File and variable descriptions for all files associated with Moldoff DM, Westneat DF: Foraging sparrows exhibit individual differences but not a syndrome when responding to multiple types of novelty. In Behavioral Ecology.

Files

Baseline.csv: Data from 5 baseline trials of foraging house sparrows.

Habituate.csv: Data from novel object trials

Neophobia.csv: Combined data from last 4 trials in the baseline condition and the first trial of each of the two novel objects.

Disciminate.csv: Data from novel cue trials

Covariance.csv: Aggregate data on latencies to feeding board and from board to feed across three contexts (baseline, novel object, and novel cue trials). This file is used for covariance analyses.

**Variable descriptions**

Baseline.csv

ID: Unique identifier for each subject, usually US Fish and Wildlife band number

Sex: M=Male, F=Female

Block: Identifier for the group of birds that were placed in aviaries at the same time

Julian: Date of trial relative to 1 January of same calendar year

DayRaw: Day-Month

Year: Calendar year

Aviary: Name for aviary where subject received all trials

Temp: Temperature that day in degrees Fahrenheit.

Starthour: Time trial started rounded to nearest half hour

Trial: Order of trial

TrialsPrevious: Number of previous trials in this context

SetupComplete: Time in seconds it took to set-up board after camera was started.

Board: Y=subject landed on board during trial, N=Subject never landed on board

Fed: Y=Subject fed during trial, N=Subject never fed during trial

LatencyToBoard: Time in seconds from when set-up was complete to subject landing the first time on the board.

LogLTB: Log base 10 of LatencyToBoard.

BoardToFeed: Time in seconds from first landing on board to subject feeding.

LogBTF: Log base 10 of BoardToFeed.

Notes: Unusual events of relevance

DateMCW: Within-individual mean-centered date in days

TempMCW: Within-individual mean-centered temperature in degrees Fahrenheit.

StartMCW: Within-individual mean-centered time trial started

DateMCB: Mean Julian date a subject’s baseline trials were done, centered on mean of all subjects

TempMCB: Mean temperature in degrees Fahrenheit experienced by a subject over all baseline trials centered on mean of all subjects

StartMCB: Mean start time of a subject’s baseline trials centered on mean of all subjects.

Habituate.csv

ID: Unique identifier for each subject, usually US Fish and Wildlife band number

Sex: M=Male, F=Female

Block: Identifier for the group of birds that were placed in aviaries at the same time

Julian: Date of trial relative to 1 January of same calendar year

DayRaw: Day-Month

Year: Calendar year

Aviary: Name for aviary where subject received all trials

Temp: Temperature that day in degrees Fahrenheit.

Starthour: Time trial started rounded to nearest half hour

HoursBTW: Number of hours between subsequent trial and the focal one.

ObjOrder: 1=Object was presented first, 2= Object was presented second.

Setup: Which object type (Jar=Glass mason jar, BCup=Blue plastic cup).

Trial: Order of trial

TrialsPrevious: Number of previous trials in this context

SetupComplete: Time in seconds it took to set-up board after camera was started.

Board: Y=subject landed on board during trial, N=Subject never landed on board

Fed: Y=Subject fed during trial, N=Subject never fed during trial

LatencyToBoard: Time in seconds from when set-up was complete to subject landing the first time on the board.

LogLTB: Log base 10 of LatencyToBoard.

BoardToFeed: Time in seconds from first landing on board to subject feeding.

LogBTF: Log base 10 of BoardToFeed.

Notes: Unusual events of relevance

DateMCW: Within-individual mean-centered date of novel object trial in days

TempMCW: Within-individual mean-centered temperature during novel object trial in degrees Fahrenheit.

StartMCW: Within-individual mean-centered time novel object trial started

DateMCB: Mean Julian date a subject’s novel object trials were done, centered on mean of all subjects

TempMCB: Mean temperature in degrees Fahrenheit experienced by a subject over all novel object trials centered on mean of all subjects

StartMCB: Mean start time of a subject’s novel object trials centered on mean of all subjects.

Neophobia.csv

ID: Unique identifier for each subject, usually US Fish and Wildlife band number

Sex: M=Male, F=Female

Block: Identifier for the group of birds that were placed in aviaries at the same time

Julian: Date of trial relative to 1 January of same calendar year

DayRaw: Day-Month

Year: Calendar year

Aviary: Name for aviary where subject received all trials

Temp: Temperature that day in degrees Fahrenheit.

Starthour: Time trial started rounded to nearest half hour

HoursBTW: Number of hours between subsequent trial and the focal one.

