CRASH GAME STRATEGY & RISK MATRIX UK

OFFICIAL 2026 REFERENCE

Mathematical Risk of Ruin, Martingale Progression Tables & Bankroll Defense Framework

Launch Crash Calculator →

Consecutive Loss Probability

At 2.00x Target (P = 51.5%)

STREAK LOSS	PROB.	FREQUENCY	RISK LEVEL
1 Loss	51.50%	1 in 1.94 rounds	Standard
2 Losses	26.52%	1 in 3.77 rounds	Frequent
3 Losses	13.66%	1 in 7.32 rounds	Common
4 Losses	7.03%	1 in 14.2 rounds	Moderate
5 Losses	3.62%	1 in 27.6 rounds	Dangerous
6 Losses	1.87%	1 in 53.6 rounds	Critical
7 Losses	0.96%	1 in 104 rounds	High Ruin
8 Losses	0.50%	1 in 202 rounds	Extreme
9 Losses	0.26%	1 in 392 rounds	Inevitable
10 Losses	0.13%	1 in 761 rounds	Liquidation

Martingale Doubling Progression

£1 Base Stake Model

STEP	NEXT BET	TOTAL LOST	REQUIRED CAPITAL
Step 1	£1.00	£0.00	£1.00
Step 2	£2.00	£1.00	£3.00
Step 3	£4.00	£3.00	£7.00
Step 4	£8.00	£7.00	£15.00
Step 5	£16.00	£15.00	£31.00
Step 6	£32.00	£31.00	£63.00
Step 7	£64.00	£63.00	£127.00
Step 8	£128.00	£127.00	£255.00
Step 9	£256.00	£255.00	£511.00
Step 10	£512.00	£511.00	£1,023.00

Top 4 Staking Systems & Bankroll Defense

Mathematical Reality

A. Flat Stake @ 1.50x Auto-Cashout — Recommended

Flat 1% bankroll stake per round. 64.67% win probability. Zero exponential escalation. Preserves capital across thousands of rounds.

B. D'Alembert Linear Progression — Low Volatility

Add +1 unit on loss, subtract -1 unit on win. Smooths out variance without the catastrophic liquidation risk of Martingale doubling.

C. Classical Martingale (2.00x) — High Ruin Risk

Doubles bet upon every loss. While short-term wins are frequent, a 7-step loss streak occurs roughly every 104 cycles, wiping out bankroll.

D. Paroli Positive Staking — Streak Defense

Double bet only on wins up to 3 consecutive hits. Reset to base stake on loss. Never risks more than 1 initial base unit from bankroll.

The Golden Bankroll Law: Never stake more than 2% of total capital on a single round. Table bet limits prevent infinite Martingale recovery.

FREE CRASH GAME STRATEGY CALCULATOR: Stress-test Martingale & custom cashout targets → crash-game-strategy.pages.dev/#tool-engine

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Anchor Reference: Crash Game Strategy Engine UK