

**S4 Table. Probabilities of injury conditional on the variables in the Markov blanket for injured\_1.**

prob	clevel	hours	nlelg_1	stiffness_1	balance_1
0.53	club_university_county	High	Low	High	High
0.46	national_international	High	Low	High	Low
0.44	national_international	High	Low	High	High
0.39	club_university_county	Low	High	High	High
0.37	club_university_county	High	Low	High	Low
0.32	national_international	Low	High	High	Low
0.32	club_university_county	High	High	High	High
0.31	club_university_county	High	High	Low	High
0.3	national_international	Low	High	High	High
0.29	club_university_county	Low	High	Low	High
0.25	national_international	High	High	High	Low
0.25	national_international	High	High	Low	Low
0.25	club_university_county	Low	High	High	Low
0.24	national_international	High	High	Low	High
0.24	national_international	High	High	High	High
0.24	national_international	Low	High	Low	Low
0.22	national_international	Low	High	Low	High
0.19	club_university_county	High	High	Low	Low
0.19	club_university_county	High	High	High	Low
0.18	club_university_county	Low	High	Low	Low
0.17	club_university_county	Low	Low	High	High
0.16	club_university_county	High	Low	Low	High
0.13	national_international	Low	Low	High	Low
0.12	national_international	High	Low	Low	Low
0.12	national_international	Low	Low	High	High
0.12	national_international	High	Low	Low	High
0.09	club_university_county	Low	Low	High	Low
0.09	club_university_county	High	Low	Low	Low
0.07	club_university_county	Low	Low	Low	High
0.06	national_international	Low	Low	Low	Low
0.05	national_international	Low	Low	Low	High
0.04	club_university_county	Low	Low	Low	Low