

TABLE 1
The final three in the 2019 World Series of Poker Main Event

Player	Chip count	Big blinds	Actual payoff
Dario Sammartino	67,600,000	33.8	\$6,000,000
Alex Livingston	120,400,000	60.2	\$4,000,000
Hossein Ensan	326,800,000	163.4	\$10,000,000
Total	514,800,000	257.4	

TABLE 2
The approximate probabilities of the six possible elimination orders in the scenario of Table 1, assuming chip counts (in units of 400,000 chips, or 1/5 of the big blind) equal to $A = 169$, $B = 301$, and $C = 817$

σ	123	132	213	231	312	321
$P_{A,B,C}(\sigma)$	0.4196	0.2079	0.2152	0.1062	0.0260	0.0251

REFERENCES

1. DIACONIS, P. AND ETHIER, S. (2022) GAMBLER'S RUIN AND THE ICM. STAT SCI
2. DIACONIS, P., HOUSTEN-EDWARDS, K. AND SALOFF-COSTE, L. (2021) GAMBLER'S RUIN ESTIMATES ON FINITE INVERT UNIFORM DOMAINS. ANN APPL. PROB
3. DENISOV, D. AND WACHTEL, V. (2022) HARMONIC MEASURE IN A MULTI-DIMENSIONAL GAMBLER'S PROBLEM. ARXIV 2212.11526
4. O'CONNELL, K. AND SALOFF-COSTE, L. (2023) THE FOUR DIMENSIONAL GAMBLER'S RUIN PROBLEM. ARXIV 2209.05264

TABLE 4
The exact values of $P_{1,1,N-2}(321)$, rounded to 15 significant digits, suggesting that this quantity is asymptotic to c/N^3 for $c \doteq 4.5597945$

N	$P_{1,1,N-2}(321)$	$N^3 P_{1,1,N-2}(321)$
50	0.0000364783779008280	4.55979723760
100	0.00000455979467170448	4.55979467170
150	0.00000135105023226911	4.55979453391
200	0.000000569974313837992	4.55979451070
250	0.000000291826848279112	4.55979450436
300	0.000000168881277854908	4.55979450208