Psy 331.03 Advanced Laboratory in Operant Behavior
Nose work Laboratory

Research Team: _____________________________________
Dog: ______________________________________________

General Procedure:

1. Work with your dog on or off leash, depending on the reliability of your dog’s recall.
2. Start your dog at the start line.
   a. Hold your dog so s/he is facing the search area.
   b. Prompt “Find it”
   c. Let go of your dog or prompt your dog by moving forward if leashed.
3. Let your dog search the boxes/objects.
4. When your dog successfully finds the food: REWARD by PAIRING. Reach into the box and provide extra food reinforcers so your dog gets the idea that YOU give the reward, too!

Beginning Box Work:

This exercise will help your dog learn to find the hidden food. We start by making it VERY easy- putting the food in one box with the lids of all the boxes open.

Box Lids open; food in box.

**Trial 1:**
Success? Y N
Time to find: ____________ seconds

**Trial 2:**
Success? Y N
Time to find: ____________ seconds

**Trial 3:**
Success? Y N
Time to find: ____________ seconds

**Trial 4:**
Success? Y N
Time to find: ____________ seconds

**Trial 5:**
Success? Y N
Time to find: ____________ seconds
Box Lids slightly open; food in box.

**Trial 1:**
Success? Y N
Time to find: ____________ seconds

**Trial 2:**
Success? Y N
Time to find: ____________ seconds

**Trial 3:**
Success? Y N
Time to find: ____________ seconds

**Trial 4:**
Success? Y N
Time to find: ____________ seconds

**Trial 5:**
Success? Y N
Time to find: ____________ seconds

Box Lids closed; food in box.

**Trial 1:**
Success? Y N
Time to find: ____________ seconds

**Trial 2:**
Success? Y N
Time to find: ____________ seconds

**Trial 3:**
Success? Y N
Time to find: ____________ seconds

**Trial 4:**
Success? Y N
Time to find: ____________ seconds

**Trial 5:**
Success? Y N
Time to find: ____________ seconds
Advanced container search: Object search.

1. You will run your dog identically to the box work.
2. Now the dog will have to search various objects instead of just objects.

**Box-like objects, food in the object clearly visible.**

**Trial 1:**
- Success?   Y   N
- Time to find: ____________ seconds

**Trial 2:**
- Success?   Y   N
- Time to find: ____________ seconds

**Trial 3:**
- Success?   Y   N
- Time to find: ____________ seconds

**Trial 4:**
- Success?   Y   N
- Time to find: ____________ seconds

**Trial 5:**
- Success?   Y   N
- Time to find: ____________ seconds

**Box-like objects with food in tin:**

**Trial 1:**
- Success?   Y   N
- Time to find: ____________ seconds

**Trial 2:**
- Success?   Y   N
- Time to find: ____________ seconds

**Trial 3:**
- Success?   Y   N
- Time to find: ____________ seconds

**Trial 4:**
- Success?   Y   N
- Time to find: ____________ seconds

**Trial 5:**
- Success?   Y   N
Time to find: ____________ seconds

Tin hidden on the objects; food in tin.

**Trial 1:**
Success? Y N
Time to find: ____________ seconds

**Trial 2:**
Success? Y N
Time to find: ____________ seconds

**Trial 3:**
Success? Y N
Time to find: ____________ seconds

**Trial 4:**
Success? Y N
Time to find: ____________ seconds

**Trial 5:**
Success? Y N
Time to find: ____________ seconds
Advanced searches: Hallway and room searches.

1. You will run your dog identically to the box work.
2. Now the dog will have to search various objects in the room (and on the walls/floor) instead of just objects.

