



FLAWLESS POKER GUIDE SERIES

8-Handed SNG Late Stage & Final Table Guide

3 left in the money (50/30/20), then heads-up · 20bb down to 1bb · \$3.50-\$5 SNGs · all
169 hands with push/call by seat and ICM call/fold by stack role, with the numbers
computed

EDITION · OCTOBER 2026 ·

A BRIGHTER GAME AHEAD · PLAY · TRACK · IMPROVE · WIN



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Flawless Poker · 8-Handed SNG Late Stage & Final Table Guide · October 2026 edition. Study material for use away from the table; charts and ranges are approximate guidelines, not solver output.



Study material, not a live aid. This guide is for study **away from the table**. It is not meant for real-time use while you play, and most sites restrict outside help during hands.

Tags. [Computed] = calculated by our Python scripts (169×169 equity matrix, fictitious-play push/fold models, ICM via Malmuth-Harville, gambler's-ruin model). **[Approx.]** = simplified guideline. **[Consensus]** = community estimates. **Push/call ranges are chip-EV approximations** (equal stacks, no antes, no card removal; 3-handed three-way all-ins ignored), not solver output. Only play with money you can afford to lose.

How to read the hand tables

- **vs rnd** = equity vs 1 random hand; **vs shove** = vs a 3-handed BTN 10bb shove range (~32%); **vs call** = vs the BB's call range against it (~23%) [Computed].
- **BTN 3h shove** = shove from the BTN 3-handed at 15/10/7/5/3bb (Y = shove, · = fold). **SB shove** = SB shoves vs BB when folded to (same model 3-handed and heads-up). **HU BB call** = heads-up BB calls an SB shove.
- **Leader / Medium / Short** = ICM **call (C)** or **fold (—)** with stacks **6,500 / 3,500 / 2,000** (50/30/20, 3 left): Leader calls the short's 5bb shove (needs **51.5%**); Medium calls the leader's 10bb-range shove (needs **62.0%**); Short calls the leader's shove (needs **57.3%**).

I. All 169 hands [Computed]

Pocket pairs

Hand	C	vs rnd	vs shove	vs call	BTN 3h shove 15·10·7·5·3	SB shove (3h & HU) 15·10·7·5·3	HU BB call 15·10·7·5·3	Leader	Medium	Short
AA	6	86	86	87	YYYYY	YYYYY	YYYYY	C	C	C
KK	6	83	76	75	YYYYY	YYYYY	YYYYY	C	C	C
QQ	6	80	72	70	YYYYY	YYYYY	YYYYY	C	C	C
JJ	6	78	69	66	YYYYY	YYYYY	YYYYY	C	C	C
TT	6	75	65	63	YYYYY	YYYYY	YYYYY	C	C	C
99	6	73	61	59	YYYYY	YYYYY	YYYYY	C	—	C
88	6	70	59	57	YYYYY	YYYYY	YYYYY	C	—	C
77	6	67	56	54	YYYYY	YYYYY	YYYYY	C	—	—
66	6	64	54	52	YYYYY	YYYYY	YYYYY	C	—	—
55	6	61	51	50	YYYYY	YYYYY	YYYYY	C	—	—
44	6	58	49	48	YYYYY	YYYYY	YYYYY	—	—	—
33	6	55	47	46	YYYYY	YYYYY	YYYYY	—	—	—
22	6	51	45	44	YYYYY	YYYYY	YYYYY	—	—	—

Ace suited

Hand	C	vs rnd	vs shove	vs call	BTN 3h shove 15·10·7·5·3	SB shove (3h & HU) 15·10·7·5·3	HU BB call 15·10·7·5·3	Leader	Medium	Short
AKs	4	67	65	64	YYYYY	YYYYY	YYYYY	C	C	C
AQs	4	66	63	61	YYYYY	YYYYY	YYYYY	C	C	C
AJs	4	65	60	58	YYYYY	YYYYY	YYYYY	C	—	C
ATs	4	64	58	54	YYYYY	YYYYY	YYYYY	C	—	C



Hand	C	vs rnd	vs shove	vs call	BTN 3h shove 15·10·7·5·3	SB shove (3h & HU) 15·10·7·5·3	HU BB call 15·10·7·5·3	Leader	Medium	Short
A9s	4	63	54	50	YYYYY	YYYYY	YYYYY	C	—	—
A8s	4	62	52	47	YYYYY	YYYYY	YYYYY	C	—	—
A7s	4	61	50	45	YYYYY	YYYYY	YYYYY	C	—	—
A6s	4	60	48	43	YYYYY	YYYYY	YYYYY	—	—	—
A5s	4	60	47	43	YYYYY	YYYYY	YYYYY	—	—	—
A4s	4	59	46	42	YYYYY	YYYYY	YYYYY	—	—	—
A3s	4	58	45	42	YYYYY	YYYYY	YYYYY	—	—	—
A2s	4	57	45	41	YYYYY	YYYYY	YYYYY	—	—	—

