Supplementary Table. Learning assay percent correct data and modeled probability data for each treatment. Each value = culmination of data from 10 fish for each exposure regimen.

A mathematical model for learning was devised to measure the probability P of a correct response as a function of the variable trial number as previously published and briefly described in the Materials and Methods.

MeHg	C)	0.0		0.01 0.03		0.06		0.1		0	0.3 0)	0		0		0		0		0.1		0.03		0.03		0.03		0.03		0.1		0.1		0.1	
SeMet	0	0 0		0		0	0	0		0		0		0.01		0.03		0.06		0.1		0.3		0.3		0.03		0.06		0.1		0.3		0.03)6	0.1	
trial	obs.	fitted	obs.	fitted	obs.	fitted	obs.	fitted	obs.	fitted	obs.	fitted	obs.	fitted	obs.	fitted	obs.	fitted	obs.	fitted	obs.	fitted	obs.	fitted	obs.	fitted	obs.	fitted	obs.	fitted	obs.	fitted	obs.	fitted	obs.	fitted	obs.	fitted
1	50.0	50.0	44.4	50.1	44.4	50.0	40.0	50.0	50.0	50.0	50.0	50.0	40.0	52.4	40.0	50.0	20.0	50.0	40.0	50.0	20.0	50.0	80.0	50.0	40.0	50.0	60.0	50.0	40.0	51.7	25.0	50.0	80.0	50.0	25.0	50.0	20.0	50.0
2	70.0	50.0	44.4	52.7	66.7	50.0	60.0	50.0	70.0	50.0	60.0	50.0	80.0	63.5	40.0	50.0	80.0	50.0	60.0	50.0	40.0	50.0	60.0	50.0	20.0	50.0	20.0	50.0	80.0	56.9	50.0	50.0	40.0	50.4	75.0	50.0	100.0	50.0
3	50.0	50.1	55.6	57.5	33.3	50.0	20.0	50.0	40.0	50.0	10.0	50.0	40.0	65.5	40.0	50.0	80.0	50.3	40.0	50.0	60.0	50.1	80.0	50.0	40.0	50.0	40.0	50.0	60.0	57.5	75.0	50.0	40.0	52.3	25.0	50.0	0.0	50.0
4	50.0	50.5	88.9	59.4	88.9	50.0	60.0	50.1	50.0	50.0	30.0	50.0	80.0	65.8	60.0	50.0	40.0	51.0	80.0	50.0	40.0	50.4	100.0	50.0	80.0	50.0	80.0	50.0	80.0	57.6	50.0	50.0	60.0	55.1	50.0	50.0	60.0	50.1
5	50.0	51.4	44.4	60.0	22.2	50.0	50.0	50.3	50.0	50.0	30.0	50.0	60.0	65.9	0.0	50.0	40.0	52.7	60.0	50.0	40.0	51.1	40.0	50.0	80.0	50.0	60.0	50.0	20.0	57.6	50.0	50.1	60.0	56.9	25.0	50.0	60.0	50.3
6	70.0	53.3	88.9	60.2	44.4	50.0	50.0	50.5	80.0	50.0	70.0	50.0	80.0	65.9	80.0	50.0	60.0	55.3	100.0	50.0	80.0	52.3	80.0	50.0	20.0	50.0	60.0	50.0	80.0	57.6	75.0	50.2	80.0	57.7	75.0	50.0	40.0	50.6
