Title: Response of bird predators for female wood tiger moth chemical defences

Description: Multiple behavioural responses of blue tit predators to the defence fluids of wood tiger moth (Arctia plantaginis) females that were either food deprived or fed ad libitum during development.

birdID = Individual code of blue tits  
sex = bird sex  
age = bird age  
sample = blinded moth defence fluid sample  
treatm = moth larval diet treatment  
mcol = moth hindwing colour (scale from 1-6, 1=yellow, 6=red)  
family = moth family  
individual = moth individual ID  
trial = trial number  
timesight = time at which bird first saw artificial prey  
timefin = time at which bird finished eating artificial prey  
propeat = proportion of artificial prey eaten by bird  
propremain = proportion of artificial prey left by bird  
duration = duration of the trial  
hestime = latency for bird to attack artificial prey after seeing it  
bc = number of times bird cleaned it’s beak  
bcrate = rate at which bird cleaned it’s beak during trial  
drink = number of times bird drank water  
drinkrate = rate at which bird drank water during trial  
drop = number of times bird dropped artificial prey  
droprate = rate at which bird dropped artificial prey during trial  
pupaweight = the weight of the moth during the pupa stage (mg)- a proxy for adult body weight  
fluidvol = the volume of defensive fluid (µl) produced by the moth  
fluidcol = the colour of the defensive fluid  
eclosure = the number of days spent as a pupa by the moth

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