

Quality Control parameters for 5-CSRTT choice analysis.

1) Schedule name has to contain - “**Habituation 1**”

Each animal ID has to have **ONLY ONE (1)** “Habituation 1” session in the entire project life cycle.

- . **Max Number Trials** – no value (empty) or 0
- . **Max Schedule Time** = 600
- . **End Summary Condition** = 600

2) Schedule name has to contain - “**Habituation 2**”

Each animal ID has to have **THREE (3)** “Habituation 2” sessions in the entire project life cycle.

- . **Max Number Trials** – no value (empty) or 0
- . **Max Schedule Time** = 1200 or 2400
- . **End Summary Condition** = 1200 or 2400

3) Schedule name has to contain - “**Initial Touch**”

Each animal ID has to have **AT LEAST ONE (1)** “Initial Touch” sessions in the entire project life cycle.

- . **Max Number Trials** – 30
- . **Max Schedule Time** = 3600
- . **Analysis name** = must contain “ 5C_Initial Touch Train”
- . **End Summary – Condition** = greater than “0”
- . **End Summary – No Images** = greater than “0”
- . **End Summary – Condition** has to be equal to “3600” if the **End Summary – No Images** is less than “30”
- . **End Summary – No Images** has to be equal to “30” if the **End Summary – Condition** is less than “3600”.

4) Schedule name has to contain - “**Must Touch**”

Each animal ID has to have **AT LEAST ONE (1)** “Must Touch” sessions in the entire project life cycle.

- . **Max Number Trials** – 30
- . **Max Schedule Time** = 3600
- . **Analysis name** = must contain “ 5C_Touch Must Touch”

- . **End Summary – Condition** = greater than “0”
- . **End Summary – Corrects** = greater than “0”
- . **End Summary – Condition** has to be equal to “3600” if the **End Summary – Corrects** is less than “30”
- . **End Summary – Corrects** has to be equal to “30” if the **End Summary – Condition** is less than “3600”.

5) Schedule name has to contain - **“Must Initiate”**

Each animal ID has to have **AT LEAST ONE (1)** “Must Initiate” sessions in the entire project life cycle.

- . **Max Number Trials** – 30
- . **Max Schedule Time** = 3600
- . **Analysis name** = must contain “ 5C_Must Initiate Train”
- . **End Summary – Condition** = greater than “0”
- . **End Summary – Corrects** = greater than “0”
- . **End Summary – Condition** has to be equal to “3600” if the **End Summary – Corrects** is less than “30”
- . **End Summary – Corrects** has to be equal to “30” if the **End Summary – Condition** is less than “3600”.

6) Schedule name has to contain - **“Punish Incorrect”**

Each animal ID has to have **AT LEAST TWO (2)** “Punish Incorrect” sessions in the entire project life cycle.

- . **Max Number Trials** – 30
- . **Max Schedule Time** = 3600
- . **Analysis name** = must contain “ 5C_Touch Punish Incor”
- . **End Summary – Condition** = greater than “0”
- . **End Summary – Trials completed** = greater than “0”
- . **End Summary – Condition** has to be equal to “3600” if the **End Summary – Trials completed** is less than “30”
- . **End Summary – Trials completed** has to be equal to “30” if the **End Summary – Condition** is less than “3600”.

7) Schedule name has to contain - **“8s” or “8000ms”**
Each animal ID has to have **AT LEAST THREE (3)**
“5SCR TT_4s Var1” or “5SCR TT_4000ms Var1” sessions for
each database

- . **Max Number Trials** – 50
- . **Max Schedule Time** = 3600
- . **Analysis name** = must contain “Cam Mouse5C Touch Var1”
- . **Threshold – Condition** = greater than “0”
- . **Threshold – Trials** = greater than “0”
- . **Threshold – Condition** has to be equal to “3600” if the **Threshold – Trials** is less than “50”
- . **Threshold – Trials** has to be equal to “50” if the **Threshold – Condition** is less than “3600”.

