

**S4 Table:** Peak vGRF (BW), GRF<sub>mag</sub> (BW) and GRF<sub>ang</sub> (°) between sexes during normal (NL) and flexed (FL) drop landings.

		Female				Male				<i>p</i> - value	
		Mean	Min	Max	95% Confidence Interval	Mean	Min	Max	95% Confidence Interval	Main Effect Sex	Land
<b>Peak vGRF</b>	<b>NL</b>	2.15	1.55	2.91	2.02 – 2.29	2.16	1.48	2.89	2.06 – 2.26	0.17	< 0.001
	<b>FL</b>	1.90	1.34	2.48	1.81 – 2.00	1.71	1.34	2.25	1.64 – 1.79		
<b>GRF<sub>mag</sub></b>	<b>NL</b>	2.15	1.53	2.89	2.01 – 2.30	2.17	1.43	2.97	2.07 – 2.28	0.21	< 0.001
	<b>FL</b>	1.94	1.36	2.52	1.84 – 2.04	1.75	1.36	2.27	1.67 – 1.83		
<b>GRF<sub>ang</sub></b>	<b>NL</b>	-6.58	-10.02	-2.09	-7.45 – -5.71	-5.60	-9.07	1.05	-6.26 – -4.94	0.05	< 0.001
	<b>FL</b>	-7.24	-10.57	-3.31	-8.09 – -6.39	-6.16	-9.59	0.52	-6.81 – -5.52		

vGRF = vertical ground reaction force, GRF<sub>mag</sub> = ground reaction force magnitude, GRF<sub>ang</sub> = ground reaction force angle