Conditioned Reinforcement

Marios Panayi

12/28/2020

(#tab:Stage 1 Acquisition STats Mag\*prob )

*Magazine Frequency ANOVA*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Effect |  |  |  |  |
| Day | 41.59 | 5 | 75 | < .001 |
| Magnitude | 0.00 | 1 | 15 | .958 |
| Probability | 0.57 | 1 | 15 | .462 |
| Day Magnitude | 0.67 | 5 | 75 | .651 |
| Day Probability | 2.43 | 5 | 75 | .042 |
| Magnitude Probability | 0.26 | 1 | 15 | .616 |
| Day Magnitude Probability | 2.49 | 5 | 75 | .038 |

(#tab:Stage 1 Acquisition STats Mag\*prob )

*Magazine Duration ANOVA*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Effect |  |  |  |  |
| Day | 14.19 | 5 | 75 | < .001 |
| Magnitude | 3.46 | 1 | 15 | .083 |
| Probability | 3.48 | 1 | 15 | .082 |
| Day Magnitude | 0.99 | 5 | 75 | .429 |
| Day Probability | 1.42 | 5 | 75 | .227 |
| Magnitude Probability | 0.00 | 1 | 15 | .976 |
| Day Magnitude Probability | 1.12 | 5 | 75 | .355 |

(#tab:Stage 1 Acquisition Last 5s Stats mag\*prob )

*Magazine Frequency ANOVA - 5s*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Effect |  |  |  |  |
| Day | 15.01 | 14 | 210 | < .001 |
| Magnitude | 0.98 | 1 | 15 | .337 |
| Probability | 1.20 | 1 | 15 | .291 |
| Day Magnitude | 1.49 | 14 | 210 | .116 |
| Day Probability | 1.25 | 14 | 210 | .242 |
| Magnitude Probability | 0.31 | 1 | 15 | .583 |
| Day Magnitude Probability | 0.89 | 14 | 210 | .572 |

(#tab:Stage 1 Acquisition Last 5s Stats mag\*prob )

*Magazine Duration ANOVA - 5s*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Effect |  |  |  |  |
| Day | 11.18 | 14 | 210 | < .001 |
| Magnitude | 1.11 | 1 | 15 | .309 |
| Probability | 1.83 | 1 | 15 | .196 |
| Day Magnitude | 1.94 | 14 | 210 | .024 |
| Day Probability | 1.35 | 14 | 210 | .180 |
| Magnitude Probability | 0.01 | 1 | 15 | .925 |
| Day Magnitude Probability | 0.93 | 14 | 210 | .526 |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Day | subject | P100\_HighVsLow\_High\_P100\_CS | P100\_HighVsLow\_Low\_P100\_CS | P100\_HighVsLow\_High\_P100\_LP | P100\_HighVsLow\_Low\_P100\_LP | P50\_HighVsLow\_High\_P50\_CS | P50\_HighVsLow\_Low\_P50\_CS | P50\_HighVsLow\_High\_P50\_LP | P50\_HighVsLow\_Low\_P50\_LP |
| Day13 | 11\_\_\_\_ | 11 | 4 | 24 | 13 | 1 | 9 | 3 | 22 |
| Day13 | 14\_\_\_\_ | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Day13 | 16\_\_\_\_ | 7 | 0 | 19 | 2 | 3 | 8 | 9 | 20 |
| Day13 | 34\_\_\_\_ | 10 | 0 | 24 | 0 | 0 | 5 | 0 | 16 |
| Day13 | 36\_\_\_\_ | 0 | 0 | 0 | 0 | 2 | 0 | 5 | 0 |
| Day13 | 38\_\_\_\_ | 3 | 17 | 7 | 40 | 21 | 2 | 55 | 7 |
| Day13 | 40\_\_\_\_ | 10 | 34 | 25 | 91 | 14 | 3 | 41 | 7 |
| Day13 | 9\_\_\_\_\_ | 29 | 2 | 97 | 9 | 1 | 26 | 6 | 83 |
| Day16 | 10\_\_\_\_ | 0 | 1 | 0 | 2 | 20 | 0 | 47 | 0 |
| Day16 | 12\_\_\_\_ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Day16 | 13\_\_\_\_ | 1 | 0 | 2 | 0 | 2 | 1 | 4 | 3 |
| Day16 | 15\_\_\_\_ | 9 | 10 | 22 | 25 | 7 | 3 | 16 | 9 |
| Day16 | 35\_\_\_\_ | 0 | 1 | 0 | 2 | 0 | 3 | 3 | 9 |
| Day16 | 37\_\_\_\_ | 8 | 0 | 17 | 1 | 0 | 0 | 0 | 0 |
| Day16 | 39\_\_\_\_ | 12 | 13 | 27 | 29 | 7 | 1 | 14 | 4 |
| Day16 | 41\_\_\_\_ | 22 | 2 | 51 | 6 | 0 | 23 | 4 | 51 |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Day | subject | High\_100Vs50\_High\_P100\_CS | High\_100Vs50\_High\_P50\_CS | High\_100Vs50\_High\_P100\_LP | High\_100Vs50\_High\_P50\_LP | Low\_100Vs50\_Low\_P100\_CS | Low\_100Vs50\_Low\_P50\_CS | Low\_100Vs50\_Low\_P100\_LP | Low\_100Vs50\_Low\_P50\_LP |
| Day13 | 10\_\_\_\_ | 3 | 0 | 7 | 1 | 0 | 5 | 0 | 13 |
| Day13 | 12\_\_\_\_ | 4 | 1 | 9 | 3 | 0 | 0 | 0 | 0 |
| Day13 | 13\_\_\_\_ | 0 | 0 | 0 | 0 | 3 | 0 | 11 | 1 |
| Day13 | 15\_\_\_\_ | 4 | 1 | 11 | 4 | 0 | 7 | 1 | 15 |
| Day13 | 35\_\_\_\_ | 3 | 4 | 7 | 10 | 5 | 2 | 12 | 6 |
| Day13 | 37\_\_\_\_ | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 |
| Day13 | 39\_\_\_\_ | 0 | 2 | 0 | 5 | 0 | 0 | 0 | 0 |
| Day13 | 41\_\_\_\_ | 24 | 6 | 59 | 16 | 16 | 20 | 35 | 49 |
| Day16 | 11\_\_\_\_ | 5 | 2 | 11 | 4 | 5 | 3 | 10 | 6 |
| Day16 | 14\_\_\_\_ | 0 | 11 | 1 | 25 | 3 | 0 | 8 | 0 |
| Day16 | 16\_\_\_\_ | 1 | 1 | 3 | 2 | 1 | 0 | 2 | 0 |
| Day16 | 34\_\_\_\_ | 0 | 1 | 0 | 2 | 4 | 0 | 8 | 1 |
| Day16 | 36\_\_\_\_ | 1 | 0 | 2 | 1 | 1 | 0 | 3 | 0 |
| Day16 | 38\_\_\_\_ | 7 | 0 | 17 | 1 | 1 | 8 | 2 | 24 |
| Day16 | 40\_\_\_\_ | 50 | 7 | 137 | 16 | 3 | 18 | 8 | 43 |
| Day16 | 9\_\_\_\_\_ | 9 | 10 | 27 | 32 | 18 | 0 | 48 | 2 |