Ace offsuit

Hand	C	vs rnd	vs shove	vs call	BTN 3h shove 15·10·7·5·3	SB shove (3h & HU) 15·10·7·5·3	HU BB call 15·10·7·5·3	Leader	Medium	Short
AKo	12	66	63	63	YYYYY	YYYYY	YYYYY	C	C	C
AQo	12	65	61	59	YYYYY	YYYYY	YYYYY	C	—	C
AJo	12	64	58	56	YYYYY	YYYYY	YYYYY	C	—	C
ATo	12	63	56	52	YYYYY	YYYYY	YYYYY	C	—	—
A9o	12	61	51	47	YYYYY	YYYYY	YYYYY	C	—	—
A8o	12	60	49	44	YYYYY	YYYYY	YYYYY	C	—	—
A7o	12	58	47	42	·YYYY	YYYYY	YYYYY	—	—	—
A6o	12	57	45	40	·YYYY	YYYYY	YYYYY	—	—	—
A5o	12	57	44	40	·YYYY	YYYYY	YYYYY	—	—	—
A4o	12	56	43	39	·YYYY	YYYYY	YYYYY	—	—	—
A3o	12	56	42	38	·YYYY	YYYYY	·YYYY	—	—	—
A2o	12	55	42	38	··YYY	YYYYY	·YYYY	—	—	—

King suited

Hand	C	vs rnd	vs shove	vs call	BTN 3h shove 15·10·7·5·3	SB shove (3h & HU) 15·10·7·5·3	HU BB call 15·10·7·5·3	Leader	Medium	Short
KQs	4	64	52	48	YYYYY	YYYYY	YYYYY	C	—	—
KJs	4	63	50	45	YYYYY	YYYYY	YYYYY	C	—	—
KTs	4	62	48	42	YYYYY	YYYYY	YYYYY	C	—	—
K9s	4	60	45	39	YYYYY	YYYYY	YYYYY	—	—	—
K8s	4	58	43	38	YYYYY	YYYYY	YYYYY	—	—	—
K7s	4	57	42	37	YYYYY	YYYYY	YYYYY	—	—	—
K6s	4	56	42	37	·YYYY	YYYYY	·YYYY	—	—	—
K5s	4	56	41	36	··YYY	YYYYY	·YYYY	—	—	—
K4s	4	55	40	36	··YYY	YYYYY	·YYYY	—	—	—
K3s	4	54	39	36	··YYY	YYYYY	·YYYY	—	—	—
K2s	4	53	39	35	···YY	YYYYY	·YYYY	—	—	—



King offsuit

Hand	C	vs rnd	vs shove	vs call	BTN 3h shove 15·10·7·5·3	SB shove (3h & HU) 15·10·7·5·3	HU BB call 15·10·7·5·3	Leader	Medium	Short
KQo	12	62	49	45	YYYYY	YYYYY	YYYYY	C	—	—
KJo	12	61	47	42	YYYYY	YYYYY	YYYYY	—	—	—
KTo	12	60	45	39	·YYYY	YYYYY	YYYYY	—	—	—
K9o	12	58	41	36	··YYY	YYYYY	YYYYY	—	—	—
K8o	12	56	40	34	···YY	YYYYY	·YYYY	—	—	—
K7o	12	55	39	34	···YY	YYYYY	·YYYY	—	—	—
K6o	12	54	38	33	···YY	·YYYY	·YYYY	—	—	—
K5o	12	53	37	33	····Y	·YYYY	··YYY	—	—	—
K4o	12	52	36	33	····Y	·YYYY	··YYY	—	—	—
K3o	12	51	36	32	····Y	·YYYY	··YYY	—	—	—
K2o	12	50	36	31	····Y	·YYYY	··YYY	—	—	—

Queen suited

Hand	C	vs rnd	vs shove	vs call	BTN 3h shove 15·10·7·5·3	SB shove (3h & HU) 15·10·7·5·3	HU BB call 15·10·7·5·3	Leader	Medium	Short
QJs	4	60	47	42	YYYYY	YYYYY	YYYYY	—	—	—
QTs	4	60	45	40	YYYYY	YYYYY	YYYYY	—	—	—
Q9s	4	58	42	38	YYYYY	YYYYY	YYYYY	—	—	—
Q8s	4	56	41	37	YYYYY	YYYYY	·YYYY	—	—	—
Q7s	4	54	39	36	·YYY	YYYYY	·YYYY	—	—	—
Q6s	4	54	39	36	···YY	YYYYY	·YYYY	—	—	—
Q5s	4	53	38	35	···YY	YYYYY	··YYY	—	—	—
Q4s	4	52	38	35	····Y	·YYYY	··YYY	—	—	—
Q3s	4	51	37	34	····Y	·YYYY	··YYY	—	—	—
Q2s	4	50	37	34	····Y	·YYYY	··YYY	—	—	—