8) Schedule name has to contain - **“4s” or “4000ms”**
Each animal ID has to have **AT LEAST THREE (3)**
“5SCR TT_4s Var1” or “5SCR TT_4000ms Var1” sessions for
each database

- . **Max Number Trials** – 50
- . **Max Schedule Time** = 3600
- . **Analysis name** = must contain “Cam Mouse5C Touch Var1”
- . **Threshold – Condition** = greater than “0”
- . **Threshold – Trials** = greater than “0”
- . **Threshold – Condition** has to be equal to “3600” if the **Threshold – Trials** is less than “50”
- . **Threshold – Trials** has to be equal to “50” if the **Threshold – Condition** is less than “3600”.

9) Each animal ID has to have **AT LEAST THREE (3)**
“5SCR TT_2s Var1” or “5SCR TT_2000ms Var1 sessions for
each database

- . **Max Number Trials** – 50
- . **Max Schedule Time** = 3600
- . **Analysis name** = must contain “Cam Mouse5C Touch Var1”
- . **Threshold – Condition** = greater than “0”

- . **Threshold – Trials** = greater than “0”
- . **Threshold – Condition** has to be equal to “3600” if the **Threshold – Trials** is less than “50”
- . **Threshold – Trials** has to be equal to “50” if the **Threshold – Condition** is less than “3600”.

10) Each animal ID has to have **Max two (2)** “5SCR TT_1.5s Var1” or “5SCR TT_1500ms Var1” sessions for **each database**

- . **Max Number Trials** – 50
- . **Max Schedule Time** = 3600
- . **Analysis name** = must contain “Cam Mouse5C Touch Var1”
- . **Threshold – Condition** = greater than “0”
- . **Threshold – Trials** = greater than “0”
- . **Threshold – Condition** has to be equal to “3600” if the **Threshold – Trials** is less than “50”
- . **Threshold – Trials** has to be equal to “50” if the **Threshold – Condition** is less than “3600”.

11) Each animal ID has to have **Max two (2)** “5SCR TT_1s Var1” or “5SCR TT_1000ms Var1” sessions for **each database**

- . **Max Number Trials** – 50
- . **Max Schedule Time** = 3600
- . **Analysis name** = must contain “Cam Mouse5C Touch Var1”
- . **Threshold – Condition** = greater than “0”
- . **Threshold – Trials** = greater than “0”
- . **Threshold – Condition** has to be equal to “3600” if the **Threshold – Trials** is less than “50”
- . **Threshold – Trials** has to be equal to “50” if the **Threshold – Condition** is less than “3600”.

12) Each animal ID has to have **Max two (2)** “5SCR TT_0.8s Var1” or “5SCR TT_800ms Var1” sessions for **each database**

- . **Max Number Trials** – 50
- . **Max Schedule Time** = 3600
- . **Analysis name** = must contain “Cam Mouse5C Touch Var1”
- . **Threshold – Condition** = greater than “0”
- . **Threshold – Trials** = greater than “0”
- . **Threshold – Condition** has to be equal to “3600” if the **Threshold – Trials** is less than “50”
- . **Threshold – Trials** has to be equal to “50” if the **Threshold – Condition** is less than “3600”.

13) Each animal ID has to have **Max two (2)** “5SCRTT_0.6s Var1” or “5SCRTT_600ms Var1” sessions for **each database**

- . **Max Number Trials** – 50
- . **Max Schedule Time** = 3600
- . **Analysis name** = must contain “Cam Mouse5C Touch Var1”
- . **Threshold – Condition** = greater than “0”
- . **Threshold – Trials** = greater than “0”
- . **Threshold – Condition** has to be equal to “3600” if the **Threshold – Trials** is less than “50”
- . **Threshold – Trials** has to be equal to “50” if the **Threshold – Condition** is less than “3600”.

14) Each animal ID has to have **Max two (2)** “5SCRTT_0.4s Var1” or “5SCRTT_400ms Var1” sessions for **each database**

- . **Max Number Trials** – 50
- . **Max Schedule Time** = 3600
- . **Analysis name** = must contain “Cam Mouse5C Touch Var1”
- . **Threshold – Condition** = greater than “0”
- . **Threshold – Trials** = greater than “0”
- . **Threshold – Condition** has to be equal to “3600” if the **Threshold – Trials** is less than “50”
- . **Threshold – Trials** has to be equal to “50” if the **Threshold – Condition** is less than “3600”.

