

Correlations between fearfulness and social behaviours in an F7 intercross of red junglefowl and White Leghorn layers



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Aim

- Are there any correlations between traits in the intercross?
- Are there any gender differences?
- Are weight connected to any of the traits?

Method

Five behavioural tests measuring fearfulness or sociality

Results:

Males generally more fearful than females

Heavier males less fearful than the lighter ones



Correlations suggest a genetic linkage between tonic immobility and aggression & fear and sociality in chickens

