**Supplement 1.** Compartment-specific differences in OARSI joint space narrowing and osteophyte grades

	ACL	Contralateral
	reconstructed	knee
	knee	KIICC
	KIICC	
OARSI medial joint space narrowing grade		
0	111 (83%)	126 (95%)
1	19 (14%)	6 (5%)
2	2 (2%)	1 (1%)
3	1 (1%)	0 (0%)
OARSI lateral joint space narrowing grade	, ,	, ,
0	119 (89%)	132 (99%)
1	11 (8%)	1 (1%)
2	2 (2%)	0 (0%)
3	1 (1%)	0 (0%)
OARSI medial femoral osteophyte grade		
0	126 (95%)	133 (100%)
1	6 (5%)	0 (0%)
2	1 (1%)	0 (0%)
3	0 (0%)	0 (0%)
OARSI lateral femoral osteophyte grade		
0	116 (87%)	131 (98%)
1	14 (11%)	1 (1%)
2	2 (2%)	0 (0%)
3	1 (1%)	1 (1%)
OARSI medial tibial osteophyte grade		
0	95 (71%)	126 (95%)
1	29 (22%)	6 (5%)
2	9 (7%)	1 (1%)
3	0 (0%)	0 (0%)
OARSI lateral tibial osteophyte grade		
0	102 (77%)	126 (95%)
1	27 (20%)	6 (5%)
2	3 (2%)	0 (0%)
3	1 (1%)	1 (1%)

Key: reported as number (percentage)

**Supplement 2.** Compartment specific side-to-side differences in OARSI joint space narrowing and osteophyte grades

	Number (percentage)	
OARSI medial JSN grade difference		
0 grades	115 (86%)	
1 grade	16 (12%)	
2 grades	2 (2%)	
3 grades	0 (0%)	
OARSI lateral JSN grade difference		
0 grades	118 (89%)	
1 grade	12 (9%)	
2 grades	2 (2%)	
3 grades	1 (1%)	
OARSI medial compartment (femoral +		
tibial osteophyte grade) difference		
0 grades	100 (75%)	
1 grade	22 (17%)	
2 grades	9 (7%)	
3+ grades	2 (2%)	
OARSI lateral compartment (femoral +		
tibial osteophyte grade) difference		
0 grades	102 (77%)	
1 grade	20 (15%)	
2 grades	9 (7%)	
3+ grades	2 (1%)	