15) Each animal ID has to have **Max two (2)** “5SCRTT_0.2s Var1” or “5SCRTT_200ms Var1 sessions for **each database**

- . **Max Number Trials** – 50
- . **Max Schedule Time** = 3600
- . **Analysis name** = must contain “Cam Mouse5C Touch Var1”
- . **Threshold – Condition** = greater than “0”
- . **Threshold – Trials** = greater than “0”
- . **Threshold – Condition** has to be equal to “3600” if the **Threshold – Trials** is less than “50”
- . **Threshold – Trials** has to be equal to “50” if the **Threshold – Condition** is less than “3600”.

16) Each animal ID has to have **at least six (6)** “5SCRTT_2s_INTRAPROBE_Var1” or “5SCRTT_2000ms_INTRAPROBE_Var1” sessions for **each database**

- . **Max Number Trials** – 50
- . **Max Schedule Time** = 3600
- . **Analysis name** = must contain “Cam Mouse5C Touch Var1”
- . **Threshold – Condition** = greater than “0”
- . **Threshold – Trials** = greater than “0”
- . **Threshold – Condition** has to be equal to “3600” if the **Threshold – Trials** is less than “50”
- . **Threshold – Trials** has to be equal to “50” if the **Threshold – Condition** is less than “3600”.

Quality Control parameters for Pairwise Visual Discrimination analysis (PD).

1) Schedule name has to contain - “**Habituation 1**”

Each animal ID has to have **ONLY ONE (1)** “Habituation 1” session in the entire project life cycle.

- . **Max Number Trials** – no value (empty) or 0

- . **Max Schedule Time** = 600

- . **End Summary Condition** = 600

2) Schedule name has to contain - “**Habituation 2**”

Each animal ID has to have **THREE (3)** “Habituation 2” sessions in the entire project life cycle.

- . **Max Number Trials** – no value (empty) or 0

- . **Max Schedule Time** = 1200 or 2400

- . **End Summary Condition** = 1200 or 2400

3) Schedule name has to contain - “**Initial Touch**”

Each animal ID has to have **AT LEAST ONE (1)** “Initial Touch” sessions in the entire project life cycle.

- . **Max Number Trials** – 30

- . **Max Schedule Time** = 3600

- . **End Summary – Condition** = greater than “0”

- . **End Summary – No. Images** = greater than “0”

- . **End Summary – Condition** has to be equal to “3600” if the **End Summary – No. Images** is less than “30”

- . **End Summary – No. Images** has to be equal to “30” if the **End Summary – Condition** is less than “3600”.

4) Schedule name has to contain - “**Must Touch**”

Each animal ID has to have **AT LEAST ONE (1)** “Must Touch” sessions in the entire project life cycle.

- . **Max Number Trials** – 30

- . **Max Schedule Time** = 3600

- . **End Summary – Condition** = greater than “0”

- . **End Summary – Corrects** = greater than “0”
- . **End Summary – Condition** has to be equal to “3600” if the **End Summary – Corrects** is less than “30”
- . **End Summary – Corrects** has to be equal to “30” if the **End Summary – Condition** is less than “3600”.

5) Schedule name has to contain - **“Must Initiate”**

Each animal ID has to have **AT LEAST ONE (1)** “Must Initiate” sessions in the entire project life cycle.

- . **Max Number Trials** – 30
- . **Max Schedule Time** = 3600
- . **End Summary – Condition** = greater than “0”
- . **End Summary – Corrects** = greater than “0”
- . **End Summary – Condition** has to be equal to “3600” if the **End Summary – Corrects** is less than “30”
- . **End Summary – Corrects** has to be equal to “30” if the **End Summary – Condition** is less than “3600”.

6) Schedule name has to contain - **“Punish Incorrect”**

Each animal ID has to have **AT LEAST TWO (2)** “Punish Incorrect” sessions in the entire project life cycle.

