StatsAI.bet

BETTING STRATEGIES BY THE NUMBERS · 01 / 11

MARTINGALE

STRATEGY BY THE NUMBERS

×2 DOUBLE THE STAKE AFTER EVERY LOSS

The most famous betting system in the world: one win wins back every loss. Here is what that promise costs, checked on 10,000 simulated bettors.

42.0%	53.3%	3.8
ENDED IN PROFIT	WENT BUST	LOST PER 100 STAKED

OPEN STATSAI.BET →
Free for 7 days · one click with Google or Telegram



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

STATSAI.BET

BEFORE YOU TRY MARTINGALE

ONE WIN COVERS EVERY LOSS. UNTIL THE LOSING RUN IS LONGER THAN YOUR BANKROLL.

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.

OPEN STATSAI.BET

FREE, NO ACCOUNT NEEDED

Odds calculator →
fair odds and the margin for any match

Bet slip checker →
the chance of every pick and of the whole slip

System bet calculator →
every combination and the exact payout

High-probability tips →
picks with an 80%+ chance and how often they won

WANT THE BIGGER PICTURE?

Our free AI guide to football statistics (20 pages) explains odds, margin, fair odds, system bets and how AI reads a match, with publicly measured model results.

Download the full guide free →

FOLLOW US

Telegram channel →
match of the day, number of the day, live signal

X @statsai_bet →
tickets of the day and results

Personal bot →
@tipgenbot reminds you of your matches



StatsAI.bet provides statistical estimates and education, not betting advice. Statistics, not a guarantee. 18+.

01

HOW THE MARTINGALE WORKS

The idea is simple: after every loss you double the stake, after a win you go back to the base stake. Sooner or later a win comes, and it pays back all the losses plus one base stake.

01	02	03	04
START	**LOSS**	**WIN**	**RESET**
base stake, e.g. 10	double: 20, 40, 80...	all losses back + 10	back to the base stake



AT A GLANCE

TYPE
negative progression

BUILT FOR
odds around 2.00

GOAL
+1 base stake per cycle

MAIN DANGER
long losing runs

The system is built for even-money bets: odds around **2.00**. In football that means picks like draw no bet, Asian handicap 0 or a close over/under line. At lower odds one win no longer covers the losses, so the doubling has to be even steeper.

Why does it feel so safe? Because most of the time it works. Short losing runs are common, long ones are rare, and every finished cycle shows the same small profit. The problem is hidden in the word **rare**: rare is not never.

WHERE THE NAME COMES FROM

The doubling system was played in 18th-century France at games like faro and roulette. One popular story links the name to John Henry Martindale, a London casino owner of the time. Whatever its origin, the mathematics of the system has been known for over two hundred years.



