

Table S1. Predictions of relationships between dependent and independent variables of the tested models and whether the predictions were corroborated.

Prediction	Dependent Variable	Independent Variable	Predicted Relationship	Statistics Test	Supported
1	Number of disputes during the experimental session	Calories (Kcal/ 100g of edible food)	With an increase in consumed calories, an increase in disputes is expected	GLM	No
2	Number of disputes during the experimental session	Average number of individuals feeding together on the feeding platform	With an increase in number of individuals feeding together on the feeding platform, an rise in the disputes is expected	GLM	Yes
3	Number of disputes during the experimental session	Total amount of time spent feeding throughout the experimental session	With an increase in time spent feeding, an increase in the disputes is expected.	GLM	Yes
4	Number of disputes during the experimental session	Average number of males in the scan samples	With an increase in adult males, an increase disputes in theis expected.	GLM	Yes
5	Number of disputes during the experimental session	Average number of Females in the scan samples	With an incrise in adult females, an incrise in disputes is expected	GLM	Yes
6	Number of disputes during the experimental session	Calories (Kcal/ 100g of edible food)	It is expected that there will be mediation in the relationship between calories and the frequency of disputes	SEM	Yes