

Overview of individual performances for each transfer test

Cichlids	Transfer test A		Transfer test B		Transfer test C	
	add	sub	add	sub	add	sub
Individual 1	15/20 p<0.05	12/20 n.s	17/20 p<0.01	10/20 n.s	16/20 p<0.05	14/20 n.s
Individual 2	28/31 p<0.0001	18/31 n.s	14/20 n.s	14/20 n.s	17/20 p<0.01	15/20 p<0.05
Individual 3	22/28 p<0.01	21/28 p<0.05	10/20 n.s	14/20 n.s	16/20 p<0.05	15/20 p<0.05
Individual 4	19/22 p<0.001	11/22 n.s	14/20 n.s	14/20 n.s	13/20 n.s	15/20 p<0.05
Individual 5	16/20 p<0.05	17/20 p<0.01	16/20 p<0.05	12/20 n.s	18/20 p<0.001	14/20 n.s
Individual 6	17/20 p<0.01	17/20 p<0.01	13/20 n.s	15/20 p<0.05	15/20 p<0.05	16/20 p<0.05

Stingrays

Individual 1	19/20 p<0.0001	20/20 p<0.0001	17/20 p<0.01	18/20 p<0.001	20/20 p<0.0001	20/20 p<0.0001
Individual 2	20/20 p<0.0001	18/20 p<0.001	19/20 p<0.0001	18/20 p<0.001	18/20 p<0.001	19/20 p<0.0001
Individual 3	19/20 p<0.0001	16/20 p<0.05	18/20 p<0.001	16/20 p<0.05	19/20 p<0.0001	16/20 p<0.05

Supplementary table. Individual performances for each species during the transfer tests. Green indicates significant and red non significant performance. Correct choices are shown in relation to total number of trials.