

**S5 Table. Probabilities of injury conditional on the variables in the Markov blanket for injured\_2.**

prob	FFFS_1	nlelg_2	stiffness_2	hrv_2	balance_2
0.53	Low	Low	High	Low	High
0.46	Low	High	High	Low	High
0.41	Low	Low	High	High	High
0.39	Low	Low	High	Low	Low
0.35	Low	High	High	High	High
0.33	Low	High	High	Low	Low
0.32	Low	Low	Low	Low	High
0.28	Low	Low	High	High	Low
0.26	Low	High	Low	Low	High
0.25	High	Low	High	Low	High
0.23	Low	High	High	High	Low
0.23	Low	Low	Low	High	High
0.22	High	High	High	Low	High
0.21	Low	Low	Low	Low	Low
0.18	Low	High	Low	High	High
0.17	High	Low	High	High	High
0.17	Low	High	Low	Low	Low
0.16	High	Low	High	Low	Low
0.15	High	High	High	High	High
0.14	Low	Low	Low	High	Low
0.13	High	High	High	Low	Low
0.13	High	Low	Low	Low	High
0.11	Low	High	Low	High	Low
0.11	High	High	Low	Low	High
0.11	High	Low	High	High	Low
0.09	High	High	High	High	Low
0.08	High	Low	Low	High	High
0.08	High	Low	Low	Low	Low
0.07	High	High	Low	High	High
0.06	High	High	Low	Low	Low
0.05	High	Low	Low	High	Low
0.04	High	High	Low	High	Low