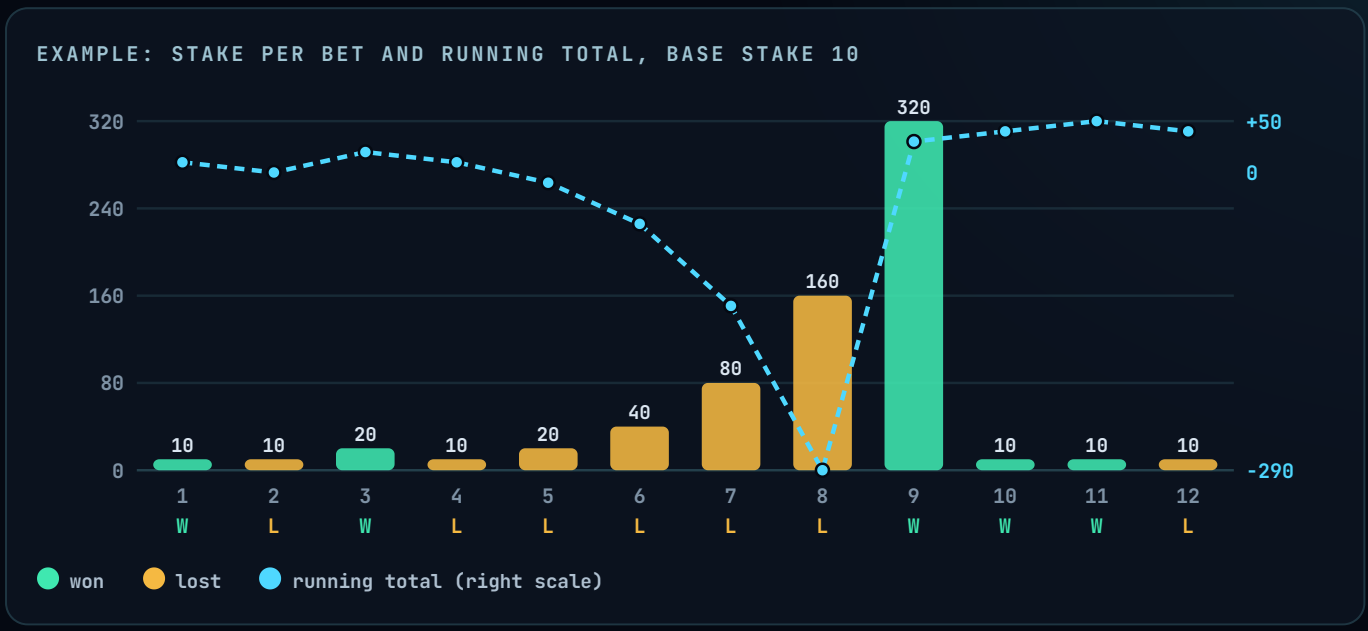
PENGUIN TIP

The Martingale does not change your odds of winning a single bet. It only changes the shape of the results: many small wins, rare huge losses.

02

EXAMPLE: TWELVE BETS

Twelve bets at odds 2.00 with a base stake of 10: 5 wins and 7 losses. With flat stakes of 10 this sequence ends at −20. The Martingale ends at **+40**.



#	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	40	L	-40	-50

#	STAKE		±	TOTAL
7	80	L	-80	-130
8	160	L	-160	-290
9	320	W	+320	+30
10	10	W	+10	+40
11	10	W	+10	+50
12	10	L	-10	+40

Look at bet 9: to win 10 units, you had to stake **320**, after five losses in a row. If that bet had lost too, the next stake would have been 640 and the total loss of the run 630 units.

That is the whole system in one picture: a gentle, rising line of small profits, and a stake that explodes the moment the run of losses gets long.

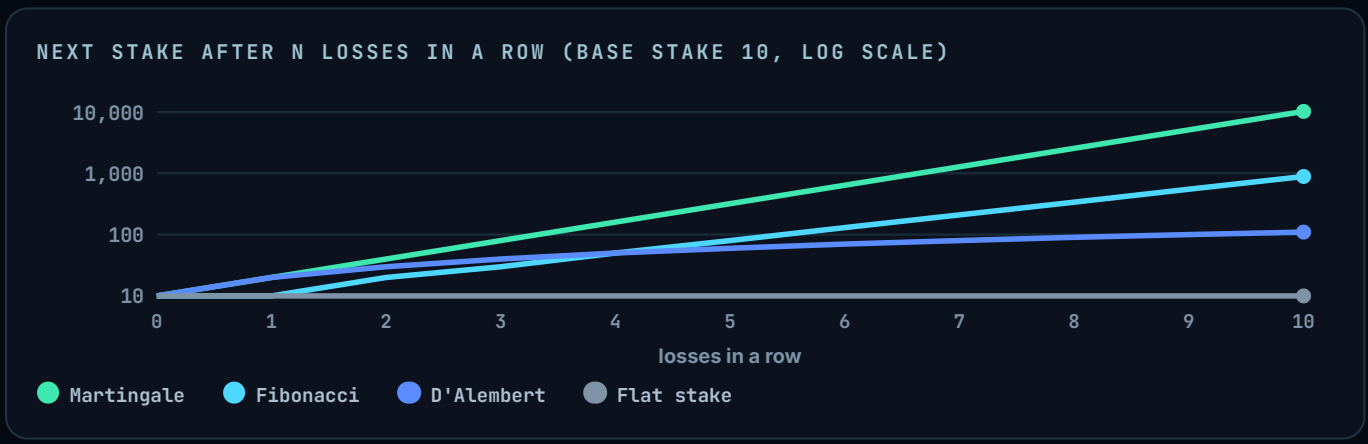
03

THE LOSING RUN THAT ENDS IT

After n losses in a row the next stake is 10×2^n. The stakes grow faster than any bankroll. With 1,000 units, **seven losses in a row** are enough to wipe you out.