7	30.0	56.4	44.4	60.2	33.3	50.0	40.0	50.7	40.0	50.0	30.0	50.0	40.0	65.9	60.0	50.1	60.0	58.0	20.0	50.1	20.0	54.1	40.0	50.0	60.0	50.1	20.0	50.0	0.0	57.6	100.0	50.4	60.0	58.0	50.0	50.1	40.0	51.3
8	90.0	60.4	55.6	60.2	44.4	50.0	60.0	50.8	70.0	50.0	70.0	50.0	80.0	65.9	80.0	50.1	60.0	60.2	80.0	50.2	80.0	56.1	60.0	50.0	60.0	50.2	20.0	50.1	100.0	57.6	50.0	50.7	60.0	58.2	75.0	50.1	60.0	52.2
9	50.0	64.8	55.6	60.3	44.4	50.0	50.0	50.9	30.0	50.1	40.0	50.0	60.0	65.9	60.0	50.3	60.0	61.7	60.0	50.3	40.0	57.8	60.0	50.0	60.0	50.3	60.0	50.1	40.0	57.6	50.0	51.2	20.0	58.2	0.0	50.2	60.0	53.3
10	70.0	68.3	44.4	60.3	55.6	50.0	70.0	50.9	70.0	50.1	60.0	50.1	80.0	65.9	40.0	50.4	60.0	62.7	80.0	50.5	100.0	59.1	60.0	50.1	40.0	50.5	60.0	50.2	60.0	57.6	75.0	51.9	80.0	58.3	75.0	50.3	60.0	54.5
11	60.0	72.0	66.7	60.3	22.2	50.1	30.0	50.9	30.0	50.2	60.0	50.1	80.0	65.9	80.0	50.7	60.0	63.3	80.0	50.8	40.0	60.0	60.0	50.1	40.0	50.8	60.0	50.3	40.0	57.6	25.0	53.0	40.0	58.3	25.0	50.5	20.0	55.6
12	80.0	74.5	55.6	60.3	55.6	50.1	80.0	50.9	50.0	50.2	60.0	50.2	20.0	65.9	60.0	51.0	80.0	63.6	40.0	51.2	40.0	60.7	40.0	50.1	80.0	51.1	40.0	50.5	100.0	57.6	50.0	54.2	60.0	58.3	25.0	50.8	80.0	56.5
13	80.0	76.2	55.6	60.3	22.2	50.1	30.0	50.9	50.0	50.4	30.0	50.2	100.0	65.9	60.0	51.5	80.0	63.9	40.0	51.7	40.0	61.1	40.0	50.2	20.0	51.7	60.0	50.7	40.0	57.6	50.0	55.7	40.0	58.3	0.0	51.2	60.0	57.2
14	90.0	77.5	66.7	60.3	55.6	50.2	70.0	50.9	50.0	50.5	50.0	50.3	80.0	65.9	20.0	52.2	60.0	64.0	60.0	52.5	80.0	61.4	40.0	50.3	0.0	52.3	60.0	51.1	80.0	57.6	25.0	57.3	60.0	58.3	50.0	51.6	80.0	57.7
15	70.0	78.4	66.7	60.3	55.6	50.3	50.0	51.0	40.0	50.7	30.0	50.5	100.0	65.9	60.0	53.0	80.0	64.1	60.0	53.4	60.0	61.6	80.0	50.4	40.0	53.2	80.0	51.5	40.0	57.6	75.0	58.9	40.0	58.3	25.0	52.1	40.0	58.1
16	80.0	79.0	66.7	60.3	66.7	50.4	100.0	51.0	70.0	51.0	50.0	50.7	80.0	65.9	60.0	54.1	40.0	64.2	80.0	54.6	80.0	61.7	40.0	50.5	80.0	54.2	20.0	52.0	80.0	57.6	75.0	60.5	100.0	58.3	75.0	52.7	60.0	58.3
17	90.0	79.4	55.6	60.3	44.4	50.5	10.0	51.0	30.0	51.3	20.0	50.9	60.0	65.9	60.0	55.4	60.0	64.2	40.0	56.0	60.0	61.8	20.0	50.7	100.0	55.4	20.0	52.7	0.0	57.6	75.0	62.0	60.0	58.3	25.0	53.4	40.0	58.5