- . **Max Number Trials** – 30
- . **Max Schedule Time** = 3600
- . **End Summary – Condition** = greater than “0”
- . **End Summary – Trials completed** = greater than “0”
- . **End Summary – Condition** has to be equal to “3600” if the **End Summary – Trials completed** is less than “30”
- . **End Summary – Trials completed** has to be equal to “30” if the **End Summary – Condition** is less than “3600”.

7) Schedule name has to contain - **“Acquisition”**

Each animal ID has to have **AT LEAST TWO (2)** “Acquisition” sessions for **each database**

- . **Max Number Trials** – 30
- . **Max Schedule Time** = 3600

- . **End Summary – Condition** = greater than “0”
- . **End Summary – Trials completed** = greater than “0”
- . **End Summary – Condition** has to be equal to “3600” if the **End Summary – Trials completed** is less than “30”
- . **End Summary – Trials completed** has to be equal to “30” if the **End Summary – Condition** is less than “3600”.

8) Schedule name has to contain - “**Baseline**”

Each animal ID has to have **TWO (2)** “Baseline” sessions for **each database**

- . **Max Number Trials** – 30
- . **Max Schedule Time** = 3600
- . **End Summary – Condition** = greater than “0”
- . **End Summary – Trials completed** = greater than “0”
- . **End Summary – Condition** has to be equal to “3600” if the **End Summary – Trials completed** is less than “30”
- . **End Summary – Trials completed** has to be equal to “30” if the **End Summary – Condition** is less than “3600”.

9) Schedule name has to contain - “**Reversal**”

Each animal ID has to have **TEN (10)** “Reversal” sessions for **each database**

- . **Max Number Trials** – 30
- . **Max Schedule Time** = 3600
- . **End Summary – Condition** = greater than “0”
- . **End Summary – Trials completed** = greater than “0”
- . **End Summary – Condition** has to be equal to “3600” if the **End Summary – Trials completed** is less than “30”
- . **End Summary – Trials completed** has to be equal to “30” if the **End Summary – Condition** is less than “3600”.

10) Schedule name has to contain - “**RetentionReversal**”

Each animal ID has to have **TWO (2)** “RetentionReversal” sessions for **each database**

- . **Max Number Trials** – 30
- . **Max Schedule Time** = 3600
- . **End Summary – Condition** = greater than “0”
- . **End Summary – Trials completed** = greater than “0”
- . **End Summary – Condition** has to be equal to “3600” if the **End Summary – Trials completed** is less than “30”
- . **End Summary – Trials completed** has to be equal to “30” if the **End Summary – Condition** is less than “3600”.

11) Schedule name has to contain - “**Maintenance**”

There is no minimal number of session for each animal ID “Maintenance” for **each database**.

- . **Max Number Trials** – 30
- . **Max Schedule Time** = 3600
- . **End Summary – Condition** = greater than “0”
- . **End Summary – Trials completed** = greater than “0”
- . **End Summary – Condition** has to be equal to “3600” if the **End Summary – Trials completed** is less than “30”
- . **End Summary – Trials completed** has to be equal to “30” if the **End Summary – Condition** is less than “3600”.

Quality Control parameters for Paired Associate Learning (PAL) .

- 1) Schedule name has to contain - **“Habituation 1”**
Each animal ID has to have **ONLY ONE (1)** “Habituation 1” session in the entire project life cycle.
 - . **Max Number Trials** – no value (empty) or 0
 - . **Max Schedule Time** = 600
 - . **End Summary Condition** = 600

- 2) Schedule name has to contain - **“Habituation 2”**
Each animal ID has to have **THREE (3)** “Habituation 2” sessions in the entire project life cycle.
 - . **Max Number Trials** – no value (empty) or 0
 - . **Max Schedule Time** = 1200 or 2400
 - . **End Summary Condition** = 1200 or 2400

- 3) Schedule name has to contain - **“Initial Touch”**
Each animal ID has to have **AT LEAST ONE (1)** “Initial Touch” sessions in the entire project life cycle.
 - . **Max Number Trials** – 30
 - . **Max Schedule Time** = 3600
 - . **Analysis name** = must contain “ PAL Initial Train”
 - . **End Summary – Condition** = greater than “0”
 - . **End Summary – No Images** = greater than “0”
 - . **End Summary – Condition** has to be equal to “3600” if the **End Summary – No Images** is less than “30”
 - . **End Summary – No Images** has to be equal to “30” if the **End Summary – Condition** is less than “3600”.

