**Table 1**: Statistical results of peak forces (in body weight) in eight foot regions during layup landing.

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Region** | | **Court** | **Side** | | **Statistical Results** | | |
| **Side** | **Court** | **Interaction** |
| **Non-shooting** | **Shooting** | ***P (ηp*2)** | ***P (ηp*2)** | ***P (ηp*2)** |
| **hallux** | Hallux | Wood | 0.15 (0.06) | 0.09 (0.06) | **< 0.001** (0.716) | **0.022**  (0.367) | 0.383  (0.064) |
| Asphalt | 0.15 (0.06) | 0.08 (0.05) |
| **lesser toes** | Lesser toes | Wood | 0.24 (0.09) | 0.30 (0.09) | **0.008**  (0.461) | **0.007**  (0.466) | 0.799  (0.006) |
| Asphalt | 0.22 (0.09) | 0.28 (0.08) |
| **medial forefoot** | Medial forefoot | Wood | 0.27 (0.06) | 0.22 (0.07) | **0.011**  (0.431) | 0.142  (0.171) | **0.036**  (0.317) |
| Asphalt | 0.28 (0.05) | 0.18 (0.07) |
| **central forefoot** | Central forefoot | Wood | 0.39 (0.07) | 0.41 (0.08) | 0.214  (0.126) | 0.083  (0.230) | 0.793  (0.006) |
| Asphalt | 0.41 (0.08) | 0.43 (0.10) |
| **lateral forefoot** | Lateral forefoot | Wood | 0.25 (0.08) | 0.28 (0.08) | 0.351  (0.073) | 0.200  (0.133) | 0.079  (0.235) |
| Asphalt | 0.27 (0.10) | 0.28 (0.08) |
| **medial arch** | Medial arch | Wood | 0.15 (0.11) | 0.21 (0.12) | **0.049**  (0.286) | 0.347  (0.074) | 0.128  (0.182) |
| Asphalt | 0.17 (0.09) | 0.22 (0.11) |
| **lateral arch** | Lateral arch | Wood | 0.22 (0.11) | 0.30 (0.12) | 0.058  (0.268) | 0.095  (0.215) | 0.103  (0.206) |
| Asphalt | 0.26 (0.09) | 0.31 (0.11) |
| **heel** | Heel | Wood | 0.29 (0.24) | 0.65 (0.35) | **0.003**  (0.543) | 0.718  (0.011) | 0.653  (0.017) |
| Asphalt | 0.33 (0.19) | 0.64 (0.27) |
| **whole foot** | Total | Wood | 1.71 (0.31) | 2.06 (0.51) | 0.055  (0.274) | 0.376  (0.066) | 0.330  (0.079) |
| Asphalt | 1.81 (0.26) | 2.07 (0.63) |

**Note:** Data are expressed in mean (SD). The shooting side was defined as the foot on the same side of the shooting arm (right for all participants). Significant *P*-values from repeated measures ANOVA (*P* < 0.05) are shown in bold. Effect size (*ηp*2) values of 0.01, 0.09 and 0.25 were interpreted as small, medium and large effects, respectively.