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2. Learning in Dynamic Decision-Making Tasks

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3. Research Method

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3.4.

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1.

0	1	1	390	27	0.00	
0	2	1	172	15	0.50	$1 - ((0.99 * ((172 + 15 * 2) - (390 + 27 * 2))/480 + 0.01 * 0)) = 0.50$
0	2	2	226	2	0.00	
0	2	3	285	8	0.00	
0	3	1	147	10	0.92	$1 - ((0.99 * ((147 + 10 * 2) - (172 + 15 * 2))/480 + 0.01 * 0.5)) = 0.92$
0	3	2	222	2	0.99	$1 - ((0.99 * ((222 + 2 * 2) - (226 + 2 * 2))/480 + 0.01 * 0)) = 0.99$
0	3	3	248	2	0.90	$1 - ((0.99 * ((248 + 2 * 2) - (285 + 8 * 2))/480 + 0.01 * 0)) = 0.90$
0	3	4	269	2	0.00	

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$$1 - (.99 * ((172 + 15 * 2) - (390 + 27 * 2))/480 + .01 * 0.0).$$

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18      $(F(17{,}986) = 38.212, p < .001).$

4.1.   *1: D   C   C*
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        49,542   18   .   w   . -
  4   w   w   .   w   ,
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        $(F(16{,}1008) = 69.07, p < .001).$ A   -

                                w $(F(1{,}63) = 14.04,$
$p < .001,$ $\eta^2 = .185, \beta = 3.75, p < .001).$

                                                                              .
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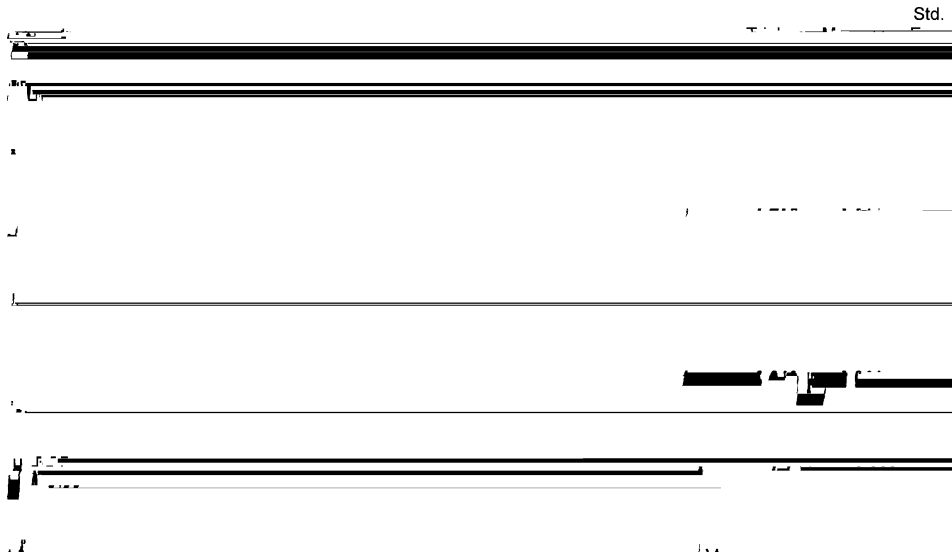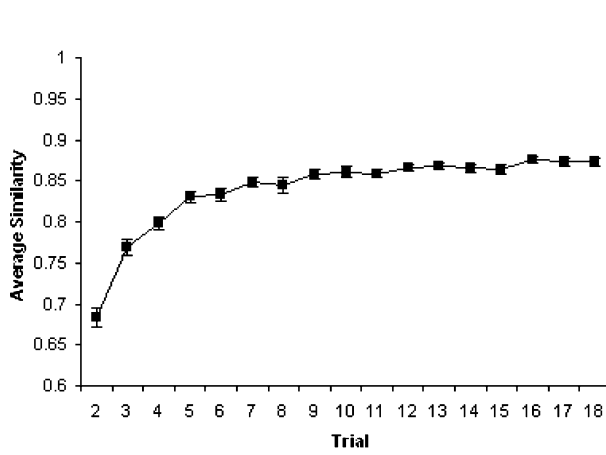*3.*   18 .

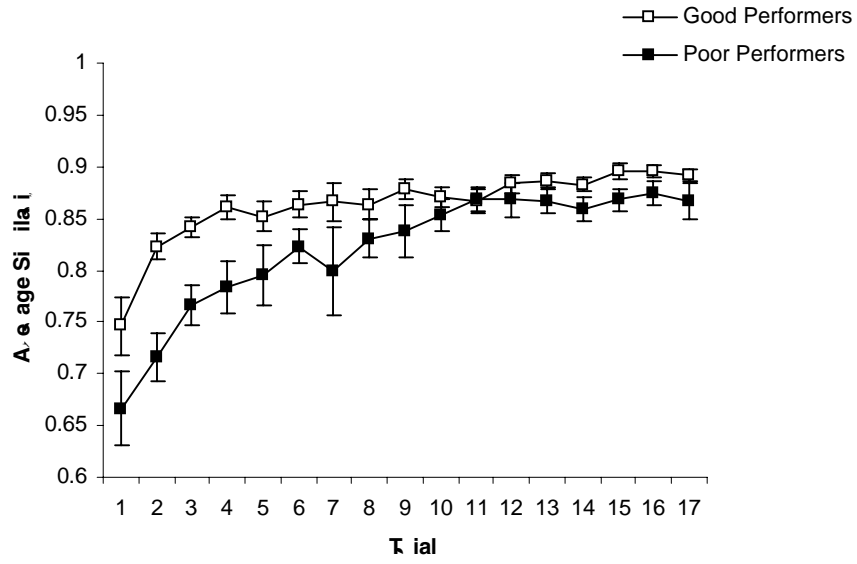| Trial	Mean	Std. Error
2	0.683	0.012
3	0.769	0.010
4	0.799	0.008
5	0.830	0.007
6	0.834	0.008
7	0.849	0.005
8	0.844	0.010
9	0.858	0.006
10	0.861	0.006
11	0.859	0.005
12	0.866	0.004
13	0.868	0.004
14	0.866	0.005
15	0.864	0.005
16	0.876	0.004
17	0.873	0.005
18	0.873	0.005

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Figure with legend:
- Good Performers (open squares)
- Poor Performers (filled squares)

Y-axis: Average Si ila i (0.6 to 1)
X-axis: T ial (1 to 17)

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Table 4.

