

Table S1. Kaplan-Meier estimates of healthy and lame cows (injured one to nine times) as classified by time to event (number of lactations).

Number of lactations	Number at risk	Number of events	Survival $\pm$ SE	95% Confidence interval	
				Lower	Upper
Healthy cows					
1	1847	258	0.86 $\pm$ 0.01	0.84	0.88
2	1588	259	0.72 $\pm$ 0.01	0.7	0.74
3	1237	310	0.54 $\pm$ 0.01	0.52	0.56
4	803	181	0.42 $\pm$ 0.01	0.39	0.44
5	519	103	0.34 $\pm$ 0.01	0.31	0.36
6	329	77	0.26 $\pm$ 0.01	0.23	0.28
7	181	50	0.19 $\pm$ 0.01	0.16	0.21
8	74	24	0.13 $\pm$ 0.01	0.1	0.15
9	27	9	0.08 $\pm$ 0.01	0.06	0.12
11	3	1	0.06 $\pm$ 0.02	0.02	0.13
Lame cows injured once					
1	1847	1	1.00 $\pm$ 0.00	1	1
2	1588	67	0.96 $\pm$ 0.01	0.95	0.97
3	1237	77	0.90 $\pm$ 0.01	0.88	0.91
4	803	50	0.84 $\pm$ 0.01	0.82	0.86
5	519	45	0.77 $\pm$ 0.01	0.74	0.8
6	329	28	0.70 $\pm$ 0.02	0.67	0.74
7	181	16	0.64 $\pm$ 0.02	0.6	0.69
8	74	10	0.56 $\pm$ 0.03	0.5	0.62
9	27	3	0.49 $\pm$ 0.04	0.41	0.59
10	8	3	0.31 $\pm$ 0.09	0.18	0.54
11	3	1	0.21 $\pm$ 0.10	0.08	0.55

Table S1 (continued).

Number of lactations	Number of risks	Number of events	Survival $\pm$ SE	95% Confidence interval	
				Lower	Upper
Lame cows injured twice					
2	1588	21	0.99 $\pm$ 0.00	0.98	0.99
3	1237	31	0.96 $\pm$ 0.01	0.95	0.97
4	803	31	0.93 $\pm$ 0.01	0.91	0.94
5	519	18	0.89 $\pm$ 0.01	0.87	0.91
6	329	19	0.84 $\pm$ 0.02	0.81	0.87
7	181	15	0.77 $\pm$ 0.02	0.73	0.82
8	741	21	0.75 $\pm$ 0.03	0.7	0.8
Lame cows injured three times					
2	1588	2	1.00 $\pm$ 0.00	1	1
3	1237	9	0.99 $\pm$ 0.00	0.99	1
4	803	13	0.98 $\pm$ 0.01	0.97	0.99
5	519	13	0.95 $\pm$ 0.01	0.94	0.97
6	329	9	0.93 $\pm$ 0.01	0.9	0.95
7	181	14	0.85 $\pm$ 0.02	0.81	0.9
8	74	5	0.80 $\pm$ 0.03	0.74	0.86
9	27	3	0.71 $\pm$ 0.06	0.61	0.83
10	8	2	0.53 $\pm$ 0.12	0.35	0.82
Lame cows injured four times					
2	1588	2	1.00 $\pm$ 0.00	1	1
3	1237	6	0.99 $\pm$ 0.00	0.99	1
4	803	6	0.99 $\pm$ 0.00	0.98	0.99
5	519	7	0.97 $\pm$ 0.01	0.96	0.99
6	329	6	0.96 $\pm$ 0.01	0.94	0.97
7	181	9	0.91 $\pm$ 0.02	0.87	0.94
8	74	3	0.87 $\pm$ 0.03	0.82	0.93
9	27	3	0.77 $\pm$ 0.06	0.67	0.9

Table S1 (continued).

Number of lactations	Number of risks	Number of events	Survival $\pm$ SE	95% Confidence interval	
				Lower	Upper
Lame cows injured five times					
3	1237	1	1.00 $\pm$ 0.001	1	1
4	803	1	1.00 $\pm$ 0.001	1	1
6	329	5	0.98 $\pm$ 0.01	0.97	1
7	181	2	0.97 $\pm$ 0.01	0.95	0.99
8	74	2	0.95 $\pm$ 0.02	0.91	0.99
Lame cows injured six times					
4	803	1	1.00 $\pm$ 0.001	1	1
5	519	1	1.00 $\pm$ 0.002	0.99	1
9	27	1	0.96 $\pm$ 0.04	0.89	1
Lame cows injured seven times					
4	803	1	1.00 $\pm$ 0.001	1.00	1
5	519	3	0.99 $\pm$ 0.004	0.99	1
6	329	3	0.98 $\pm$ 0.01	0.97	1
Lame cows injured eight times					
6	329	1	1.00 $\pm$ 0.003	0.99	1
7	181	1	0.99 $\pm$ 0.01	0.98	1
Lame cows injured nine times					
8	74	1	0.99 $\pm$ 0.01	0.96	1