

# Resource Summary Report

Generated by PRECISE-TBI on Sep 7, 2026

## Two Armed Bandit Task project

RRID:SCR\_021483

Type: Tool

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### Proper Citation

Two Armed Bandit Task project (RRID:SCR\_021483)

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### Resource Information

**URL:** <https://edspace.american.edu/openbehavior/project/2abt/>

**Proper Citation:** Two Armed Bandit Task project (RRID:SCR\_021483)

**Description:** Project related to training mice on task that requires continued updating of action/outcome relationships. Behavioral project includes task protocol and corresponding build instructions. Open source behavioral box used to train mice on task that requires continued updating of action/outcome relationships. Permits investigation of motivated behavior that requires flexible relationships between sensory stimuli and motor action. Project provided by Harvard Medical School scientists.

**Abbreviations:** 2ABT

**Synonyms:** Two Armed Bandit Task

**Resource Type:** data or information resource, instrument resource, portal, project portal

**Keywords:** Behavioral box, train mice, action continued updating, outcome relationships updating, motivated behavior investigation, flexible relationships, sensory stimuli, motor action, OpenBehavior, Instrument

**Availability:** Free, Freely available

**Resource Name:** Two Armed Bandit Task project

**Resource ID:** SCR\_021483

**Record Creation Time:** 20220129T080355+0000

**Record Last Update:** 20260905T132940+0000

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### Ratings and Alerts

No rating or validation information has been found for Two Armed Bandit Task project.

No alerts have been found for Two Armed Bandit Task project.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

Locantore J, et al. (2025) Mixed representations of choice direction and outcome by GABA/glutamate cotransmitting neurons in the entopeduncular nucleus. eLife, 13.

Beron CC, et al. (2022) Mice exhibit stochastic and efficient action switching during probabilistic decision making. Proceedings of the National Academy of Sciences of the United States of America, 119(15), e2113961119.