2DM women) 2018 0.79±0.13 0.84±0.10 0.02 (-0.01, 0.03) 18.6 Mantovani (post-menopausal T2DM women) 2018 0.79±0.13 0.84±0.10 0.02 (-0.04, 0.00) 100 0.00 (-0.01, 0.00) 100 0.00 0.00 (-0.01, 0.00) 100 0.00 (-0.01, 0.00) 100 0.00 0.00 (-0.01, 0.00) 100 0.00 0.00 0.00		2016	1.06.0.17	1.04.0.17	0.02 (0.01 0.04)	22.1
Lee (post-menopausal women) 2016 0.99±0.15 1.03±0.15 1.03±0.15 1.05±0.10 23.4 1.06±0.14 1.05±0.10 23.4 1.06±0.14 1.05±0.10 23.4 1.06±0.14 1.05±0.10 23.4 1.06±0.16 23.4 1.0						
Lee 2018 1.06±0.14 1.05±0.10 2018 1.06±0.15 2018 1.06±0.16 1.07±0.18 2018 1.06±0.16 1.07±0.16 2018 1.06±0.16 1.07±0.16 2018 1.06±0.16 1.07±0.16 2018 1.06±0.16 1.07±0.16 2018 1.06±0.16 2018 1.						
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) 1.00 NOS≥8 (Femoral Hip Site) Xia 2016 0.82±0.12 0.80±0.11 0.92±0.10 Amontovani (post-menopausal T2DM women) 2018 0.87±0.14 0.92±0.15 Subtotal (I-squared = 67.2%, p = 0.048) NOS≥8 (Femoral Neck Site) Lee (men) 2016 0.93±0.14 0.96±0.13 Lee (post-menopausal women) 2016 0.79±0.11 0.81±0.11 Umehara (men) 2016 0.79±0.11 0.81±0.11 Umehara (post-menopausal women) 2018 0.81±0.13 0.84±0.10 Umehara (post-menopausal women) 2018 0.84±0.10 Umehara (post-menopausal T2DM women) 2018 0.86±0.11 0.84±0.10 Umehara (post-menopausal T2DM women) 2018 0.86±0.11 0.84±0.10 Umehara (post-menopausal T2DM women) 2018 0.79±0.13 0.84±0.10 Umehara (post-menopausal T2DM women) 2018 0.79±0.13 0.84±0.10 0.02 (0.01, 0.03) 18.5 Umantovani (post-menopausal T2DM women) 2018 0.79±0.13 0.84±0.10 0.02 (0.01, 0.03) 18.5 0.02 (0.01, 0.03) 18.5 0.02 (0.01, 0.03) 18.5 0.02 (0.01, 0.03) 18.5 0.02 (0.01, 0.03) 18.5 0.02 (0.01, 0.03) 18.5 0.02 (0.01, 0.03) 18.5 0.02 (0.01, 0.03) 18.5 0.02 (0.01, 0.03) 18.5 0.02 (0.01, 0.03) 18.5 0.02 (0.01, 0.03) 18.5 0.02 (0.01, 0.03) 18.5 0.02 (0.01, 0.03) 18.5 0.02 (0.01, 0.03) 18.5 0.02 (0.01, 0.03) 18.5 0.02 (0.01, 0.03) 18.5 0.02 (0.01, 0.03) 18.5 0.03 (0.03 (0.02) 10.03 18.5 0.03 (-					
Subtotal (I-squared = 96.2%, p = 0.000) NOS≥8 (Femoral Hip Site) Xia 2016 0.82±0.12 0.80±0.11 Lee 2018 0.92±0.11 0.92±0.10 Mantovani (post-menopausal T2DM women) 2018 0.87±0.14 0.94±0.15 NOS≥8 (Femoral Neck Site) Lee (men) 2016 0.93±0.14 0.96±0.13 Lee (post-menopausal women) 2016 0.79±0.11 0.81±0.11 Umehara (men) 2018 0.81±0.13 0.84±0.10 Umehara (post-menopausal women) 2018 0.70±0.12 0.74±0.10 Lee (post-menopausal women) 2018 0.70±0.13 0.84±0.10 Lee (post-menopausal women) 2018 0.70±0.12 0.74±0.10 Lee (post-menopausal women) 2018 0.70±0.13 0.84±0.10 Lee						
NOS≥8 (Femoral Hip Site) Xia 2016 0.82±0.12 0.80±0.11 0.00 (-0.01, 0.00, 0.02) 45.5 Lee 2018 0.92±0.11 0.92±0.10 0.90 (-0.01, 0.01) 50.6 Mantovani (post-menopausal T2DM women) NOS≥8 (Femoral Neck Site) Lee (men) 2016 0.93±0.14 0.94±0.13 -0.02 (-0.03, -0.02) 18.7 19.00 (-0.01, 0.02) 100 100 100 100 100 100 100		2018	1.06±0.16	1.07±0.18		
Xia 2016 0.82±0.12 0.80±0.11 0.92±0.10 Lee 2018 0.92±0.11 0.92±0.10 Mantovani (post-menopausal T2DM women) 2018 0.87±0.14 0.94±0.15 Subtotal (I-squared = 67.2%, p = 0.048)	Subtotal (I-squared = 96.2%, p = 0.000)				-0.01 (-0.05, 0.02)	100.
