

Table 2: Patellofemoral loading parameters (Mean  $\pm$  SD) in females as a function of both brace condition and workload.

	<i>Female</i>												
	No-Brace						Brace						
	70RPM		80RPM		90RPM		70RPM		80RPM		90RPM		
	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	<i>Mean</i>	<i>SD</i>	
<b>Peak patellofemoral force (N/kg)</b>	15.29	12.68	21.23	12.96	24.29	15.49	16.18	13.75	20.61	12.45	26.15	18.40	<i>A</i>
<b>Patellofemoral force integral (N/kg·s)</b>	4.55	2.81	5.31	3.51	5.79	3.44	4.21	2.51	3.90	4.66	5.37	3.87	<i>A B</i>
<b>Peak patellofemoral stress (KPa/kg)</b>	39.17	28.80	50.49	32.22	58.58	37.62	41.78	31.78	49.07	31.95	62.39	35.65	<i>A</i>
<b>Patellofemoral stress integral (KPa/kg·s)</b>	12.43	7.56	14.04	9.51	15.45	10.44	11.59	9.35	13.07	9.92	14.14	11.23	<i>B</i>
<b>Patellofemoral contact area at peak force (mm<sup>2</sup>)</b>	345.91	61.09	403.26	52.66	389.63	36.63	361.85	77.84	395.29	47.29	381.08	55.80	
<b>Mean patellofemoral contact area (mm<sup>2</sup>)</b>	373.80	18.08	375.91	17.17	373.47	19.75	368.29	23.61	371.65	26.86	372.59	25.08	
<b>Patellofemoral load rate (N/kg/s)</b>	375.19	126.40	559.07	278.40	597.71	268.71	579.00	286.26	595.81	316.89	712.66	396.45	

*A* = Main effect of WORKLOAD

*B* = Main effect of BRACE