Supplementary Table 1 - Fracture pattern and Surgical Procedure

| Procedure                                | Avulsion (N=405) | Extraarticular fragment (N=105) | Vertical lateral (N=628) |
|-------------------------------------------|------------------|---------------------------------|--------------------------|
| Cast, brace, other bandaging              | 309 (76.3%)      | 89 (84.8%)                      | 610 (97.2%)              |
| TBW                                       | 59 (14.6%)       | 2 (1.9%)                        | 2 (0.3%)                 |
| Combined method                           | 4 (1.0%)         | 0 (0%)                          | 1 (0.2%)                 |
| Other surgery                             | 12 (3.0%)        | 1 (1.0%)                        | 1 (0.2%)                 |
| Plate fixation                            | 1 (0.2%)         | 0 (0%)                          | 2 (0.3%)                 |
| Screw fixation                            | 3 (0.7%)         | 0 (0%)                          | 3 (0.5%)                 |
| Excision surgery                          | 5 (1.2%)         | 3 (2.9%)                        | 0 (0%)                   |
| Fixation cartilage                        | 0 (0%)           | 1 (1.0%)                        | 1 (0.2%)                 |
| Synovial surgery, arthroscopy             | 1 (0.2%)         | 0 (0%)                          | 0 (0%)                   |
| External fixation                         | 0 (0%)           | 0 (0%)                          | 0 (0%)                   |
| Missing                                   | 11 (2.7%)        | 9 (8.6%)                        | 8 (1.3%)                 |
| Vertical medial | Horizontal simple | Horizontal wedge | Horizontal multifragmentary | Not classified | Overall |
|----------------|------------------|------------------|-----------------------------|---------------|---------|
| (N=217)        | (N=943)          | (N=353)          | (N=500)                     | (N=43)        | (N=3194)|
| 196 (90.4%)    | 534 (56.6%)      | 164 (46.4%)      | 207 (41.4%)                 | 29 (67.4%)    | 2138 (66.9%)|
| 2 (0.9%)       | 326 (34.6%)      | 150 (42.5%)      | 227 (45.4%)                 | 2 (4.7%)      | 770 (24.1%)|
| 0 (0%)         | 20 (2.1%)        | 15 (4.2%)        | 13 (2.6%)                   | 0 (0%)        | 53 (1.7%)|
| 1 (0.5%)       | 4 (0.4%)         | 1 (0.3%)         | 8 (1.6%)                    | 0 (0%)        | 28 (0.8%)|
| 0 (0%)         | 3 (0.3%)         | 1 (0.3%)         | 16 (3.2%)                   | 0 (0%)        | 23 (0.7%)|
| 3 (1.4%)       | 9 (1.0%)         | 2 (0.6%)         | 0 (0%)                      | 1 (2.3%)      | 21 (0.7%)|
| 3 (1.4%)       | 0 (0%)           | 0 (0%)           | 2 (0.4%)                    | 0 (0%)        | 13 (0.4%)|
| 3 (1.4%)       | 2 (0.2%)         | 0 (0%)           | 1 (0.2%)                    | 1 (2.3%)      | 9 (0.3%)|
| 0 (0.5%)       | 0 (0%)           | 0 (0%)           | 0 (0%)                      | 1 (2.3%)      | 3 (0.1%)|
| 0 (0%)         | 1 (0.1%)         | 0 (0%)           | 0 (0%)                      | 0 (0%)        | 1 (0.0%)|
| 8 (3.7%)       | 44 (4.7%)        | 20 (5.7%)        | 26 (5.2%)                   | 9 (20.9%)     | 135 (4.2%)|