Xia 2016 0.82±0.12 0.80±0.11 0.92±0.10 Lee 2018 0.92±0.11 0.92±0.10 Mantovani (post-menopausal T2DM women) 2018 0.87±0.14 0.94±0.15 Subtotal (I-squared = 67.2%, p = 0.048)	NOS≥8 (Femoral Hip Site)					
Lee 2018 0.92±0.11 0.92±0.10 Mantovani (post-menopausal T2DM women) 2018 0.87±0.14 0.94±0.15 Subtotal (I-squared = 67.2%, p = 0.048)		2016	0.82±0.12	0.80±0.11	0,01 (0.00. 0.02)	45.3
Mantovani (post-menopausal T2DM women) 2018 0.87±0.14 0.94±0.15 -0.07 (-0.15, 0.01) 4.00 (-0.01, 0.02) 100 Subtotal (I-squared = 67.2%, p = 0.048)						
Subtotal (I-squared = 67.2%, p = 0.048) NOS≥8 (Femoral Neck Site) Lee (men) 2016 0.93±0.14 0.96±0.13 Lee (post-menopausal women) 2016 0.79±0.11 0.81±0.11 Umehara (men) 2018 0.81±0.13 0.84±0.10 Umehara (post-menopausal women) 2018 0.70±0.12 0.74±0.10 Lee 2018 0.86±0.11 0.84±0.10 Mantovani (post-menopausal T2DM women) 2018 0.79±0.13 0.84±0.10 Subtotal (I-squared = 95.6%, p = 0.000)						
Lee (men) 2016 0.93±0.14 0.96±0.13 -0.02 (-0.03, -0.02) 18.7 -0.02 (-0.02, -0.01) 19.0 Umehara (men) 2018 0.81±0.13 0.84±0.10 -0.03 (-0.03, -0.02) 18.8 0.02 (-0.01, 0.03) 18.9 -0.04 (-0.05, -0.03) 18.9 -0.04 (-0.05, -0.03) 18.9 -0.04 (-0.05, -0.03) 18.9 -0.05 (-0.12, 0.02) 5.58 Subtotal (I-squared = 95.6%, p = 0.000)		2010	0.07 ±0.11	0.0 120.10		100
Lee (men) 2016 0.93±0.14 0.96±0.13 -0.02 (-0.03, -0.02) 18.7 Lee (post-menopausal women) 2016 0.79±0.11 0.81±0.11 -0.02 (-0.02, -0.01) 19.0 Umehara (men) 2018 0.81±0.13 0.84±0.10 -0.03 (-0.03, -0.02) 18.8 Umehara (post-menopausal women) 2018 0.70±0.12 0.74±0.10 -0.04 (-0.05, -0.03) 18.9 Umehara (post-menopausal T2DM women) 2018 0.86±0.11 0.84±0.10 -0.05 (-0.12, 0.02) 5.58 Subtotal (I-squared = 95.6%, p = 0.000)	Noo o (5					
Lee (post-menopausal women) 2016 0.79±0.11 0.81±0.11 Umehara (men) 2018 0.81±0.13 0.84±0.10 Umehara (post-menopausal women) 2018 0.70±0.12 0.74±0.10 Lee 2018 0.86±0.11 0.84±0.10 Mantovani (post-menopausal T2DM women) Subtotal (I-squared = 95.6%, p = 0.000) -0.02 (-0.02, -0.01) 19.0 -0.03 (-0.03, -0.02) 18.8 -0.04 (-0.05, -0.03) 18.9 -0.02 (0.01, 0.03) 18.9 -0.02 (0.01, 0.03) 18.9 -0.02 (-0.04, 0.00) 100						
Umehara (men) 2018 0.81±0.13 0.84±0.10 -0.03 (-0.03, -0.02) 18.8 Umehara (post-menopausal women) 2018 0.70±0.12 0.74±0.10 -0.04 (-0.05, -0.03) 18.9 Umehara (post-menopausal women) 2018 0.86±0.11 0.84±0.10 -0.05 (-0.12, 0.02) 5.58 Subtotal (I-squared = 95.6%, p = 0.000)						
Umehara (post-menopausal women) 2018 0.70±0.12 0.74±0.10 Lee 2018 0.86±0.11 0.84±0.10 Mantovani (post-menopausal T2DM women) 2018 0.79±0.13 0.84±0.13 Subtotal (I-squared = 95.6%, p = 0.000) -0.04 (-0.05, -0.03) 18.9 0.02 (0.01, 0.03) 18.9 -0.05 (-0.12, 0.02) 5.58 -0.02 (-0.04, 0.00) 100	. ,					
Lee 2018 0.86±0.11 0.84±0.10 Mantovani (post-menopausal T2DM women) 2018 0.79±0.13 0.84±0.13 Subtotal (I-squared = 95.6%, p = 0.000) 0.02 (0.01, 0.03) 18.8 -0.05 (-0.12, 0.02) 5.58 -0.02 (-0.04, 0.00) 100	` '					
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)	Umehara (post-menopausal women)			0.74±0.10	-0.04 (-0.05, -0.03)	18.9
Subtotal (I-squared = 95.6%, p = 0.000)	Lee	2018	0.86±0.11	0.84±0.10	0.02 (0.01, 0.03)	18.8
	Mantovani (post-menopausal T2DM women)	2018	0.79±0.13	0.84±0.13	-0.05 (-0.12, 0.02)	5.58
NOTE: Weights are from random effects analysis	Subtotal (I-squared = 95.6%, p = 0.000)				-0.02 (-0.04, 0.00)	100
	NOTE: Weights are from random effects anal	ysis				