Setup: Context of trial (Baseline= baseline condition, Jar=Glass mason jar, BCup=Blue plastic cup).

Trial: Order of trial within context (2-5 for baseline, 1 is first trial with that object)

Object: Code for object present versus absent (-0.5 = object absent, 0.5 = object present).

SetupComplete: Time in seconds it took to set-up board after camera was started.

Board: Y=subject landed on board during trial, N=Subject never landed on board

Fed: Y=Subject fed during trial, N=Subject never fed during trial

LatencyToBoard: Time in seconds from when set-up was complete to subject landing the first time on the board.

LogLTB: Log base 10 of LatencyToBoard.

BoardToFeed: Time in seconds from first landing on board to subject feeding.

LogBTF: Log base 10 of BoardToFeed.

Notes: Unusual events of relevance

DateMCW: Within-individual mean-centered date of baseline/novel trial in days

TempMCW: Within-individual mean-centered temperature during baseline/novel trial in degrees Fahrenheit.

StartMCW: Within-individual mean-centered time baseline/novel object trial started

DateMCB: Mean Julian date a subject’s baseline/novel trials were done, centered on mean of all subjects

TempMCB: Mean temperature in degrees Fahrenheit experienced by a subject over all baseline/novel trials centered on mean of all subjects

StartMCB: Mean start time of a subject’s baseline/novel trials centered on mean of all subjects.

Discriminate.csv

ID: Unique identifier for each subject, usually US Fish and Wildlife band number

Sex: M=Male, F=Female

Block: Identifier for the group of birds that were placed in aviaries at the same time

Julian: Date of trial relative to 1 January of same calendar year

DayRaw: Day-Month

Year: Calendar year

Aviary: Name for aviary where subject received all trials

Temp: Temperature that day in degrees Fahrenheit.

Starthour: Time trial started rounded to nearest half hour

HoursBTW: Number of hours between subsequent trial and the focal one.

ObjOrder: 1=Object was presented first, 2= Object was presented second.

Setup: The set-up of colors used in trial (P/G = Purple covers for no food, G covers for food; Reverse indicates opposite).

SetupValue: Code indicating setup (0.5 = initial set-up, -0.5 = reversed setup).

Trial: Order of trial

TrialsPrevious: Number of previous trials in this context

SetupComplete: Time in seconds it took to set-up board after camera was started.

Fed: Y=Subject fed during trial, N=Subject never fed during trial

LatencyToBoard: Time in seconds from when set-up was complete to subject landing the first time on the board.

LogLTB: Log base 10 of LatencyToBoard.

BoardToFeed: Time in seconds from first landing on board to subject feeding.

LogBTF: Log base 10 of BoardToFeed.

TotalIncorrect: Number of incorrect covers that subject pecked at or flipped. Repeats on same well were counted as new errors.

Notes: Unusual events of relevance

DateMCW: Within-individual mean-centered date of novel cue trial in days

TempMCW: Within-individual mean-centered temperature during novel cue trial in degrees Fahrenheit.

StartMCW: Within-individual mean-centered time novel cue trial started

DateMCB: Mean Julian date a subject’s novel cue trials were done, centered on mean of all subjects

TempMCB: Mean temperature in degrees Fahrenheit experienced by a subject over all novel cue trials centered on mean of all subjects

StartMCB: Mean start time of a subject’s novel cue trials centered on mean of all subjects.

Covariate.csv

ID: Unique identifier for each subject, usually US Fish and Wildlife band number

Obs: Unique identifier for the observation

Sex: M=Male, F=Female

Block: Identifier for the group of birds that were placed in aviaries at the same time

Aviary: Name for aviary where subject received all trials

Board: Y=subject landed on board during trial, N=Subject never landed on board

Fed: Y=Subject fed during trial, N=Subject never fed during trial

DateMCW: Within-individual mean-centered date of trial in days, calculated within context

TempMCW: Within-individual mean-centered temperature during trial in degrees Fahrenheit, calculated within context.

StartMCW: Within-individual mean-centered time trial started, calculated within context.

DateMCB: Mean Julian date a subject’s trials were done, centered on mean of all subjects, calculated within contex.

TempMCB: Mean temperature in degrees Fahrenheit experienced by a subject over all trials within a context centered on mean of all subjects

StartMCB: Mean start time of a subject’s trials within context centered on mean of all subjects.

Trait: Code of context-specific trait; 3 contexts (baseline, novel object, novel cue) by 2 traits (latency to board, LTB, and latency from board to feed, BTF).

TraitW: Code for trait regardless of context (latency to board, LTB, and latency from board to feed, BTF).

Response: The measure of the trait in log base 10 seconds.