StatsAI.bet

BETTING STRATEGIES BY THE NUMBERS · 04 / 11

D'ALEMBERT

STRATEGY BY THE NUMBERS

+1 / -1 ONE UNIT UP AFTER A LOSS, ONE DOWN AFTER A WIN

The "safe" progression: the stake changes by just one unit at a time. Built on an 18th-century belief that results balance out. Checked on 10,000 simulated bettors.

35.8%	58.6%	3.8
ENDED IN PROFIT	WENT BUST	LOST PER 100 STAKED

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Adults only (18+). An explanation backed by simulations. Not a promise of winnings and not betting advice.

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BEFORE YOU TRY D'ALEMBERT

RESULTS DO NOT BALANCE OUT. ODDS AND REAL CHANCES DO THE TALKING.

Every strategy in this series stands or falls on two numbers: the real chance and the odds. StatsAI.bet shows both for today's matches. Create an account in one click with Google or Telegram and use every tool free for the first 7 days. After the trial a free basic level remains.

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fair odds and the margin for any match

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the chance of every pick and of the whole slip

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01

HOW THE D'ALEMBERT WORKS

You start at one unit. After a loss you add one unit to the stake, after a win you take one unit away. The stake never goes below one unit.

01	02	03	04
START	**LOSS**	**WIN**	**FLOOR**
stake 1 unit (10)	+1 unit: 20, 30...	−1 unit	never below 10



AT A GLANCE

TYPE
slow negative progression

BUILT FOR
odds around 2.00

GOAL
+1 unit per win in a balanced run

MAIN DANGER
losses outnumber wins

It feels like the sensible middle ground: no doubling, no explosive stakes, just small steps. And it has a neat property: if you finish with as many wins as losses, you are **ahead by one unit for every win**.

That property is the trap. It only holds when wins and losses balance. At odds around 2.00 with a margin, losses are slightly more frequent than wins, so the stake drifts upwards over time.

WHERE THE NAME COMES FROM

The system is named after Jean le Rond d'Alembert, an 18th-century French mathematician. He believed that after a run of one outcome, the other becomes more likely, as if the coin had to balance out. Probability theory later showed that coins, and football matches, have no memory.