				Cluster 1		
1	0	350.2	22.5	0-1-2-3-4-15-16-21-22	2-3	480-300-540
2	3	388.4	27.3	1-3-4-15-16-21-22	3	480-540
3	2	382.9	27.4	5-6-9-10-17-18-19-20	2	600-420-450
4	1	278.0	10.2	0-2-7-8-11-12-13-14	1-3-2	300-330-360-510-390-570
5	1	277.3	10.7	0-2-7-8-11-12-13-14	1-3-2	300-330-360-510-390-570
6	1	275.4	10.7	0-2-7-8-11-12-13-14	1-3-2	300-330-360-510-390-570
7	1	279.8	10.8	0-2-7-8-11-12-13-14	1-3-2	300-330-360-510-390-570
8	2	387.2	26.7	5-6-9-10-17-18-19-20	2	600-420-450
9	2	391.4	27.7	5-6-9-10-17-18-19-20	2	600-420-450
10	1	280.8	10.9	0-2-7-8-11-12-13-14	1-3-2	300-330-360-510-390-570
11	2	386.3	28.2	5-6-9-10-17-18-19-20	2	600-420-450
12	1	378.5	25.6	0-2-7-8-11-12-13-14	1-3-2	300-330-360-510-390-570
13	1	285.0	11.4	0-2-7-8-11-12-13-14	1-3-2	300-330-360-510-390-570
14	1	290.7	11.9	0-2-7-8-11-12-13-14	1-3-2	300-330-360-390-570-510
15	1	288.3	12.1	0-2-7-8-11-12-13-14	1-3-2	300-330-360-390-570-510
16	1	291.0	11.8	0-2-7-8-11-12-13-14	1-3-2	300-330-360-570-510-390
17	3	383.8	23.7	1-3-4-15-16-21-22	3	480-540
18	1	287.1	12.1	0-2-7-8-11-12-13-14	1-3-2	300-330-360-570-510-390
				Cluster 2		
1	1	302.0	10.3	7-8-11-12-13-14	1	300-330-360-390-510-570
2	1	272.4	10.4	0-2-7-8-11-12-13-14	1-2-3	300-330-360-390-510-570
3	3	392.3	26.6	1-3-4-15-16-21-22	3	480-540
4	3	387.8	25.7	1-3-4-15-16-21-22	3	480-540
5	2	380.7	27.2	5-6-9-10-17-18-19-20	2	420-450-600
6	2	387.0	27.3	5-6-9-10-17-18-19-20	2	420-450-600
7	3	381.9	25.5	1-3-4-15-16-21-22	3	480-540
8	1	278.8	10.9	0-2-7-8-11-12-13-14	1-2-3	300-330-360-390-510-570
9	1	280.9	11.1	0-2-7-8-11-12-13-14	1-2-3	300-330-360-390-510-570
10	3	379.8	24.3	1-3-4-15-16-21-22	3	480-540
11	3	377.3	25.8	1-3-4-15-16-21-22	3	480-540
12	1	283.6	10.9	0-2-7-8-11-12-13-14	1-2-3	300-330-360-390-510-570
13	3	383.7	26.0	1-3-4-15-16-21-22	3	480-540
14	2	388.6	26.9	5-6-9-10-17-18-19-20	2	420-450-600
15	2	381.3	26.5	5-6-9-10-17-18-19-20	2	420-450-600
16	2	383.3	26.8	5-6-9-10-17-18-19-20	2	420-450-600
17	1	294.8	11.7	0-2-7-8-11-12-13-14	1-2-3	300-330-360-390-510-570

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18	3	381.6	24.6	1-3-4-15-16-21-22	3	480-540

Chapter 3

1	2	376.0	27.0	5-6-9-10-17-18-19-20	2	420-450-600
2	2	375.0	27.6	5-6-9-10-17-18-19-20	2	420-450-600
3	1	276.5	10.1	0-2-7-8-11-12-13-14	1-2-3	300-330-360-390-510-570
4	2	379.8	26.3	5-6-9-10-17-18-19-20	2	420-450-600
5	3	381.8	24.9	1-3-4-15-16-21-22	3	480-540
6	3	382.4	25.0	1-3-4-15-16-21-22	3	480-540
7	2	389.5	27.4	5-6-9-10-17-18-19-20	2	420-450-600
8	3	385.3	25.8	1-3-4-15-16-21-22	3	480-540
9	3	380.7	25.5	1-3-4-15-16-21-22	3	480-540
10	2	387.4	28.5	5-6-9-10-17-18-19-20	2	420-450-600
11	1	283.6	11.3	0-2-7-8-11-12-13-14	1-2-3	300-330-360-390-510-570

6. ... 1: 1, 3, 4, 5, 15, 16, 21, 22; 2: 5, 6, 9, 10, 17, 18, 19, 20; 3: 0, 2, 7, 8, 11, 12, 13, 14.

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