

**Table S8. Data for sensitivity test 7: number of material properties**

<b>Model</b>	<b>Properties</b>	<b>SE (J)</b>	<b>m1 (N)</b>	<b>workTMJ (N)</b>	<b>balTMJ (N)</b>
J20101215TSA39	1	0.0241	293.79	222.58	242.57
J20101215TSA40	3	0.0242	293.71	222.76	242.55
J20101215TSA41	4	0.1192	327.72	192.76	219.20
J20101215TSA42	6	0.4922	403.97	180.69	183.75
J20101215TSA44	8	0.488	405.83	180.65	182.98
J20101215TSA43	10	0.3527	388.16	181.44	189.57