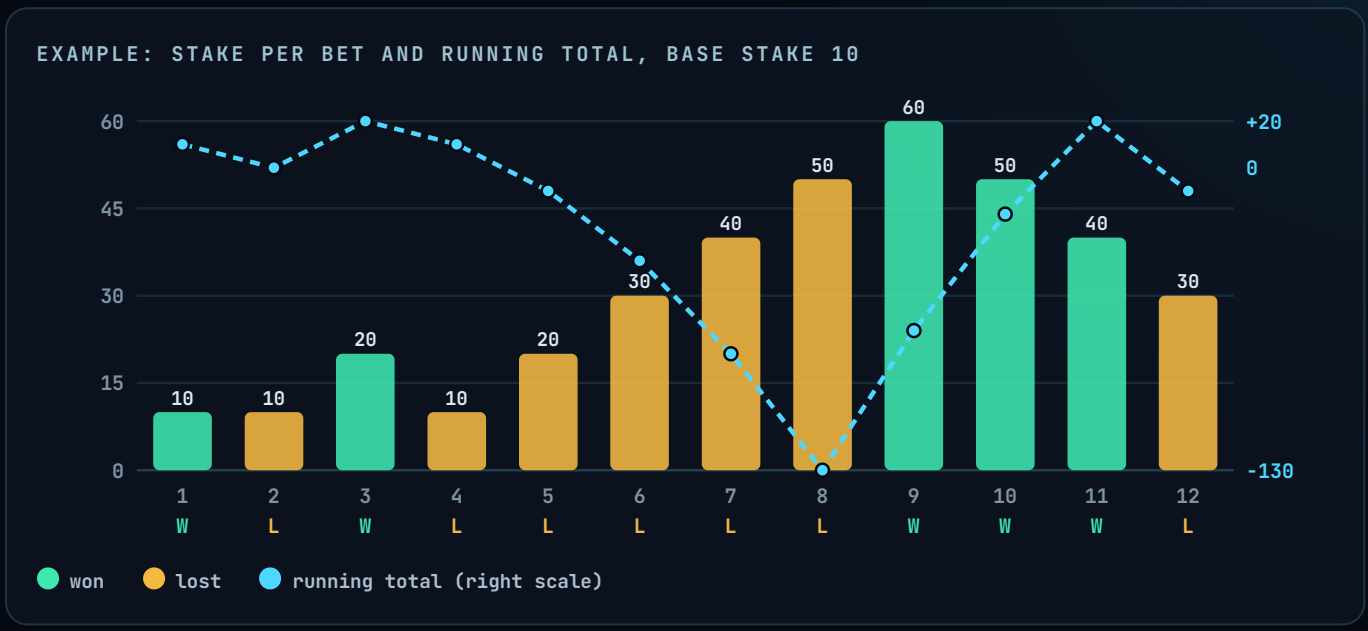
PENGUIN TIP

"A win is due" is the oldest mistake in betting. The next match does not know what happened in the last one.

02

EXAMPLE: TWELVE BETS

The same twelve bets as in the rest of the series: 5 wins and 7 losses at odds 2.00. Flat stakes end at −20. The D'Alembert ends at **−10**.



#	STAKE		±	TOTAL
1	10	W	+10	+10
2	10	L	-10	0
3	20	W	+20	+20
4	10	L	-10	+10
5	20	L	-20	-10
6	30	L	-30	-40

#	STAKE		±	TOTAL
7	40	L	-40	-80
8	50	L	-50	-130
9	60	W	+60	-70
10	50	W	+50	-20
11	40	W	+40	+20
12	30	L	-30	-10

Five losses in a row raised the stake to 60. Three wins brought it back down, but not far enough: the final loss came at a stake of 30.

The stakes never explode here. The damage is slower: every extra loss raises every following stake a little.

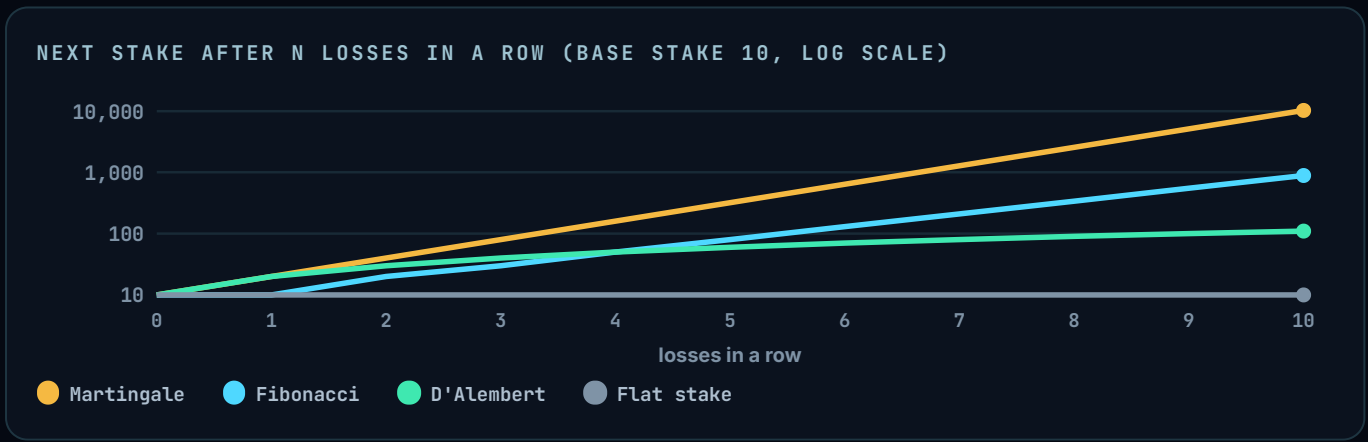
03

THE SQUARE THAT EATS THE PROFIT

The D'Alembert has an exact formula. If you end at a stake of 1 + d units, your result is **(number of wins) − d × (d + 1) ÷ 2** units. The wins add up in a straight line, the imbalance costs you in a square.

