

## Experiment 9: Vicarious counterconditioning

**Key:**

**VL = Vicarious Learning; FBQ = Fear Beliefs Questionnaire; HR = Heart Rate; NRT = Nature Reserve Task; BAT = Behavioural Avoidance Task**

Variable name	Variable label/description
Gender	Male or female
Age	Age in years
Age_Month	Age in months
Group	Counter-Condition, Extinction or Control Group
FearPaired_FBQ_Pre_Av	Fear-Paired Animal FBQ Mean Score Pre VL
Unpaired_FBQ_Pre_Av	Unpaired Animal FBQ Mean Score Pre VL
FearPaired_FBQ_Post_Av	Fear-Paired Animal FBQ Mean Score Post VL
Unpaired_FBQ_Post_Av	Unpaired Animal FBQ Mean Score Post VL
FearPaired_FBQ_PostUL_Av	Fear-Paired Animal FBQ Mean Score Post UL
Unpaired_FBQ_PostUL_Av	Unpaired Animal FBQ Mean Score Post UL
FearPaired_NRT_PreVL	Distance (mm) on NRT to Fear-Paired Animal Pre VL
Unpaired_NRT_PreVL	Distance (mm) on NRT to Unpaired Animal Pre VL
FearPaired_NRT_PostVL	Distance (mm) on NRT to Fear-Paired Animal Post VL
Unpaired_NRT_PostVL	Distance (mm) on NRT to Unpaired Animal Post VL
FearPaired_NRT_PostUL	Distance (mm) on NRT to Fear-Paired Animal Post UL
Unpaired_NRT_PostUL	Distance (mm) on NRT to Unpaired Animal Post UL
FearPairedAppYorN	Whether the child approached the Fear-

	paired animal (yes or no)
Time_Approach_FearPaired_BAT	Time to approach Fear-Paired animal (secs) on BAT
HR_0sec_FearPaired	HR at 0second baseline
HR_Approach_FearPaired	HR when hand is approaching Fear-Paired animal box
HR_In_FearPaired	HR when hand was in the Fear-Paired animal box
HR_Out_FearPaired	HR when withdrawing hand from Fear-Paired animal box
UnpairedAppYorN	Whether the child approached the unpaired animal (yes or no)
Time_Approach_Unpaired_BAT	Time to approach Unpaired animal (secs) on BAT
HR_0sec_Unpaired	HR at 0second baseline
HR_Approach_Unpaired	HR when hand is approaching Unpaired animal box
HR_In_Unpaired	HR when hand was in the Unpaired animal box
HR_Out_Unpaired	HR when withdrawing hand from Unpaired animal box
Incorrect_FearPaired	Number of incorrect responses when the probe was behind the Fear paired animal in the dot probe task
Incorrect_Unpaired	Number of incorrect responses when the probe was behind the unpaired animal in the dot probe task
RT_FearPaired	Fear-Paired RT Mean on DP task
RT_Unpaired	Unpaired RT Mean on DP task
ABBIAS	RT for Fear-paired animal - RT for unpaired animal
Cuscus_NRT_PreVL	Distance (mm) on NRT to Cuscus Pre VL

