Description of data files and R scripts associated with:

Food insecurity increases energetic efficiency not food consumption

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Data files:

File name and type	Description
Exp 1 food consumption data.csv	Total amount eaten per day per aviary in Exp 1
Exp 1 mass data.csv	SFS mass data in Exp 1
Exp 1 behaviour data.csv	Manual scoring of behaviour from video in Exp 1
Exp 1 bomb calorimeter data.csv	Energy density of guano in Exp 1
Exp 2 food consumption data.csv	Total amount eaten per day per aviary in Exp 2
Exp 2 mass data.csv	SFS mass data in Exp 2
Exp 2 behaviour data.csv	Manual scoring of behaviour from video in Exp 2
Exp 3 food consumption data.csv	Total amount eaten per day per aviary in Exp 3
Exp 3 mass data.csv	SFS mass data in Exp 3
Exp 3 behaviour data.csv	Manual scoring of behaviour from video in Exp 3
Exp 3 bomb calorimeter data.csv	Energy density of guano in Exp 3
Exp 4 food consumption data.csv	Total amount eaten per day per aviary in Exp 4
Exp 4 mass data.csv	SFS mass data in Exp 4
Exp 4 peck data.csv	SFS key pecking and reinforcement data from Exp 4
Meta-analysis data.csv	Parameter estimates from models used in meta-analyses
rfids.txt	Look up table for bird IDs from RFID tag numbers (required by multiple analysis scripts)

R scripts:

File name and type	Description
Exp 1 mass and consumption analysis.R	R script for analysis of consumption and mass in Exp 1
Exp 1 bomb calorimeter analysis.R	R script for analysis of energy density of guano in Exp 1
Exp 1 behaviour analysis.R	R script for analysis of manually coded behaviour in Exp 1
Exp 2 mass and consumption analysis.R	R script for analysis of consumption and mass in Exp 2
Exp 2 behaviour analysis.R	R script for analysis of manually coded behaviour in Exp 2
Exp 3 mass and consumption analysis.R	R script for analysis of consumption and mass in Exp 3
Exp 3 bomb calorimeter analysis.R	R script for analysis of energy density of guano in Exp 3
Exp 3 behaviour analysis.R	R script for analysis of manually coded behaviour in Exp 3
Exp 4 mass and consumption analysis.R	R script for analysis of consumption and mass in Exp 4
Exp 4 foraging analysis.R	R script for analysis of operant peck data from Exp 4
Meta-analysis script v2.R	R script for meta-analysis of all experiments