HOW MUCH THE IMBALANCE COSTS

FINAL STAKE − 1 (D)	COST IN UNITS	COST AT BASE 10	CHANCE AFTER 200 BETS
2	3	30	94.6%
4	10	100	88.5%
6	21	210	81.8%
8	36	360	74.6%
10	55	550	67.1%
15	120	1,200	48.3%
20	210	2,100	31.8%
25	325	3,250	18.7%



With a 48% chance per bet, the stake level after 200 bets is on average around 15. But the spread is wide, and the cost grows with the square: d = 10 costs 55 units, d = 20 costs 210 units, more than twice the bankroll of 1,000 at a base stake of 10.

That is why the simulation looks so different from the formula's promise: on the way to the end, the level often climbs far enough to empty the bankroll.

THE EXPECTED VALUE DOES NOT CHANGE

Every bet still has an expected value of **−4%**. A stake that slowly drifts upwards during losing periods simply puts more money on the table when things go badly.

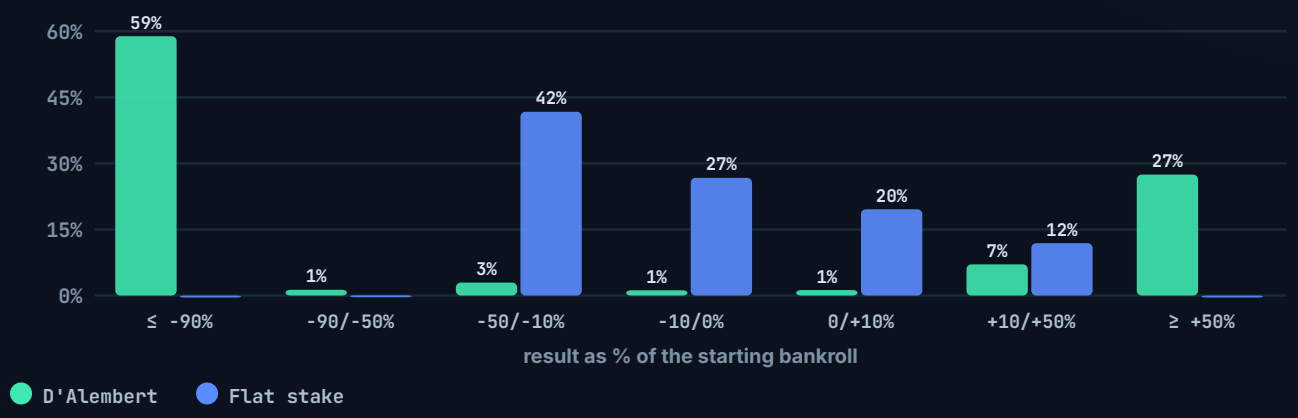
04

10,000 BETTORS, 200 BETS EACH

We simulated **10,000 bettors**. Each starts with 1,000 units and a base stake of 10, then places 200 bets at odds 2.00 where the real chance is 48%. That is about what a 4% margin leaves you. Every bettor got exactly the same results as with a flat stake, so the only difference is the staking. "Bust" means the bankroll fell below one base stake.