- 4) Schedule name has to contain - **“Must Touch”**
Each animal ID has to have **AT LEAST ONE (1)** “Must Touch” sessions in the entire project life cycle.
 - . **Max Number Trials** – 30
 - . **Max Schedule Time** = 3600

- . **Analysis name** = must contain “ PAL Must Touch”
- . **End Summary – Condition** = greater than “0”
- . **End Summary – Corrects** = greater than “0”
- . **End Summary – Condition** has to be equal to “3600” if the **End Summary – Corrects** is less than “30”
- . **End Summary – Corrects** has to be equal to “30” if the **End Summary – Condition** is less than “3600”.

5) Schedule name has to contain - “**Must Initiate**”

Each animal ID has to have **AT LEAST ONE (1)** “Must Initiate” sessions in the entire project life cycle.

- . **Max Number Trials** – 30
- . **Max Schedule Time** = 3600
- . **Analysis name** = must contain “PAL Must Initiate”
- . **End Summary – Condition** = greater than “0”
- . **End Summary – Corrects** = greater than “0”
- . **End Summary – Condition** has to be equal to “3600” if the **End Summary – Corrects** is less than “30”
- . **End Summary – Corrects** has to be equal to “30” if the **End Summary – Condition** is less than “3600”.

6) Schedule name has to contain - “**Punish Incorrect**”

Each animal ID has to have **AT LEAST TWO (2)** “Punish Incorrect” sessions in the entire project life cycle.

- . **Max Number Trials** – 30
- . **Max Schedule Time** = 3600
- . **Analysis name** = must contain “ PAL Punish Incor”
- . **End Summary – Condition** = greater than “0”
- . **End Summary – Trials completed** = greater than “0”
- . **End Summary – Condition** has to be equal to “3600” if the **End Summary – Trials completed** is less than “30”
- . **End Summary – Trials completed** has to be equal to “30” if the **End Summary – Condition** is less than “3600”.

7) Schedule name has to contain - **“acquisition”**

Each animal ID must equal one (1) session. “acquisition” sessions for **each database**

- . **Max Number Trials** – 36
- . **Max Schedule Time** = 3600
- . **Analysis name** = must contain “ PAL Aquisition” (mistake)
- . **End Summary – Condition** = greater than “0”
- . **End Summary – Trials completed** = greater than “0”
- . **End Summary – Condition** has to be equal to “3600” if the **End Summary – Trials completed** is less than “36”
- . **End Summary – Trials completed** has to be equal to “36” if the **End Summary – Condition** is less than “3600”.

8) Schedule name has to contain - **“Mouse dPAL or Mouse sPAL”**

Each animal ID must contain at least 45 sessions. “dPAL or sPAL” sessions for **each database**

- . **Max Number Trials** – 36
- . **Max Schedule Time** = 3600
- . **Analysis name** = must contain “PAL Analysis”
- . **End Summary – Condition** = greater than “0”
- . **End Summary – Trials completed** = greater than “0”
- . **End Summary – Condition** has to be equal to “3600” if the **End Summary – Trials completed** is less than “36”
- . **End Summary – Trials completed** has to be equal to “36” if the **End Summary – Condition** is less than “3600”.

9) Schedule name has to contain - **“Mouse dPAL RETENTION or Mouse sPAL RETENTION”**

Each animal ID must contain at least 5 sessions. “dPAL RETENTION or sPAL RETENTION” sessions for **each database**

- . **Max Number Trials** – 36

- . **Max Schedule Time** = 3600
- . **Analysis name** = must contain "PAL Analysis"
- . **End Summary – Condition** = greater than "0"
- . **End Summary – Trials completed** = greater than "0"
- . **End Summary – Condition** has to be equal to "3600" if the **End Summary – Trials completed** is less than "36"
- . **End Summary – Trials completed** has to be equal to "36" if the **End Summary – Condition** is less than "3600".