Queen offsuit

Hand	C	vs rnd	vs shove	vs call	BTN 3h shove 15·10·7·5·3	SB shove (3h & HU) 15·10·7·5·3	HU BB call 15·10·7·5·3	Leader	Medium	Short
QJo	12	58	44	38	YYYYY	YYYYY	YYYYY	—	—	—
QTo	12	57	42	36	·YYYY	YYYYY	YYYYY	—	—	—
Q9o	12	55	39	35	···YY	·YYYY	·YYYY	—	—	—
Q8o	12	54	38	33	····Y	·YYYY	··YYY	—	—	—
Q7o	12	52	36	32	····Y	··YYY	··YYY	—	—	—
Q6o	12	51	36	32	····Y	··YYY	··YYY	—	—	—
Q5o	12	50	35	31	····Y	··YYY	···YY	—	—	—
Q4o	12	49	34	31	····Y	··YYY	···YY	—	—	—
Q3o	12	48	34	30	····	··YYY	···YY	—	—	—
Q2o	12	47	33	30	····	···YY	···YY	—	—	—



Jack suited

Hand	C	vs rnd	vs shove	vs call	BTN 3h shove 15·10·7·5·3	SB shove (3h & HU) 15·10·7·5·3	HU BB call 15·10·7·5·3	Leader	Medium	Short
JTs	4	58	44	40	YYYYY	YYYYY	YYYYY	—	—	—
J9s	4	56	42	39	YYYYY	YYYYY	·YYYY	—	—	—
J8s	4	54	40	38	YYYYY	YYYYY	·YYYY	—	—	—
J7s	4	52	39	36	·YYY	YYYYY	·YYY	—	—	—
J6s	4	50	37	35	··Y	YYYYY	·YYY	—	—	—
J5s	4	50	37	34	··Y	YYYYY	··YY	—	—	—
J4s	4	49	36	34	··Y	·YYYY	··YY	—	—	—
J3s	4	48	36	34	···	·YYYY	··YY	—	—	—
J2s	4	47	35	33	···	·YYY	··YY	—	—	—

Jack offsuit

Hand	C	vs rnd	vs shove	vs call	BTN 3h shove 15·10·7·5·3	SB shove (3h & HU) 15·10·7·5·3	HU BB call 15·10·7·5·3	Leader	Medium	Short
JTo	12	55	41	37	YYYYY	YYYYY	·YYYY	—	—	—
J9o	12	53	38	35	··Y	YYYYY	·YYYY	—	—	—
J8o	12	52	37	34	··Y	·YYYY	·YYY	—	—	—
J7o	12	50	35	32	··Y	·YYY	··YY	—	—	—
J6o	12	48	34	31	···	··YY	··YY	—	—	—
J5o	12	47	33	31	···	··YY	··YY	—	—	—
J4o	12	46	33	30	···	··YY	··Y	—	—	—
J3o	12	45	32	30	···	··Y	··Y	—	—	—
J2o	12	44	32	29	···	··Y	··Y	—	—	—

Ten suited

Hand	C	vs rnd	vs shove	vs call	BTN 3h shove 15·10·7·5·3	SB shove (3h & HU) 15·10·7·5·3	HU BB call 15·10·7·5·3	Leader	Medium	Short
T9s	4	54	42	40	YYYYY	YYYYY	·YYYY	—	—	—
T8s	4	52	40	38	YYYYY	YYYYY	·YYY	—	—	—
T7s	4	51	39	37	YYYYY	YYYYY	·YYY	—	—	—
T6s	4	49	37	36	··Y	YYYYY	··YY	—	—	—
T5s	4	47	36	34	···	·YYYY	··YY	—	—	—
T4s	4	46	35	34	···	·YYYY	··YY	—	—	—
T3s	4	46	35	33	···	·YYY	··Y	—	—	—
T2s	4	45	34	33	···	··YY	··Y	—	—	—

Ten offsuit

Hand	C	vs rnd	vs shove	vs call	BTN 3h shove 15·10·7·5·3	SB shove (3h & HU) 15·10·7·5·3	HU BB call 15·10·7·5·3	Leader	Medium	Short
T9o	12	52	38	36	··Y	YYYYY	·YYY	—	—	—
T8o	12	50	37	35	··Y	YYYYY	··YY	—	—	—
T7o	12	48	35	34	···	·YYY	··YY	—	—	—



