Supplementary Table 5: Stratification of Ultimate Load Failure

Variable	# of studies	# of Comparisons	SMD (95% CI)	% Weight	I2s	p*	p**
Animal Characteristics							
Animal Type							0.03
Rat	11	23	-0.31 (-0.55, -0.07)	82.30%	47%	0.007	
Rabbit	3	4	-0.84 (-1.43, -0.25)	13.20%	46%	0.14	
Canine	1	1	-1.44 (-2.45, -0.43)	4.50%	N/A	N/A	
Stem Cell Characteristics							
Source							0.08
Adipose	8	16	-0.27 (-0.55, 0.01)	58.40%	27%	0.15	
Bone Marrow	7	12	-0.66 (-0.99, -0.32)	41.60%	64%	0.001	
Origin							0.1
Allogenic	10	18	-0.31 (-0.57, -0.05)	67.30%	30%	0.11	
Autologous	2	3	-1.05 (-1.66, -0.44)	12.20%	68%	0.04	
Xenogenic	3	7	-0.45 (-0.92, 0.03)	20.40%	68%	0.005	
Dose							0.09
≤1 Million cells	8	13	-0.70 (-1.03, -0.38)	42.90%	36%	0.1	
>1 Million cells	5	11	-0.28 (-0.64, 0.09)	35%	57%	0.009	
Not reported	2	4	-0.14 (-0.60, 0.31)	22.10%	57%	0.07	
Experimental Characteristics							
RCI Model							0.8
Intervention given ≤ 3 days after model creation	11	20	-0.45 (-0.72, -0.18)	63.80%	58%	0.0006	
Intervention given 4-8 weeks after model creation	5	8	-0.39 (-0.75, -0.04)	36.20%	18%	0.29	
Both							
Delivery Method							1
Direct Application	3	6	-0.43 (-0.90, 0.04)	20.60%	71%	0.004	
Scaffold	13	22	-0.43 (-0.67, -0.19)	79.40%	43%	0.02	
Timing of assessment							0.13
≤ 2 weeks post repair	4	7	-0.32 (-0.79, 0.15)	20.70%	66%	0.007	
> 2weeks and ≤ 4 weeks	8	9	-0.19 (-0.55, 0.18)	34.40%	0%	0.98	
> 4 weeks post repair	10	12	-0.67 (-0.99, -0.35)	45%	63%	0.002	

Note: P* value for subgrouping difference; p** value for heterogenicity between subgroups