Food in tin; visible to the dog but on an object

Trial 1:
Success? Y N
Time to find: ____________ seconds

Trial 2:
Success? Y N
Time to find: ____________ seconds

Trial 3:
Success? Y N
Time to find: ____________ seconds

Trial 4:
Success? Y N
Time to find: ____________ seconds

Trial 5:
Success? Y N
Time to find: ____________ seconds

Food in tin; not clearly visible

Trial 1:
Success? Y N
Time to find: ____________ seconds

Trial 2:
Success? Y N
Time to find: ____________ seconds

Trial 3:
Success? Y N
Time to find: ____________ seconds

Trial 4:
Success? Y N
Time to find: ____________ seconds

Trial 5:
Success? Y N
Time to find: ____________ seconds
Tin hidden on the objects; not visible

Trial 1:
Success? Y N
Time to find: ____________ seconds

Trial 2:
Success? Y N
Time to find: ____________ seconds

Trial 3:
Success? Y N
Time to find: ____________ seconds

Trial 4:
Success? Y N
Time to find: ____________ seconds

Trial 5:
Success? Y N
Time to find: ____________ seconds
Advanced Box work: Pairing of Birch (scent) with Food

1. You will run your dog identically to the box work.

2. Now the dog will have to search for the food in the box, but the food will be in a tin and MIXED with the birch scent.

Box Lids slightly open; food in box.

Trial 1:
Success? Y N
Time to find: __________ seconds

Trial 2:
Success? Y N
Time to find: __________ seconds

Trial 3:
Success? Y N
Time to find: __________ seconds

Trial 4:
Success? Y N
Time to find: __________ seconds

Trial 5:
Success? Y N
Time to find: __________ seconds

Box Lids closed; food in box.

Trial 1:
Success? Y N
Time to find: __________ seconds

Trial 2:
Success? Y N
Time to find: __________ seconds

Trial 3:
Success? Y N
Time to find: __________ seconds

Trial 4:
Success? Y N
Time to find: __________ seconds

Trial 5:
Success? Y N
Time to find: __________ seconds
Advanced Box work: Birch only (no food in tin)

1. You will run your dog identically to the box work.
2. Now the dog will have to search for the food in the box, but the food will be in a tin and MIXED with the birch scent.

Box Lids slightly open; tin in box.

**Trial 1:**
Success? Y N
Time to find: ____________ seconds

**Trial 2:**
Success? Y N
Time to find: ____________ seconds

**Trial 3:**
Success? Y N
Time to find: ____________ seconds

**Trial 4:**
Success? Y N
Time to find: ____________ seconds

**Trial 5:**
Success? Y N
Time to find: ____________ seconds

Box Lids closed; tin in box.

**Trial 1:**
Success? Y N
Time to find: ____________ seconds

**Trial 2:**
Success? Y N
Time to find: ____________ seconds

**Trial 3:**
Success? Y N
Time to find: ____________ seconds

**Trial 4:**
Success? Y N
Time to find: ____________ seconds

**Trial 5:**
Success? Y N
Time to find: ____________ seconds
Advanced container search: Object search with BIRCH only.

1. You will run your dog identically to the box work.
2. Now the dog will have to search various objects instead of just objects.

Box-like objects, Birch tin in the object clearly visible.

Trial 1:
Success?  Y  N
Time to find: ____________ seconds

Trial 2:
Success?  Y  N
Time to find: ____________ seconds

Trial 3:
Success?  Y  N
Time to find: ____________ seconds

Trial 4:
Success?  Y  N
Time to find: ____________ seconds

Trial 5:
Success?  Y  N
Time to find: ____________ seconds

Box-like objects with birch tin:

Trial 1:
Success?  Y  N
Time to find: ____________ seconds

Trial 2:
Success?  Y  N
Time to find: ____________ seconds

Trial 3:
Success?  Y  N
Time to find: ____________ seconds

Trial 4:
Success?  Y  N
Time to find: ____________ seconds

Trial 5:
Success?  Y  N
Time to find: ____________ seconds
Tin hidden on the objects; birch tin.

**Trial 1:**
Success? Y N
Time to find: ____________ seconds

**Trial 2:**
Success? Y N
Time to find: ____________ seconds

**Trial 3:**
Success? Y N
Time to find: ____________ seconds

**Trial 4:**
Success? Y N
Time to find: ____________ seconds

**Trial 5:**
Success? Y N
Time to find: ____________ seconds