Hand	C	vs rnd	vs shove	vs call	BTN 3h shove 15·10·7·5·3	SB shove (3h & HU) 15·10·7·5·3	HU BB call 15·10·7·5·3	Leader	Medium	Short
T6o	12	46	34	32	.....	...YY	Y	—	—	—
T5o	12	44	32	30	.....	....Y	Y	—	—	—
T4o	12	44	32	30	.....	....Y	Y	—	—	—
T3o	12	43	31	30	.....	....Y	Y	—	—	—
T2o	12	42	31	29	.....	....Y	Y	—	—	—

Nine suited

Hand	C	vs rnd	vs shove	vs call	BTN 3h shove 15·10·7·5·3	SB shove (3h & HU) 15·10·7·5·3	HU BB call 15·10·7·5·3	Leader	Medium	Short
98s	4	51	40	39	YYYYY	YYYYY	..YYY	—	—	—
97s	4	49	39	38	YYYYY	YYYYY	..YYY	—	—	—
96s	4	47	38	36	..Y..	YYYYY	..YY	—	—	—
95s	4	46	36	35	.....	YYYYY	Y	—	—	—
94s	4	44	35	34	.....	...YY	Y	—	—	—
93s	4	43	34	33	.....	...YY	Y	—	—	—
92s	4	42	34	33	.....	....Y	Y	—	—	—

Nine offsuit

Hand	C	vs rnd	vs shove	vs call	BTN 3h shove 15·10·7·5·3	SB shove (3h & HU) 15·10·7·5·3	HU BB call 15·10·7·5·3	Leader	Medium	Short
98o	12	48	37	36	.....	YYYYY	...YY	—	—	—
97o	12	46	36	34	.....	..YYYY	...YY	—	—	—
96o	12	44	34	33	.....	....Y	Y	—	—	—
95o	12	43	33	31	.....	....Y	Y	—	—	—
94o	12	41	31	30	.....	.....	....Y	—	—	—
93o	12	40	31	30	.....	.....	....Y	—	—	—
92o	12	39	30	29	.....	.....	....Y	—	—	—

Eight suited

Hand	C	vs rnd	vs shove	vs call	BTN 3h shove 15·10·7·5·3	SB shove (3h & HU) 15·10·7·5·3	HU BB call 15·10·7·5·3	Leader	Medium	Short
87s	4	48	39	38	YYYYY	YYYYY	...YY	—	—	—
86s	4	46	38	37	YYYYY	YYYYY	...YY	—	—	—
85s	4	44	37	36	.....	YYYYY	Y	—	—	—
84s	4	43	35	34	.....	..YYYY	Y	—	—	—
83s	4	41	33	33	.....	.....	....Y	—	—	—
82s	4	40	33	32	.....	.....	....Y	—	—	—

**Eight offsuit**

Hand	C	vs rnd	vs shove	vs call	BTN 3h shove 15·10·7·5·3	SB shove (3h & HU) 15·10·7·5·3	HU BB call 15·10·7·5·3	Leader	Medium	Short
87o	12	45	36	35	.....	YYYYY	...Y	—	—	—
86o	12	43	35	34	.....	...YY	...Y	—	—	—
85o	12	41	33	32	.....	...Y	...Y	—	—	—
84o	12	39	31	31	.....	.....	...Y	—	—	—
83o	12	38	30	29	.....	.....	.....	—	—	—
82o	12	37	30	29	.....	.....	.....	—	—	—

Seven suited

Hand	C	vs rnd	vs shove	vs call	BTN 3h shove 15·10·7·5·3	SB shove (3h & HU) 15·10·7·5·3	HU BB call 15·10·7·5·3	Leader	Medium	Short
76s	4	45	38	38	YYYY·	YYYYY	...YY	—	—	—
75s	4	44	37	36	·Y·	YYYYY	...Y	—	—	—
74s	4	42	36	35	.....	YYYYY	...Y	—	—	—
73s	4	40	34	33	.....	.....	...Y	—	—	—
72s	4	38	33	32	.....	.....	...Y	—	—	—

Seven offsuit

Hand	C	vs rnd	vs shove	vs call	BTN 3h shove 15·10·7·5·3	SB shove (3h & HU) 15·10·7·5·3	HU BB call 15·10·7·5·3	Leader	Medium	Short
76o	12	42	35	34	.....	·YYYY	...Y	—	—	—
75o	12	40	34	33	.....	.....	...Y	—	—	—
74o	12	38	32	31	.....	.....	...Y	—	—	—
73o	12	37	30	30	.....	.....	.....	—	—	—
72o	12	35	29	28	.....	.....	.....	—	—	—