35.8%	58.6%	-346	3.8
ENDED IN PROFIT	WENT BUST	AVERAGE RESULT (UNITS)	LOST PER 100 STAKED

WHERE THE BETTORS ENDED AFTER 200 BETS (SHARE OF BETTORS)



	D'ALEMBERT	FLAT STAKE
Ended in profit	35.8%	26.9%
Median result	-1,000	-80
Average result	-346	-79
Went bust	58.6%	0.0%
Largest stake (9 in 10 stayed below)	180	10
Total staked	9,117	2,000
Lost per 100 staked	3.8	4.0

The "gentle" progression turned out to be one of the most dangerous in the series: more bettors went bust than with the Martingale, because the stake climbs during every losing period and stays high.

The D'Alembert also staked the most money of all except Labouchère, and the margin takes its share of every unit.

05
VERDICT

The D'Alembert looks like caution and behaves like slow drift. Its small steps add up exactly when you can least afford it.

WHAT IT DOES WELL

- \+ Simple, small steps, no doubling
- \+ Balanced results give a small profit
- \+ A good demonstration of why "a win is due" is false

WHERE IT BREAKS

- − Losses are more frequent than wins at real odds, so the stake drifts up
- − The cost of an imbalance grows with the square
- − 58.6% of simulated bettors went bust
- − Does not change the −4% expected value per bet

RISK **VERY HIGH**

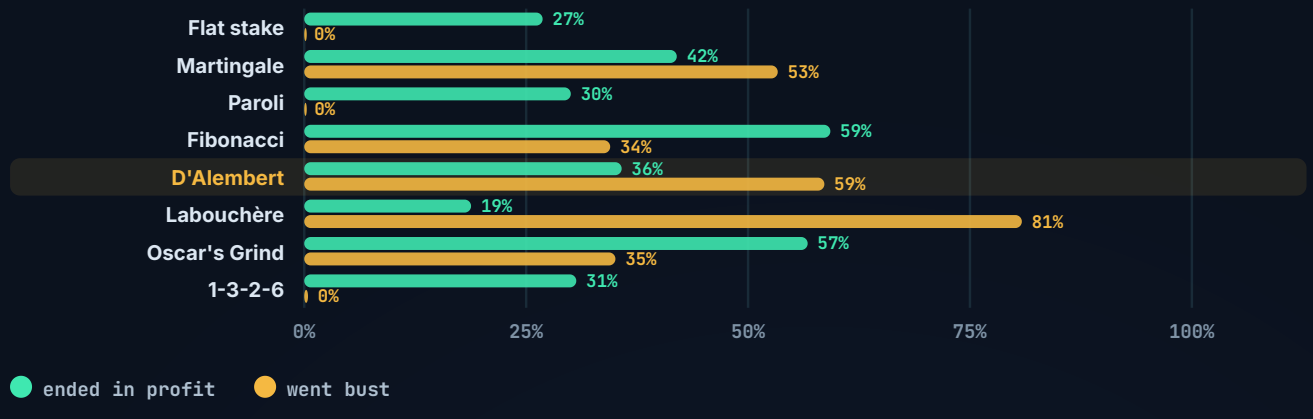
58.6% went bust within 200 bets, more than with the Martingale

IF YOU STILL WANT TO TRY IT

- Set a maximum stake level (for example 5 units) and reset to 1 when you reach it.
- Count the result in units, not the number of wins.
- Remember that the next match has no memory of the last one.
- Check the real chance and the margin before every bet.

Odds calculator → Bet slip checker →

THE WHOLE SERIES COMPARED: 200 BETS AT ODDS 2.00, REAL CHANCE 48%



06

KEEP LEARNING

A staking plan cannot create an edge. What it can do is decide how fast you lose, how big the swings are and how long you stay in the game. Start from the odds and the real chance: those are on StatsAI.bet for every match today.

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02 Paroli: let the wins ride

03 Fibonacci: the sequence system

04 D'Alembert: one up, one down YOU ARE HERE

05 Labouchère: the cancellation line

06 Oscar's Grind: one unit at a time

07 Kelly Criterion: stake by your edge

08 Value Betting: price beats prediction

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10 1-3-2-6: four bets, one cycle

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