

UPSWING  POKER

POT LIMIT OMAHA PREFLOP GUIDE

— FOR RAISING FIRST IN —



INDEX

GENERAL INFORMATION

PREFLOP RANGES BY POSITION

PREFLOP RANGES BY HAND CLASS

GENERAL INFORMATION

THIS GUIDE WILL HELP YOU UNDERSTAND WHICH HANDS TO RAISE FIRST IN (RFI) IN POT LIMIT OMAHA (PLO).



Because there are so many possible starting hands in PLO (270,725), we had to find a way to condense them without sacrificing too much depth. As a result, tri-suited hands (like **J♠ 8♥ 7♠ 6♠**) and quad-suited hands (like **J♠ 8♠ 7♠ 6♠**) are not addressed in this guide.

This is intentional to improve the usability of the guide. Note that tri- and quad-suited hands play similarly to single suited hands, but slightly tighter.

The guide separates hands in two different ways: by **Hand Class** and by **Position**.

These two sets of charts are different ways of presenting the same information, so you can use whichever one you prefer.

ABBREVIATIONS KEY

UTG = under the gun

HJ = hijack

CO = cutoff

BTN = button

DS = double suited

SS = single suited

R = rainbow

0G = a hand with zero gaps (**9♠ 8♥ 7♠ 6♣**)

1G = a hand with one gap (**9♠ 8♥ 7♠ 5♣**)

2G = a hand with two gaps (**9♠ 8♥ 5♠ 4♣**)

[K-T] = a card between king and ten

[9-6] = a card between nine and six

[5-2] = a card between five and two

% Dealt = the frequency at which you are dealt a playable combination of a certain hand class. This is useful for clarifying how important each hand class is to learn.

% of RFI = the proportion of your total RFI range each hand class represents. This offers a snapshot of the full makeup of an RFI range.

PREFLOP RANGES BY POSITION

PAIRS

UTG RFI

HJ RFI

CO RFI

BTN RFI

SB RFI

NON-PAIRS

UTG RFI

HJ RFI

CO RFI

BTN RFI

SB RFI

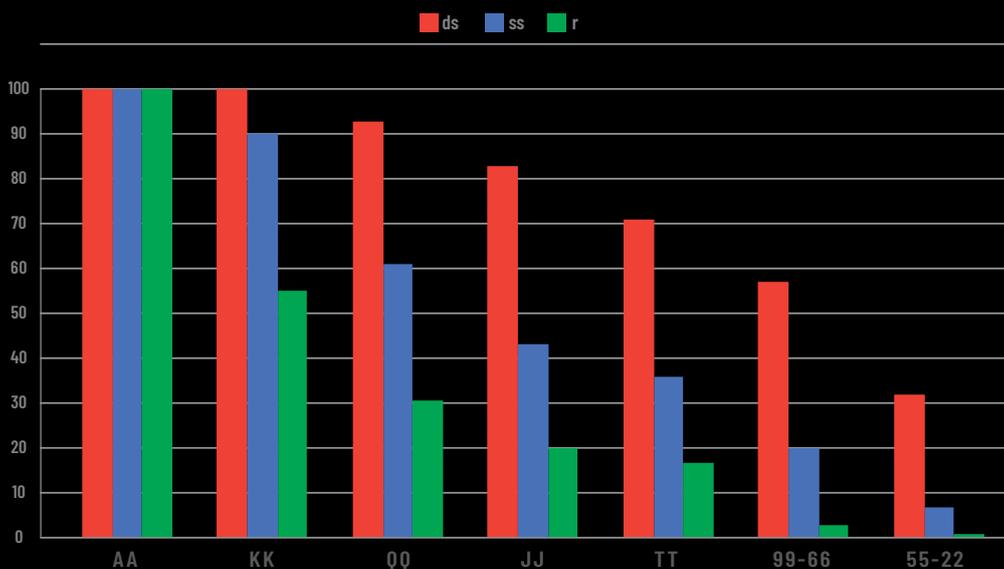
Note: These ranges were derived from a Monker Solver simulation using a \$10/20 rake structure. Because aggressive actions preflop are rather inelastic to rake, these ranges are also accurate when playing stakes as low as \$1/2.