18	90.0	79.7	44.4	60.3	66.7	50.7	70.0	51.0	50.0	51.8	80.0	51.2	60.0	65.9	80.0	56.9	80.0	64.3	100.0	57.7	80.0	61.8	40.0	51.0	60.0	56.7	80.0	53.6	100.0	57.6	50.0	63.2	80.0	58.3	75.0	54.1	80.0	58.7
19	50.0	80.0	55.6	60.3	22.2	50.9	10.0	51.0	40.0	52.3	50.0	51.5	40.0	65.9	40.0	58.7	80.0	64.3	0.0	59.6	40.0	61.9	40.0	51.3	60.0	58.1	60.0	54.0	20.0	57.6	75.0	64.3	60.0	58.3	50.0	54.8 55.5	40.0	58.8
20	90.0 70.0	00.2	55.0 66.7	60.3	0.66	51.1 51.5	60.0	51.0	90.0	52.9 52.7	50.0	51.9	60.0	65.9	40.0	60.7	60.0	04.3 64.2	100.0	64.4	80.0 40.0	62.0	00.0 40.0	51.0	40.0	59.5 61.0	60.0	57.0	60.0	57.0 57.6	75.0	65.3	40.0	50.3	75.0	55.5	60.0	50.9 50.0
21	70.0	00.3 00.4	00.7	60.3	44.4	51.5	70.0	51.0	20.0	53.7	50.0	52.4	40.0	65.0	60.0	65.2	60.0	64.3	40.0	04.1 66.6	40.0	62.0	40.0	52.1	40.0	62.4	60.0	57.1	100.0	57.0	75.0	66.7	40.0	50.5	100.0	56.2	60.0	50.9
22	70.0	00.4 80.5	00.9 66.7	60.3	44.4	51.0	70.0	51.0	50.0	54.0	50.0	53.U	40.0	65.9	60.0	67.7	60.0	64.3	60.0	60.0	40.0	62.0	20.0	52.0	100.0	62.4	60.0	00.7	20.0	57.6	75.0 50.0	67.2	40.0	50.3	25.0	0.0C	60.0	59.0
23	80.0	80.5	66.7	60.3	77.8	52.5	50.0 60.0	51.0	60.0	56.7	60.0	54.6	80.0	65.9	80.0	70.2	20.0	64.4	80.0	71.7	80.0	62.0	20.0	53.0	60.0	65 1	20.0	62.2	20.0	57.6	50.0	67.6	100.0	58.3	20.0	57.4	60.0	59.0
25	70.0	80.6	66.7	60.3	55.6	53.3	10.0	51.0	30.0	58.0	50.0	55.5	80.0	65 Q	60.0	70.2	60.0	64.4	60.0	74.2	20.0	62.0	40.0	54.6	60.0	66.2	80.0	64.2	40.0	57.6	50.0	67.9	0.0	58.3	75.0	58.3	60.0	59.0
26	90.0	80.6	66.7	60.3	66.7	54.0	70.0	51.0	80.0	50.0	60.0	56.5	60.0	65.9	80.0	75.2	80.0	64.4	80.0	76.7	80.0	62.0	-0.0 60.0	55.5	60.0	67.3	80.0	66 3	80.0	57.6	50.0	68.2	80.0	58.3	50.0	58.7	60.0	59.1
20 27	80.0	80.6	66.7	60.3	11 1	54 8	30.0	51.0	40.0	60.9	50.0	57.6	60.0	65.9	100.0	77.5	60.0	64.4	80.0	79.0	40.0	62.0	40 0	56.5	60.0	68.3	60.0	68.4	60.0	57.6	100.0	68.4	40.0	58.3	25.0	59 0	60.0	59.1
28	100.0	80.6	66.7	60.3	88.9	55.6	60.0	51.0	90.0	62.6	70.0	58.9	00.0	00.0	80.0	79.7	60.0	64.4	100.0	81.2	100.0	62.0	80.0	57.6	80.0	69.1	80.0	70.6	60.0	57.6	75.0	68.6	80.0	58.3	50.0	59.3	60.0	59.1