Six suited

Hand	C	vs rnd	vs shove	vs call	BTN 3h shove 15·10·7·5·3	SB shove (3h & HU) 15·10·7·5·3	HU BB call 15·10·7·5·3	Leader	Medium	Short
65s	4	43	38	37	YYYY·	YYYYY	...Y	—	—	—
64s	4	41	36	36	.....	YYYYY	...Y	—	—	—
63s	4	40	34	34	.....	·YYY·	...Y	—	—	—
62s	4	38	33	32	.....	.....	...Y	—	—	—

Six offsuit

Hand	C	vs rnd	vs shove	vs call	BTN 3h shove 15·10·7·5·3	SB shove (3h & HU) 15·10·7·5·3	HU BB call 15·10·7·5·3	Leader	Medium	Short
65o	12	40	34	34	.....	·YY·	...Y	—	—	—
64o	12	38	33	32	.....	.....	...Y	—	—	—
63o	12	36	31	30	.....	.....	.....	—	—	—
62o	12	34	30	28	.....	.....	.....	—	—	—

**Five suited**

Hand	C	vs rnd	vs shove	vs call	BTN 3h shove 15·10·7·5·3	SB shove (3h & HU) 15·10·7·5·3	HU BB call 15·10·7·5·3	Leader	Medium	Short
54s	4	41	37	36	·Y·	YYYYY	··Y	—	—	—
53s	4	40	35	35	····	YYYY·	···Y	—	—	—
52s	4	38	34	33	····	·Y·	···Y	—	—	—

Five offsuit

Hand	C	vs rnd	vs shove	vs call	BTN 3h shove 15·10·7·5·3	SB shove (3h & HU) 15·10·7·5·3	HU BB call 15·10·7·5·3	Leader	Medium	Short
54o	12	38	34	33	····	····	···Y	—	—	—
53o	12	36	32	31	····	····	···Y	—	—	—
52o	12	34	31	29	····	····	····	—	—	—

Four suited

Hand	C	vs rnd	vs shove	vs call	BTN 3h shove 15·10·7·5·3	SB shove (3h & HU) 15·10·7·5·3	HU BB call 15·10·7·5·3	Leader	Medium	Short
43s	4	39	35	34	····	·YYY·	···Y	—	—	—
42s	4	37	34	33	····	····	···Y	—	—	—

Four offsuit

Hand	C	vs rnd	vs shove	vs call	BTN 3h shove 15·10·7·5·3	SB shove (3h & HU) 15·10·7·5·3	HU BB call 15·10·7·5·3	Leader	Medium	Short
43o	12	35	31	31	····	····	···Y	—	—	—
42o	12	33	30	29	····	····	····	—	—	—

Three suited

Hand	C	vs rnd	vs shove	vs call	BTN 3h shove 15·10·7·5·3	SB shove (3h & HU) 15·10·7·5·3	HU BB call 15·10·7·5·3	Leader	Medium	Short
32s	4	36	33	32	····	····	···Y	—	—	—

Three offsuit

Hand	C	vs rnd	vs shove	vs call	BTN 3h shove 15·10·7·5·3	SB shove (3h & HU) 15·10·7·5·3	HU BB call 15·10·7·5·3	Leader	Medium	Short
32o	12	32	29	28	····	····	····	—	—	—

ICM calling range sizes [Computed]: Leader 13.9%, Medium 3.8%, Short 7.1% of hands. Chip-EV BB call vs a BTN 10bb shove: 23.1%.

2. Push/call percentages by depth [Computed, chip EV]

Stack	BTN 3h shove	SB call vs BTN	BB call vs BTN	SB shove (3h/HU)	BB call vs SB (3h/HU)
1bb	98.2%	100.0%	100.0%	100.0%	100.0%
2bb	82.2%	100.0%	100.0%	90.3%	100.0%
3bb	53.5%	65.6%	95.5%	78.6%	91.9%
4bb	43.0%	41.2%	61.4%	74.7%	73.2%



Stack	BTN 3h shove	SB call vs BTN	BB call vs BTN	SB shove (3h/HU)	BB call vs SB (3h/HU)
5bb	39.7%	33.6%	43.6%	71.0%	62.0%
6bb	38.2%	29.7%	35.7%	68.3%	54.4%
7bb	36.0%	26.1%	31.2%	65.9%	48.7%
8bb	34.8%	23.4%	27.9%	61.7%	44.2%
9bb	33.6%	21.3%	24.6%	60.8%	40.6%
10bb	31.8%	18.9%	23.1%	58.7%	37.6%
11bb	30.6%	17.8%	20.4%	55.4%	35.1%
12bb	29.4%	16.6%	18.1%	51.7%	32.7%
13bb	26.7%	14.6%	16.6%	49.0%	30.6%
14bb	25.5%	13.4%	15.5%	48.7%	29.1%
15bb	25.2%	12.8%	14.6%	45.7%	27.0%

At 1-3bb the model is noisy; in practice shove almost any two and call almost any two.