PREFLOP RANGES BY POSITION

PAIRS: HJ RFI (21.8%) WITH WORST OPEN

	ds	ss	r	% Dealt	% of RFI
AA	100%	100%	100%	2.6%	11.9%
KK	100%	90% <div style="display: flex; justify-content: space-around;"> K K 4 3 K K 7 3 </div>	55% <div style="display: flex; justify-content: space-around;"> K K 8 6 K K Q 6 </div>	1.9%	8.7%
QQ	93% <div style="display: flex; justify-content: space-around;"> Q 8 Q 4 </div>	61% <div style="display: flex; justify-content: space-around;"> Q T Q 5 Q Q T 6 </div>	31% <div style="display: flex; justify-content: space-around;"> Q Q J 9 </div>	1.5%	6.9%
JJ	83% <div style="display: flex; justify-content: space-around;"> J 5 J 3 J 9 J 2 </div>	43% <div style="display: flex; justify-content: space-around;"> J 8 J 7 J K J 5 </div>	20% <div style="display: flex; justify-content: space-around;"> A J J 8 </div>	1.1%	5.0%
TT	71% <div style="display: flex; justify-content: space-around;"> Q T T 5 </div>	36% <div style="display: flex; justify-content: space-around;"> K T T 8 T T 8 7 </div>	17% <div style="display: flex; justify-content: space-around;"> T T 6 6 A T T 8 </div>	1.0%	4.6%
99-66	57% <div style="display: flex; justify-content: space-around;"> 6 5 6 2 K 9 9 6 </div>	20% <div style="display: flex; justify-content: space-around;"> Q 8 T 8 6 7 6 5 </div>	3% <div style="display: flex; justify-content: space-around;"> 8 8 5 5 A T 9 9 </div>	2.0%	9.2%
55-22	32% <div style="display: flex; justify-content: space-around;"> K 3 J 3 6 4 4 3 </div>	7% <div style="display: flex; justify-content: space-around;"> A 8 5 5 A 4 3 3 </div>	1% <div style="display: flex; justify-content: space-around;"> 4 4 2 2 </div>	0.8%	3.7%

HJ RFI (PAIRS)

