

PRODUCT OVERVIEW

Decision support for blackjack, built on the exact remaining shoe.

OddsOfBlackjack (OOB) evaluates the current game state and shows the Expected Value of each available action. You configure the table rules, enter the cards as they are exposed, and OOB updates the state and the calculations. It does not operate a casino, accept wagers, or guarantee wins or financial results.

For players and learners who want to see how the remaining cards and the table rules change the value of each decision, with the method and its limits documented in public.

AVAILABLE TODAY

What the application does

Exact remaining composition
Every card you enter updates the count of each rank left in the shoe.

EV of every available action
Hit, Stand, Double, Split and Surrender where available, per original bet, with the highest-EV action. A highest-EV action can still lose.

The table you configure
4, 5, 6 or 8 decks and nine table rules, from the hole-card rule and soft 17 to doubling, splitting, surrender and payout.

Suggested initial bet
Graduated or Selective. Both use the estimated pre-bet EV and your confirmed balance; the initial bet is fixed for the round.

Hi-Lo True Count for reference
Shown alongside the composition-dependent analysis; not the sole input to the decision.

Split hands and session history
Split-hand decision support under the selected rules, and a saved history of the session details you enter.

Not in the application: Risk of Ruin, variance metrics and automatic borderline alerts. Results depend on entering the cards and the table rules correctly. OOB is built for games dealt from a finite shoe; it has no continuous-shuffling mode.

ACCESS

Trial access, reviewed manually

Request trial access at oddsofblackjack.com/free-trial. Requests are reviewed and activated manually. No card is required, and trial access never becomes a paid plan automatically. New users can start with Getting Started.

In preparation, not yet available: self-service paid plans with online checkout and billing management in the account.

PUBLISHED EVIDENCE

What can be inspected, and what each item covers

Item and link	What it covers
Reproducible States oddsofblackjack.com/proof/reproducible-states	Published states with rules, composition and action EVs, internally reproduced on their stated build.
Same True Count / Different Shoe oddsofblackjack.com/proof/same-true-count-different-shoe	Two states with the same True Count and different highest-EV actions.
Basic Strategy vs OOB oddsofblackjack.com/proof/basic-strategy-vs-oob	A limited comparison of the first decision on initial two-card non-pair hands; both action EVs are evaluated by OOB.
One Million Cards oddsofblackjack.com/proof/1-million-cards	A retrospective comparison on two simulated tracks; not a forecast or guarantee.
100-Hour Simulated Replay oddsofblackjack.com/proof/100-hour-replay	A retrospective comparison on simulated rounds; simulated, not real play.
Methodology oddsofblackjack.com/research/methodology	How the state, the action EVs and the suggested initial bet are produced.
Technical Whitepaper oddsofblackjack.com/research/technical-whitepaper	The model, its conventions and approximations, and the scope of each piece of evidence.
Validation Register oddsofblackjack.com/research/validation	Documented internal checks, their scope and version, and recorded discrepancies.

The overview of all evidence is on the Proof page: oddsofblackjack.com/proof.

LIMITS

Read the evidence with its limits

- Verification is internal. Independent third-party validation has not been performed.
- No real-play or real-money results are published. Simulated results are not real play.
- Action EVs are computed under documented conditioning conventions; they are a model of the hand.
- The pre-bet EV is an estimate; its internal audit has not reached a verdict.
- Expected Value describes mathematical expectation, not guaranteed results.

LEARN

Explanations in plain terms

- Expected Value
- True Count vs Exact Composition
- Blackjack Rules Explained
- Finite Shoe vs Continuous Shuffling
- Penetration, Variance, Risk of Ruin
- Graduated vs Selective

The Risk of Ruin and Variance pages are educational. The application does not provide those estimates.

CONTACT

Questions, support and discrepancy reports

General questions and support: support@oddsofblackjack.com. Contact page: oddsofblackjack.com/contact. If a published value does not match your calculation, send a complete state; see the Validation Register. We aim to reply as soon as practical; response times are not guaranteed. Do not send passwords or full card details.

OddsOfBlackjack provides mathematical analysis and decision-support software. It does not operate a casino, accept wagers, or guarantee wins or financial results. Gambling involves risk. Please play responsibly and comply with applicable laws and platform terms.