BTN 3-handed shove 7bb (36.0%)

	A	K	Q	J	T	9	8	7	6	5	4	3	2
A	X	X	X	X	X	X	X	X	X	X	X	X	X
K	X	X	X	X	X	X	X	X	X	X	X	X	.
Q	X	X	X	X	X	X	X	X	.	.	.	.	.
J	X	X	X	X	X	X	X	X	.	.	.	.	.
T	X	X	X	X	X	X	X	X	.	.	.	.	.
9	X	X	.	.	.	X	X	X	.	.	.	.	.
8	X	.	.	.	.	.	X	X	X	.	.	.	.
7	X	.	.	.	.	.	.	X	X	X	.	.	.
6	X	.	.	.	.	.	.	.	X	X	.	.	.
5	X	.	.	.	.	.	.	.	.	X	X	.	.
4	X	.	.	.	.	.	.	.	.	.	X	.	.
3	X	.	.	.	.	.	.	.	.	.	.	X	.
2	X	.	.	.	.	.	.	.	.	.	.	.	X

HU SB shove 7bb (65.9%)

	A	K	Q	J	T	9	8	7	6	5	4	3	2
A	X	X	X	X	X	X	X	X	X	X	X	X	X
K	X	X	X	X	X	X	X	X	X	X	X	X	X
Q	X	X	X	X	X	X	X	X	X	X	X	X	X
J	X	X	X	X	X	X	X	X	X	X	X	X	X
T	X	X	X	X	X	X	X	X	X	X	X	X	.
9	X	X	X	X	X	X	X	X	X	X	.	.	.
8	X	X	X	X	X	X	X	X	X	X	X	.	.
7	X	X	X	X	X	X	X	X	X	X	X	.	.
6	X	X	X	.	.	.	.	X	X	X	X	X	.
5	X	X	X	.	.	.	.	.	X	X	X	X	X
4	X	X	X	.	.	.	.	.	.	X	X	.	.
3	X	X	X	.	.	.	.	.	.	.	X	.	.
2	X	X	.	.	.	.	.	.	.	.	.	X	.

3. ICM tables for 3-left setups [Computed, 50/30/20]

The pay jump from 3rd (20%) to 2nd (30%) is **10% of the prize pool**; 2nd to 1st is **20%**. Risk premium = equity needed – 50%.

Equal 4000 each · prize equity: P1 33.3% / P2 33.3% / P3 33.3%

Caller \ Shover	P1 (4000)	P2 (4000)	P3 (4000)
P1 (4000)	—	57.1% (+7.1)	57.1% (+7.1)
P2 (4000)	57.1% (+7.1)	—	57.1% (+7.1)
P3 (4000)	57.1% (+7.1)	57.1% (+7.1)	—

Leader 6500 / 3500 / 2000 · prize equity: P1 39.6% / P2 32.8% / P3 27.7%

Caller \ Shover	P1 (6500)	P2 (3500)	P3 (2000)
P1 (6500)	—	53.2% (+3.2)	51.5% (+1.5)
P2 (3500)	62.0% (+12.0)	—	52.0% (+2.0)
P3 (2000)	57.3% (+7.3)	53.1% (+3.1)	—

Leader 8000 / 2500 / 1500 · prize equity: P1 42.7% / P2 30.7% / P3 26.6%



Caller \ Shover	P1 (8000)	P2 (2500)	P3 (1500)
P1 (8000)	—	51.2% (+1.2)	50.8% (+0.8)
P2 (2500)	64.5% (+14.5)	—	51.3% (+1.3)
P3 (1500)	59.2% (+9.2)	51.7% (+1.7)	—

Two big 5500 / 5500 / 1000 · prize equity: P1 38.0% / P2 38.0% / P3 23.9%

Caller \ Shover	P1 (5500)	P2 (5500)	P3 (1000)
P1 (5500)	—	63.7% (+13.7)	50.7% (+0.7)
P2 (5500)	63.7% (+13.7)	—	50.7% (+0.7)
P3 (1000)	52.8% (+2.8)	52.8% (+2.8)	—

Short leader gap 5000 / 4500 / 2500 · prize equity: P1 36.1% / P2 34.9% / P3 29.0%