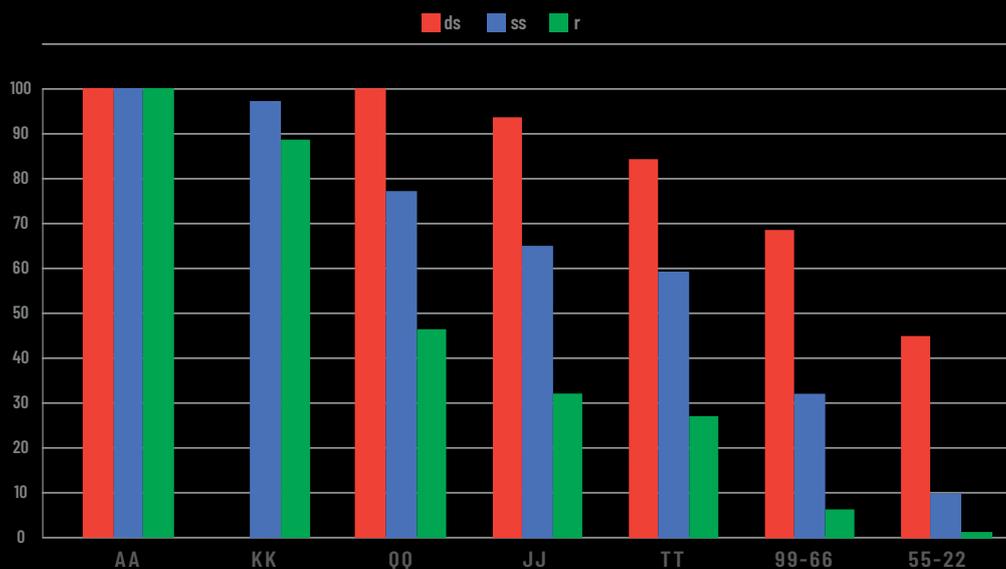


PREFLOP RANGES BY POSITION

PAIRS: CO RFI (30.0%) WITH WORST OPEN

	ds	ss	r	% Dealt	% of RFI
AA	100%	100%	100%	2.6%	8.7%
KK	100%	97% K K A K	88% K K 4 2	2.5%	8.3%
QQ	100%	77% Q Q 9 4 Q Q 6 4	46% Q Q T 6	1.9%	6.3%
JJ	93% J 5 J 2	65% J 7 J 6	32% A J J 5 Q J J 8	1.6%	5.3%
TT	84% T 8 T 4	59% A T T 4 J T T 2	27% J T T 7	1.4%	4.7%
99-66	68% T 6 6 5 9 6 9 3	32% K 8 J 8 K 7 6 6	6% A T 8 8	3.1%	10.3%
55-22	45% K 2 5 2 K 5 T 5	10% 6 3 A 3 6 4 5 4	1% 3 3 2 2	1.2%	4.0%

CO RFI (PAIRS)

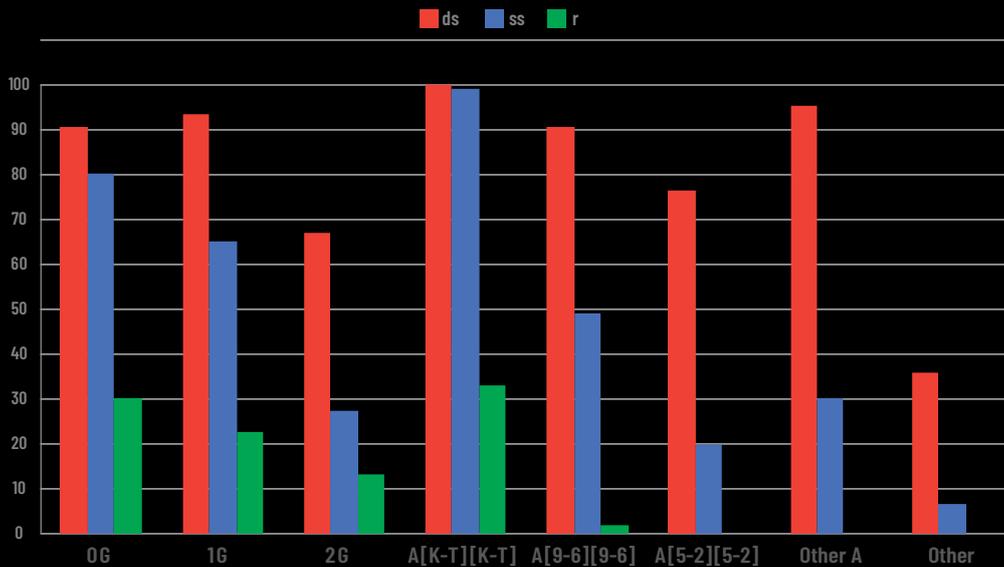


PREFLOP RANGES BY POSITION

NON-PAIRS: CO RFI (30.0%) WITH WORST OPEN

	ds	ss	r	% Dealt	% of RFI
0g	90% 6 5 4 3	80% 7 6 5 4	30% Q J T 9	0.6%	2.0%
1g	93% 6 5 4 2	65% 8 6 5 4	22% Q J T 8	1.5%	5.0%
2g	67% 9 6 5 4	27% K Q 9 8	13% A K Q 9	0.7%	2.3%
A[K-T] [K-T]	100%	99% A Q T 3	33% A K J 7	4.0%	13.3%
A[9-6] [9-6]	90% A 8 7 2	49% A J 8 7 A 9 6 5	2% A T 9 8	2.3%	7.7%
A[5-2] [5-2]	76% A T 5 2 A 3 4 2	20% A 6 5 3 A K 4 3	0%	1.1%	3.7%
Other A	95% A T 6 3	30% A T 8 3 A K 6 4	0%	1.9%	6.3%
Other	36% Q 5 6 3 6 5 8 2	6% K 7 6 5 K Q T 6	0%	3.5%	11.7%

CO RFI (NON-PAIRS)

