*Table S9 Multivariable model Stata output (n=1296)*

Stata command: clogit ccstatus Pregsureever##i.DamParity3cat Pregsureever##ColosNotDam i.milk3, group(Farm) or vce(robust) base

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Exposure variable |  | Adjusted matched odds ratio (amOR) | 95% confidence interval | Wald test P value |
| Dam PregSure vaccination  | Unvaccinated | 1.0 |  |  |
| Vaccinated | 17.8 | 2.4, 134.4 | 0.005 |
| Lactation no.  | 1 | 1.0 |  |  |
| 2 | 0.5 | 0.1, 1.6 | 0.23 |
| 3+ | 0.7 | 0.2, 2.4 | 0.60 |
| Colostrum from different cow(s)  | No | 1.0 |  |  |
| Yes | 30.5 | 2.1, 440.5 | 0.012 |
| Raw milk from dam only | No | 1.0 |  |  |
| Yes | 3.4 | 1.6, 7.5 | 0.002 |
| Interaction between dam PregSure vaccination and lactation no. | Vaccinated & lactation 2Vaccinated & lactation 3+ | 4.87.4 | 1.1, 20.71.9, 28.9 | 0.0340.004 |
| Interaction between dam PregSure vaccination and colostrum from different cow(s) | Vaccinated & colostrum from different cow(s) Yes | 0.1 | 0.01, 0.95 | 0.046 |