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| Parameter | Value | Explanation |
|  | 0.04 | Learning rate for outcome and transition functions |
|  | 5 | Exploration rate in the soft-max rule |
|  | 1 | Discount factor |
|  | 3 | Free parameter of the drive function |
|  | 4 | Free parameter of the drive function |
|  | 50 | Homeostatic setpoint |
|  | 0 | Initial internal state |
|  | 1 | Amount of water received upon every correct pecking |
|  | 10 | Energy cost for every pecking |