LOSING RUNS: STAKE, LOSS AND THE CHANCE THEY HAPPEN

LOSSES IN A ROW	NEXT STAKE	ALREADY LOST	NEEDED TO CONTINUE	CHANCE IN 200 BETS
4	160	150	310	>99%
5	320	310	630	98.2%
6	640	630	1,270	86.3%
7	1,280	1,270	2,550	63.2%
8	2,560	2,550	5,110	39.9%
9	5,120	5,110	10,230	23.0%
10	10,240	10,230	20,470	12.6%
11	20,480	20,470	40,950	6.7%



The last column is the key. At a 52% chance of losing each bet, a run of 7 or more losses somewhere in 200 bets happens with a probability of **63.2%**. A run of 10 or more: 12.6%. These are not rare events over a season. They are expected.

Bookmakers also have maximum stakes. Once the doubled stake hits the limit, the system cannot recover the losses even if you had the money.

THE EXPECTED VALUE DOES NOT CHANGE

Every single bet at odds 2.00 with a 48% chance has an expected value of $0.48 \times 2.00 - 1 =$ **−4%**. A sum of bets with negative expected value is still negative, however you size them. The Martingale only stakes more in total, so it loses more in total.

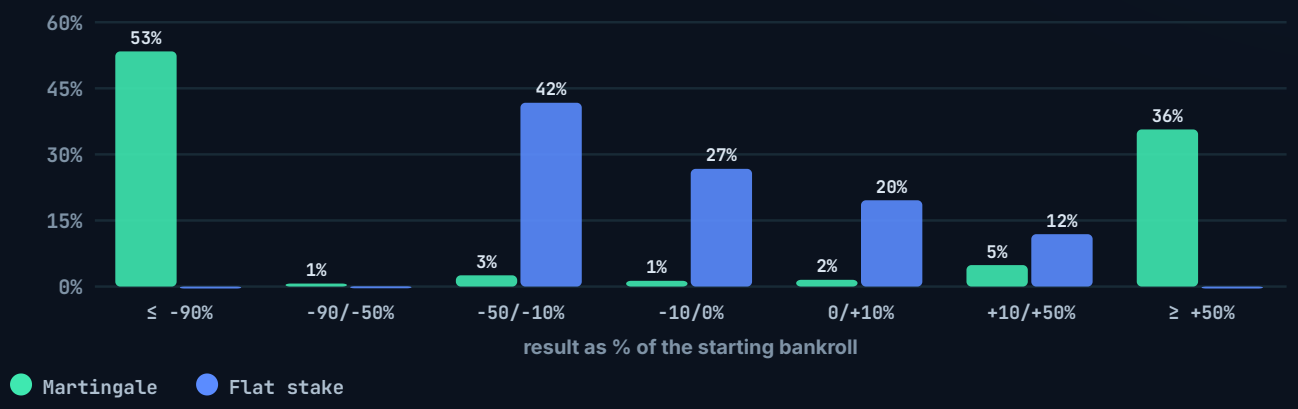
04

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.

42.0%	53.3%	-196	3.8
ENDED IN PROFIT	WENT BUST	AVERAGE RESULT (UNITS)	LOST PER 100 STAKED

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



	MARTINGALE	FLAT STAKE
Ended in profit	42.0%	26.9%
Median result	-1,000	-80
Average result	-196	-79
Went bust	53.3%	0.0%
Largest stake (9 in 10 stayed below)	640	10
Total staked	5,150	2,000
Lost per 100 staked	3.8	4.0

The histogram has two humps and almost nothing in between. About a third of the bettors never met a long losing run and finished 50% or more ahead, because every finished cycle adds 10 units. More than half met one and lost everything. That is exactly the shape the Martingale creates.

