COWS:

a = 0.0001630203118706545

b = 0.3133871629545207

c = 0.0002087729158606419

d = 0.1545343938047555

r = 0.1588527691497652 (b-d)

K = 427 ((b-d)/(a+c), rounded down)

DEER

a = 5.344494606004066e-005

b = 0.3768791938663965

c = 0.000132556919034232

d = 0.004786981995996809

r = 0.372092211870399691 (b-d)

K = 2000 ((b-d)/(a+c), rounded down)

HORSE

a = 0.0001015255091997882

b = 0.3394915057870583

c = 0.0002787862922068579

d = 0.009428810373913604

r = 0.330062695413144696 (b-d)

K = 868 ((b-d)/(a+c), rounded up)