Caller \ Shover	P1 (5000)	P2 (4500)	P3 (2500)
P1 (5000)	—	58.1% (+8.1)	52.6% (+2.6)
P2 (4500)	60.1% (+10.1)	—	52.7% (+2.7)
P3 (2500)	55.8% (+5.8)	55.1% (+5.1)	—

Micro short 7000 / 4600 / 400 · prize equity: P1 41.3% / P2 37.0% / P3 21.7%

Caller \ Shover	P1 (7000)	P2 (4600)	P3 (400)
P1 (7000)	—	52.0% (+2.0)	50.2% (+0.2)
P2 (4600)	67.5% (+17.5)	—	50.3% (+0.3)
P3 (400)	51.8% (+1.8)	50.8% (+0.8)	—

Risk premiums 3-handed are **smaller than on the 4-left bubble** (the medium vs the leader here needs 62.0%; compare the bubble tables in the mid/bubble guide), so play gets looser in the money.

4. Laddering, pay-jump value, and using a short stack

Pay-jump value [Approx. prize pools]

Buy-in	Assumed prize pool (8 × buy-in minus ~9% rake)	1st (50%)	2nd (30%)	3rd (20%)	Ladder 3rd→2nd
\$3.50	\$25.60	\$12.80	\$7.68	\$5.12	\$2.56
\$5.00	\$36.40	\$18.20	\$10.92	\$7.28	\$3.64

Check the lobby for the exact prize pool.

Laddering: value of the other short stack busting first [Computed]

Setup	Stacks	Hero equity	Other short's equity
Two equal shorts (2000 each)	8000/2000/2000	28.7%	28.7%
Hero 2500, other short 1500	8000/2500/1500	30.7%	26.6%
Hero 1500, other short 2500	8000/1500/2500	26.6%	30.7%
Hero 2400, other 600 (micro)	9000/2400/600	32.1%	23.1%

With a micro-stack at the table (600 chips), a 2,400 stack already holds **32.1%** of the pool, above its 20% chip share; it should **fold marginal spots** and let the micro-stack bust. With equal short stacks, the first to double usually takes 2nd.



Using a short stack [Approx.]: shove first-in before you drop below ~5bb (fold equity), prefer shoving into the **medium** stack's blind (he needs ~52-53% to call you, but busting costs him a pay jump), and avoid calling off light when another short stack is about to blind out.

5. Heads-up push/fold and the chip-lead model [Computed]

Heads-up the pay jump is the last one (1st vs 2nd), and play is pure chip EV. Use the SB shove / HU BB call columns in Section 1 and the table in Section 2 (HU SB at 10bb $\approx$ 58.7%, BB call $\approx$ 37.6%).

Chip-lead win model (chips move in flips of 5% of the total; p = your chance per flip):

Chip share	$p = 50\%$	52%	55%	60%
20%	20.0%	34.3%	56.2%	80.3%
30%	30.0%	47.8%	71.3%	91.2%
40%	40.0%	59.2%	81.4%	96.1%
50%	50.0%	69.0%	88.1%	98.3%
60%	60.0%	77.3%	92.7%	99.3%
70%	70.0%	84.4%	95.7%	99.7%
80%	80.0%	90.5%	97.7%	99.9%

With equal skill, win probability = chip share. The model exaggerates skill edges at fast blinds; treat it as directional.

6. Deal-making [Consensus; hedged]

- **Many online sites, including most SNG lobbies, do not allow deals. Check the site's rules before suggesting a deal**, and never discuss deals in chat where it's prohibited.
- Where deals are allowed, the ICM numbers in Section 3 are a fair starting point (each player's prize equity $\times$ prize pool). A **chip-chop** (proportional to chips) favours the chip leader more than ICM does.

7. Walkthroughs [Computed]

1. 3-handed, medium (3,500) in BB vs leader's BTN shove with AJo. Hero Ah Jd vs Leader's BTN shove (10bb range): **57.7%** (needs 62.0%). Needs 62.0% $\rightarrow$ **fold**.

2. Leader in BB vs short's BTN shove with K8o. Hero Kh 8d vs Short's BTN 5bb shove: **42.7%** (needs 51.5%). Needs 51.5% $\rightarrow$ **fold**.

3. Short (2,000) vs leader's shove with A9o. Hero Ah 9d vs Leader's shove: **51.8%** (needs 57.3%). Needs 57.3% $\rightarrow$ **fold**.

4. Medium vs leader with 88. Hero 8h 8d vs Leader's shove: **58.5%** (needs 62.0%). Needs 62.0% $\rightarrow$ **fold**.

5. Leader vs medium's shove with ATo. Hero Ah Td vs Medium's SB 10bb shove: **59.9%** (needs 53.2%). Needs 53.2% $\rightarrow$ **call**.