The bottom row is the same for every strategy in this series: the margin takes about 4 of every 100 staked. The Martingale stakes 2.6× more than flat staking, so it hands over 2.6× more to the margin.

05
VERDICT

The Martingale is the classic example of a system that feels like a sure thing and behaves like a lottery ticket in reverse: a high chance of a small win, a real chance of losing everything.

WHAT IT DOES WELL

- \+ Very simple rules, easy to follow
- \+ Many short cycles end in a small profit
- \+ A good lesson in how losing runs behave

WHERE IT BREAKS

- – Seven losses in a row (base 1% of the bankroll) end the bankroll
- – The stake grows exponentially: 10, 20, 40... 640
- – Maximum stakes stop the recovery
- – Does not change the −4% expected value per bet

RISK **EXTREME**

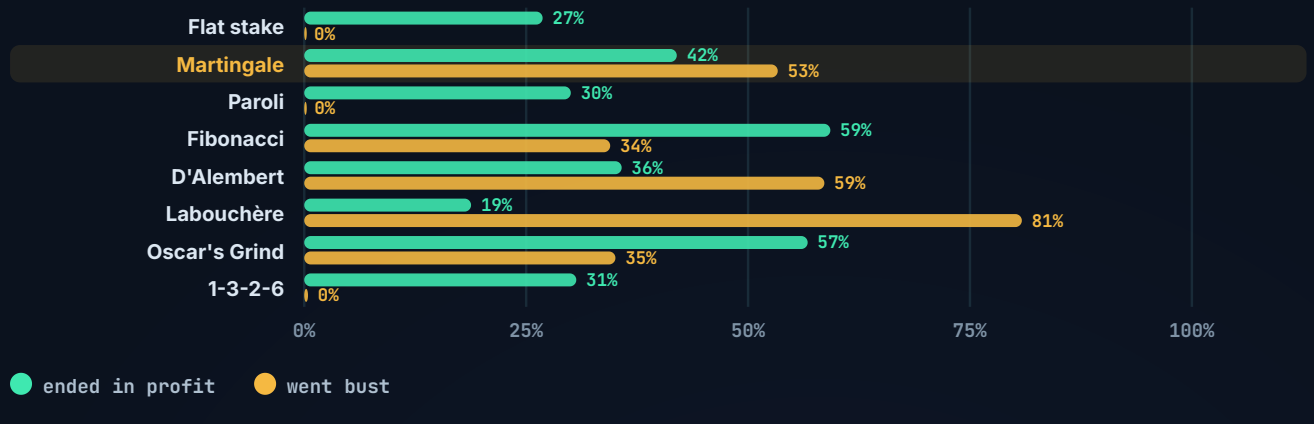
53.3% of simulated bettors went bust within 200 bets

IF YOU STILL WANT TO TRY IT

- Decide the longest run you accept (e.g. 4 doubles) and stop there, without exceptions.
- Use a base stake of a fraction of a percent of the bankroll, not 1%.
- Check the real chance and the margin before every bet: the odds calculator shows both.
- Never raise the base stake to "win it back faster".

Check the margin in any odds → **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.

OPEN STATSAI.BET FREE FOR 7 DAYS

Telegram channel →
Match of the day at 10:00, Number of the day at 16:00, Live signal in the evening (CET)

X @statsai_bet →
tickets of the day and results with an image

Personal bot @tipgenbot →
reminders for your matches and tickets

StatsAI Academy →
free articles on odds, systems and statistics

THE WHOLE SERIES

01 Martingale: double after a loss — YOU ARE HERE
02 Paroli: let the wins ride
03 Fibonacci: the sequence system
04 D'Alembert: one up, one down
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
09 Flat Betting: the same stake every time
10 1-3-2-6: four bets, one cycle
11 Dutching: several picks, one payout

Every title is free to read on Scribd: search for StatsAI.bet.

18+

StatsAI.bet provides statistical estimates and education, not betting advice. The simulations show possible outcomes under the stated assumptions; real results differ. Play only with money you can afford to lose, never chase losses, and if betting stops being fun, take a break and seek help.