

**S6 Table. Highest and lowest probability of injury, conditional on the all variables in the Markov blanket for “injured”.**

| <b>Probability</b> | <b>hours</b> | <b>pi</b> | <b>nle</b> | <b>stiffness</b> |
|--------------------|--------------|-----------|------------|------------------|
| 0.77               | High         | injury    | +1SD       | +1SD             |
| 0.74               | High         | no injury | +1SD       | +1SD             |
| 0.72               | Low          | injury    | +1SD       | +1SD             |
| 0.70               | High         | injury    | +1SD       | mean             |
| 0.69               | High         | injury    | +1SD       | -1SD             |
| 0.68               | High         | no injury | +1SD       | mean             |
| 0.66               | High         | no injury | +1SD       | -1SD             |
| 0.65               | Low          | injury    | +1SD       | mean             |
| 0.64               | Low          | injury    | +1SD       | -1SD             |
| 0.61               | High         | injury    | mean       | +1SD             |
| 0.58               | High         | no injury | mean       | +1SD             |
| 0.54               | Low          | injury    | mean       | +1SD             |
| 0.54               | High         | injury    | mean       | mean             |
| 0.51               | High         | injury    | -1SD       | +1SD             |
| 0.51               | High         | injury    | mean       | -1SD             |
| 0.50               | High         | no injury | mean       | mean             |
| 0.48               | High         | no injury | mean       | -1SD             |
| 0.48               | Low          | injury    | mean       | mean             |
| 0.47               | High         | no injury | -1SD       | +1SD             |
| 0.46               | Low          | injury    | mean       | -1SD             |
| 0.44               | Low          | injury    | -1SD       | +1SD             |
| 0.44               | High         | injury    | -1SD       | mean             |
| 0.42               | High         | injury    | -1SD       | -1SD             |
| 0.41               | High         | no injury | -1SD       | mean             |
| 0.38               | High         | no injury | -1SD       | -1SD             |
| 0.37               | Low          | no injury | +1SD       | +1SD             |
| 0.37               | Low          | injury    | -1SD       | mean             |
| 0.35               | Low          | injury    | -1SD       | -1SD             |
| 0.32               | Low          | no injury | +1SD       | mean             |
| 0.29               | Low          | no injury | +1SD       | -1SD             |
| 0.20               | Low          | no injury | mean       | +1SD             |
| 0.18               | Low          | no injury | mean       | mean             |
| 0.16               | Low          | no injury | mean       | -1SD             |
| 0.15               | Low          | no injury | -1SD       | +1SD             |
| 0.13               | Low          | no injury | -1SD       | mean             |
| 0.11               | Low          | no injury | -1SD       | -1SD             |