

Coding of variables *M bovis*

A	id	herd number
B	negpos	1=antibody-positive to <i>Mycoplasma bovis</i> in bulk tank milk, 0=antibody-negative
C	lan nr	county number
D	lan	county name, 5: Östergötland, 6: Jönköping, 12: Skåne, 14: Västra Götaland
E	bras	breed (>80% of the herd), 1= Swedish Red, 2=Swedish Holstein, 3= mixed SH x SR, 4=other breeds
F	kgecm_c4	mean production of energy-corrected milk per cow in the 1-year period of study, 4 categories
G	cellt_c4	arithmetic mean bulk milk somatic cellcount x1000 in the period of study, 4 categories
H	kvlviv_c4	mean calving interval in months, 4 categories
I	inkald_c4	mean age at first calving in days, 4 categories
J	kfi70_c4	% of cows having >70 days between calving and first AI, 4 categories
K	ksi120_c4	% of cows having >120 days between calving and last AI, 4 categories
L	utot_c4	% of cows culled during the period of study, 4 categories
M	bes_c4	herd size, 4 categories
N	spkd_c2	% of calf mortality within 0-24h of birth, 2 categories
O	kd59_c2	calf mortality 1-59d after birth, 2 categories
P	kd179_2	calf mortality 60-179d after birth, 2 categories
Q	ud455_2	young stock mortality 180-455d after birth, 2 categories
R	u1lakt_c2	primiparous cows culled within 90 days of calving, 2 categories
S	ujuv_c2	cows culled due to udder disease, 2 categories
T	uklb_c2	cows culled due to claw or leg disease, 2 categories
U	ufrukt_c2	cows culled due to reproduction failure, 2 categories
V	sdod_c2	cows died or euthanized, 2 categories
W	sjbeht_c2	cows treated by a veterinarian for any disease, 2 categories
X	mastit_c2	cows treated by a veterinarian for clinical mastitis, 2 categories
Y	klbens_2	cows treated by a veterinarian for claw or leg disease, 2 categories

Z ipkvig_c2 heifers 17 months old not received first AI, 2 categories

J-L, N-Z calculated out of 100 animals at risk

Cutpoints between categories for variables with 4 groups is shown in the file "Coding of continuous variables into 4 groups". Herd size categories: 1: <40, 2: 40-69, 3: 70-119, 4: >120

Cutpoints between categories for the variables coded into 2 groups is shown below

	Variable	Level
N	Calf mortality (0-24 h) %	0: 0-4.99 1: >4.99
	Early calf mortality (1-60 days) ^a	0: 0-1.66 1: >1.66
P	Late calf mortality (2-6 months) ^a	0: 0 1: >0
	Young stock mortality (6-15 months) ^a	0: 0 1: >0
R	Culling first parity cows early lactation (0-90 days) ^a	0: 0-1.6 1: >1.6
	Culling due to udder diseases ^a	0: 0-6.9 1: >6.9
T	Culling due to hoof- and leg diseases ^a	0: 0-1.69 1: >1.69
	Culling due to reproduction	0: 0-6.94

	diseases^a	1: >6.94
V	Euthanized due to any reason^a	0: 0-4.93 1: >4.93
W	All veterinary-treated diseases^a	0: 0-16.4 1: >16.4
X	Veterinary-treated clinical mastitis^a	0: 0-6.7 1: >6.7
Y	Veterinary-treated hoof- and leg diseases^a	0: 0 1: >0
Z	Heifers > 17 months not inseminated (%)	0: 31.95 1: >31.95