| ACL STATUS         | GENDER | KINEMATICS | MODALITY | PEAK TRANSLATION |          | PEAK TIME |          |
|--------------------|--------|------------|----------|------------------|----------|-----------|----------|
|                    |        |            |          | MEAN (MM)        | STD (MM) | MEAN (MS) | STD (MS) |
| ACLINT             | М      | ME/LA      | BPV      | -0.68 (1.12)     | 1.62     | 46.52     | 11.17    |
| ACLINT             | М      | AN/PO      | BPV      | 5.34             | 1.32     | 58.02     | 4.43     |
| ACLINT             | F      | ME/LA      | BPV      | 0.39 (1.02)      | 1.15     | 41.82     | 7.93     |
| ACLINT             | F      | AN/PO      | BPV      | 5.87             | 1.73     | 52.48     | 5.52     |
| ACL <sub>REC</sub> | М      | ME/LA      | BPV      | -0.77 (0.88)     | 0.67     | 37.70     | 14.57    |
| ACLREC             | М      | AN/PO      | BPV      | 4.67             | 1.20     | 55.01     | 9.98     |
| ACL <sub>REC</sub> | F      | ME/LA      | BPV      | -0.65 (0.83)     | 0.95     | 43.75     | 9.32     |
| ACLREC             | F      | AN/PO      | BPV      | 5.50             | 0.98     | 59.23     | 1.04     |

## Table B, Supplemental Digital Content 2

The peak AN/PO and ME/LA knee translations in millimeters and their respective time points in milliseconds. LA and AN are positive. The raw and absolute means are included for peak ME/LA knee translation. The absolute value is provided in the perentheses. All peak AN/PO knee translations were positive.