Supplementary Table 3. Results from univariable contingency table analyses with presence of a sole haemorrhage (SH) at early lactation as an outcome. Sole soft tissue thickness (SSTT) is grouped into terciles. Likelihood ration testing was used to obtain P values.

|  |  |  |  |
| --- | --- | --- | --- |
| **Explanatory variable**  | **Category**  | **Prevalence of cows with SH at early lactation** | **P value**  |
| Farm  | 1 | 28.62% | <.0001 |
| 2 | 20.59% |
| 3 | 7.69% |
| Study  | 1 | 30.17% | 0.0026 |
| 2 | 18.02% |
| Parity  | 1 | 33.33% | 0.0003 |
| 2 | 12.70% |
| ≥3 | 22.06% |
| Season | Spring  | 14.81% | <.0001 |
| Summer  | 40.22% |
| Autumn | 24.00% |
| Winter | 25.97% |
| Mastitis within 30 days of calving | No | 22.52% | 0.6102 |
| Yes | 27.78% |
| SSTT at pre-calving | 1 | 22.97% | 0.9845 |
| 2 | 22.04% |
| 3 | 22.01% |
| SSTT at fresh  | 1 | 25.61% | 0.8871 |
| 2 | 23.23% |
| 3 | 22.88% |
| SSTT at early lactation | 1 | 29.41% | 0.0054 |
| 2 | 27.78% |
| 3 | 16.11% |
| BCS at pre-calving | <2.5 | 0.00% | 0.549 |
| 2.5 to 3 | 24.16% |
| >3 | 20.77% |
| BCS at fresh  | <2.5 | 0.00% |   |
| 2.5 to 3 | 20.29% | 0.201 |
| >3 | 27.40% |  |
| BCS at early lactation | <2.5 | 22.66% |  |
| 2.5 to 3 | 22.80% | 0.549 |
| >3 | 26.09% |  |

BCS= Body Condition Score