Quokka_NRT_PreVL	Distance (mm) on NRT to Quokka Pre VL
Cuscus_NRT_PostVL	Distance (mm) on NRT to Cuscus Post VL
Quokka_NRT_PostVL	Distance (mm) on NRT to Quokka Post VL
Cuscus_NRT_PostUL	Distance (mm) on NRT to Cuscus Post UL
Quokka_NRT_PostUL	Distance (mm) on NRT to Quokka Post UL
CuscusQ1Pre	Cuscus FBQ Question 1 Pre VL
CuscusQ2Pre	Cuscus FBQ Question 2 Pre VL
CuscusQ3Pre	Cuscus FBQ Question 3 Pre VL
CuscusQ4Pre	Cuscus FBQ Question 4 Pre VL
CuscusQ5Pre	Cuscus FBQ Question 5 Pre VL
CuscusQ6Pre	Cuscus FBQ Question 6 Pre VL
CuscusQ7Pre	Cuscus FBQ Question 7 Pre VL
Cuscus_Pre_FBQ_Av	Mean Fear Beliefs on FBQ for Cuscus Pre-VL
QuokQ1Pre	Quokka FBQ Question 1 Pre VL
QuokQ2Pre	Quokka FBQ Question 2 Pre VL
QuokQ3Pre	Quokka FBQ Question 3 Pre VL
QuokQ4Pre	Quokka FBQ Question 4 Pre VL
QuokQ5Pre	Quokka FBQ Question 5 Pre VL
QuokQ6Pre	Quokka FBQ Question 6 Pre VL
QuokQ7Pre	Quokka FBQ Question 7 Pre VL
Quokka_Pre_FBQ_Av	Mean Fear Beliefs on FBQ for Quokka Pre-VL
CuscusQ1Post	Cuscus FBQ Question 1 Post VL
CuscusQ2Post	Cuscus FBQ Question 2 Post VL
CuscusQ3Post	Cuscus FBQ Question 3 Post VL
CuscusQ4Post	Cuscus FBQ Question 4 Post VL

CuscusQ5Post	Cuscus FBQ Question 5 Post VL
CuscusQ6Post	Cuscus FBQ Question 6 Post VL
CuscusQ7Post	Cuscus FBQ Question 7 Post VL
Cuscus_FBQ_Post_Av	Mean Fear Beliefs on FBQ for Cuscus Post-VL
QuokQ1Post	Quokka FBQ Question 1 Post VL
QuokQ2Post	Quokka FBQ Question 2 Post VL
QuokQ3Post	Quokka FBQ Question 3 Post VL
QuokQ4Post	Quokka FBQ Question 4 Post VL
QuokQ5Post	Quokka FBQ Question 5 Post VL
QuokQ6Post	Quokka FBQ Question 6 Post VL
QuokQ7Post	Quokka FBQ Question 7 Post VL
Quokka_FBQ_Post_Av	Mean Fear Beliefs on FBQ for Quokka Post-VL
CuscusQ1PostUL	Cuscus FBQ Question 1 Post UL
CuscusQ2PostUL	Cuscus FBQ Question 2 Post UL
CuscusQ3PostUL	Cuscus FBQ Question 3 Post UL
CuscusQ4PostUL	Cuscus FBQ Question 4 Post UL
CuscusQ5PostUL	Cuscus FBQ Question 5 Post UL
CuscusQ6PostUL	Cuscus FBQ Question 6 Post UL
CuscusQ7PostUL	Cuscus FBQ Question 7 Post UL
Cuscus_FBQ_PostUL_Av	Mean Fear Beliefs on FBQ for Cuscus Post-UL
QuokQ1PostUL	Quokka FBQ Question 1 Post UL
QuokQ2PostUL	Quokka FBQ Question 2 Post UL
QuokQ3PostUL	Quokka FBQ Question 3 Post UL
QuokQ4PostUL	Quokka FBQ Question 4 Post UL
QuokQ5PostUL	Quokka FBQ Question 5 Post UL

QuokQ6PostUL	Quokka FBQ Question 6 Post UL
QuokQ7PostUL	Quokka FBQ Question 7 Post UL
Quokka_FBQ_PostUL_Av	Mean Fear Beliefs on FBQ for Quokka Post-UL
Time_Approach_Cuscus_BAT	Time to approach cuscus (secs) on BAT
HR_0sec_Cuscus	HR at 0 seconds for cuscus
HR_Approach_Cuscus	HR when hand is approaching cuscus
HR_In_Cuscus	HR when hand is in cuscus box
HR_Out_Cuscus	HR when withdrawing hand from cuscus box
Time_Approach_Quokka_BAT	Time to approach quokka (secs) on BAT
HR_0sec_Quokka	HR at 0 seconds for quokka
HR_Approach_Quokka	HR when hand is approaching quokka
HR_In_Quokka	HR when hand is in quokka box
HR_Out_Quokka	HR when withdrawing hand from quokka box