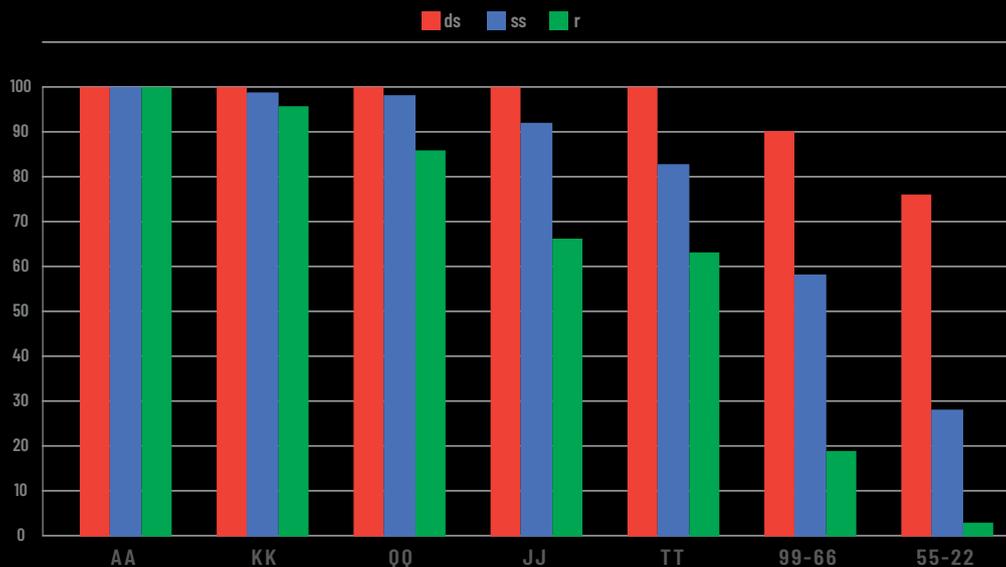


PREFLOP RANGES BY POSITION

PAIRS: BTN RFI (47.2%) WITH WORST OPEN

	ds	ss	r	% Dealt	% of RFI
AA	100%	100%	100%	2.6%	5.5%
KK	100%	99% K K K 5	96% K K K T	2.6%	5.5%
QQ	100%	98% Q Q Q T	86% Q Q 4 2	2.4%	5.1%
JJ	100%	92% J J 3 2 J J A J	66% J J 7 6 K J J 2	2.2%	4.7%
TT	100%	83% T T 8 2	63% Q T T 2	2.1%	4.4%
99-66	90% K 8 8 2 8 4 8 3	58% 7 K 7 4 7 7 8 4	19% 8 8 7 6 K Q 8 8	5.5%	11.7%
55-22	76% J 2 5 2 K 2 8 2	28% J 5 T 5 4 5 4 3	3% A K 2 2	2.8%	5.9%

BTN RFI (PAIRS)

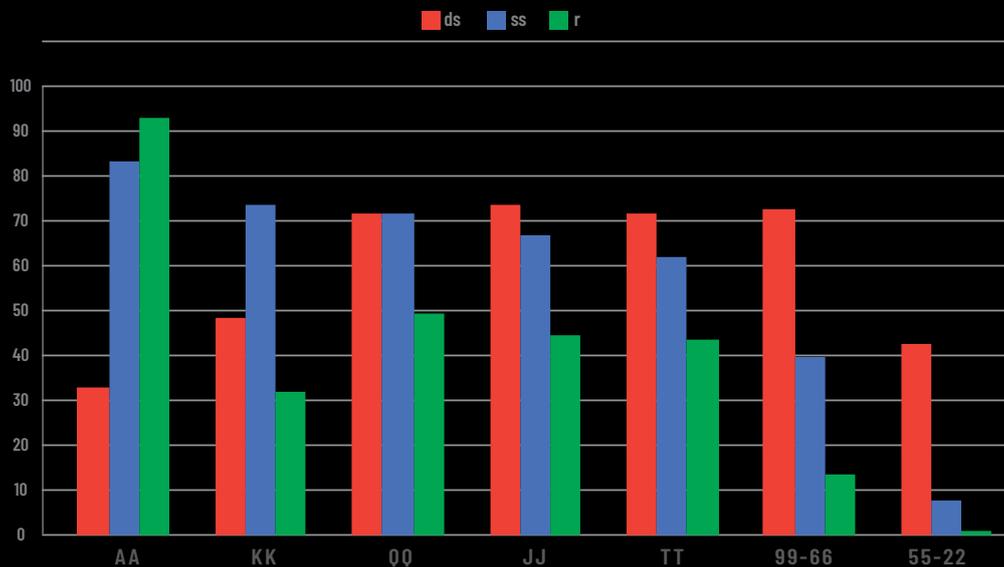


PREFLOP RANGES BY POSITION

PAIRS: SB RFI (29.7%)

