

Supplement Table S5. Model 3 reduced: Results from binomial general linear mixed model testing the association between inflammation of the mammary gland after calving and before dry-off defined via somatic cell count in 3,462 cows from 251 dairy farms

Model 3 (reduced) - output			
Fixed effects	Estimate	SE	<i>P</i> -value ¹
Intercept ^a	-2.318	0.081	<0.001
IMGb ^b	0.729	0.116	<0.001
Random effects	Variance	SD	
Herd	0.213	0.461	

¹Significance was declared at *P*-values <0.05.

^aIntercept = inflammation of the mammary gland after calving was the reference category and defined via SCC threshold of >200,000 cells/mL in the first milk recording data after calving.

^bIMGb = inflammation of the mammary gland before dry-off was defined via SCC threshold of >200,000 cells/mL in the last milk recording data before dry-off.