6. Medium vs short's shove with KJo. Hero Kh Jd vs Short's 5bb shove: **50.1%** (needs 52.0%). Needs 52.0% $\rightarrow$ **fold**.

7. Short vs medium's shove with 66. Hero 6h 6d vs Medium's SB shove: **56.7%** (needs 53.1%). Needs 53.1% $\rightarrow$ **call**.



8. 3-handed chip EV: BTN 7bb shove with Q8o — SB calls with. Hero Qh 8d vs *SB call range vs BTN 7bb*: **34.6%**. Q8o is not in the BTN 7bb shove range; when the SB calls it has 34.6%, but most hands fold.

9. 3-handed: SB 10bb shove J7o vs BB. Hero Jh 7d vs *BB call range vs SB 10bb*: **34.2%**. J7o is not in the SB 10bb shove range; equity when called 34.2%.

10. HU 10bb: BB with K5o vs SB shove. Hero Kh 5d vs *HU SB 10bb shove*: **45.2%**. Needs $(10-1)/20 = 45.0\% \rightarrow$ **marginal call** vs this exact shove range (45.2%), but K5o sits just outside the model's HU call range (in range: no), so a fold costs almost nothing. Breakeven either way.

11. HU 5bb: BB with 96o vs SB shove. Hero 9h 6d vs *HU SB 5bb shove*: **38.1%**. Needs $(5-1)/10 = 40.0\% \rightarrow$ **fold** (38.1%; in the HU call range: no).

12. HU 15bb: SB shove 75s, BB calls with. Hero 7h 5h vs *HU BB call 15bb*: **36.6%**. 75s is in the HU SB 15bb shove range; equity when called 36.6%.

13. HU 3bb: BB with 83o vs SB shove. Hero 8h 3d vs *HU SB 3bb shove*: **33.0%**. Needs $(3-1)/6 = 33.3\% \rightarrow$ **fold** at 33.0% (razor-thin; in the HU call range: no).

14. 3-handed 3bb: BTN shove T4o, SB calls with. Hero Th 4d vs *SB call vs BTN 3bb*: **36.1%**. T4o is not in the BTN 3bb shove range; equity when called 36.1%.

15. HU 7bb: SB shove Q2s, BB calls with. Hero Qh 2h vs *HU BB call 7bb*: **38.7%**. Q2s is in the HU SB 7bb shove range; equity when called 38.7%.

8. Drills: 30 spots

1. Leader vs short's shove (6500/3500/2000): equity needed?
2. Medium vs leader?
3. Short vs leader?
4. Leader vs medium?
5. Medium vs short?
6. Short vs medium?
7. 3rd→2nd pay jump as % of the pool?
8. Ladder value at \$5 (assumed \$36.40 pool)?
9. Hero 2400 vs a 600 micro (9000 leader): hero equity?
10. Equal shorts 2000/2000 with 8000 leader: each short's equity?
11. BTN 3h shove at 10bb?
12. BTN 3h shove at 5bb?
13. SB call vs BTN at 10bb?
14. HU SB shove at 15bb?
15. HU BB call at 10bb?
16. HU BB call at 5bb?
17. HU BB threshold at 7bb?
18. AJo medium vs leader?
19. 88 medium vs leader?
20. A9o short vs leader?
21. K8o leader vs short?
22. ATo leader vs short?
23. K5o HU BB vs 10bb shove: equity vs needed?
24. 96o HU BB vs 5bb shove?



25. Q2s HU SB 7bb shove?
26. T4o BTN 3bb shove?
27. Chip lead 60% HU, equal skill: win %?
28. 40% chips with a 55% edge per flip?
29. Are deals allowed in most online SNGs?
30. Which deal favours the leader more, chip-chop or ICM?

Answers

1. 51.5%. · 2. 62.0%. · 3. 57.3%. · 4. 53.2%. · 5. 52.0%. · 6. 53.1%. · 7. 10%. · 8. \$3.64. · 9. 32.1%. · 10. 28.7%. · 11. 31.8%. · 12. 39.7%. · 13. 18.9%. · 14. 45.7%. · 15. 37.6%. · 16. 62.0%. · 17. $6 \div 14 = 42.9\%$. · 18. Fold. · 19. Fold. · 20. Fold. · 21. Fold. · 22. Call. · 23. 45.2% vs 45.0%: breakeven (model range folds it). · 24. Fold. · 25. Shove. · 26. Fold. · 27. 60%. · 28. 81.4%. · 29. Usually not: check the rules. · 30. Chip-chop.

Push/call ranges are chip-EV approximations from simplified models; ICM call/fold uses one representative setup. Not solver output. For study away from the table, not for real-time use during play.



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