	ds	ss	r	% Dealt	% of RFI
AA	33%	84%	93%	2.1%	7.1%
KK	49%	74%	32%	1.7%	5.7%
QQ	72%	72%	50%	1.7%	5.6%
JJ	74%	67%	45%	1.6%	5.3%
TT	72%	62%	44%	1.4%	4.8%
99-66	73%	40%	13%	3.8%	12.7%
55-22	43%	8%	1%	1.1%	3.6%

PAIRS: SB RFI (29.7%)



BACK TO
MAIN INDEX



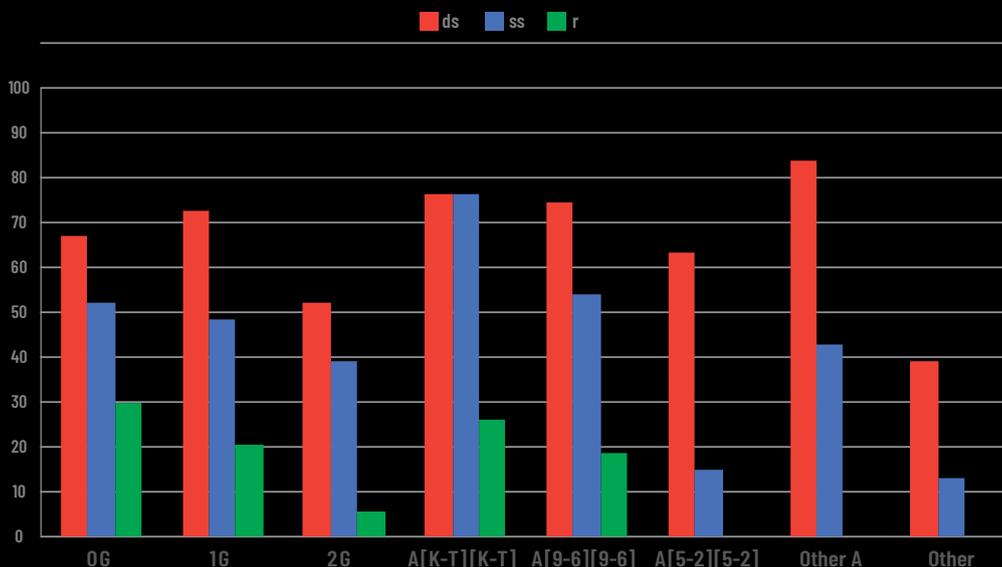
BACK TO
SECTION INDEX

PREFLOP RANGES BY POSITION

NON-PAIRS: SB RFI (29.7%)

	ds	ss	r	% Dealt	% of RFI
0g	67%	52%	30%	0.5%	0.2%
1g	72%	48%	19%	1.2%	4.5%
2g	51%	39%	5%	0.8%	2.8%
A[K-T][K-T]	77%	77%	25%	3.0%	10.0%
A[9-6][9-6]	74%	54%	18%	2.3%	7.8%
A[5-2][5-2]	64%	15%	0%	0.9%	3.0%
Other A	84%	42%	0%	2.3%	8.1%
Other	39%	13%	0%	5.4%	19.0%

NON-PAIRS: SB RFI (29.7%)



BACK TO
MAIN INDEX



BACK TO
SECTION INDEX

PREFLOP RANGES BY HAND CLASS

PAIRS

KK RFI

JJ RFI

99-66 RFI

QQ RFI

TT RFI

55-22 RFI

SB RFI

NON-PAIRS

0G RFI

A[K-T][K-T] RFI

OTHER A RFI

1G RFI

A[9-6][9-6] RFI

OTHER RFI

2G RFI

A[5-2][5-2] RFI

SB RFI

Note: These ranges were derived from a Monker Solver simulation using a \$10/20 rake structure. Because aggressive actions preflop are rather inelastic to rake, these ranges are also accurate when playing stakes as low as \$1/2.


BACK TO
MAIN INDEX

UPSWING  POKER

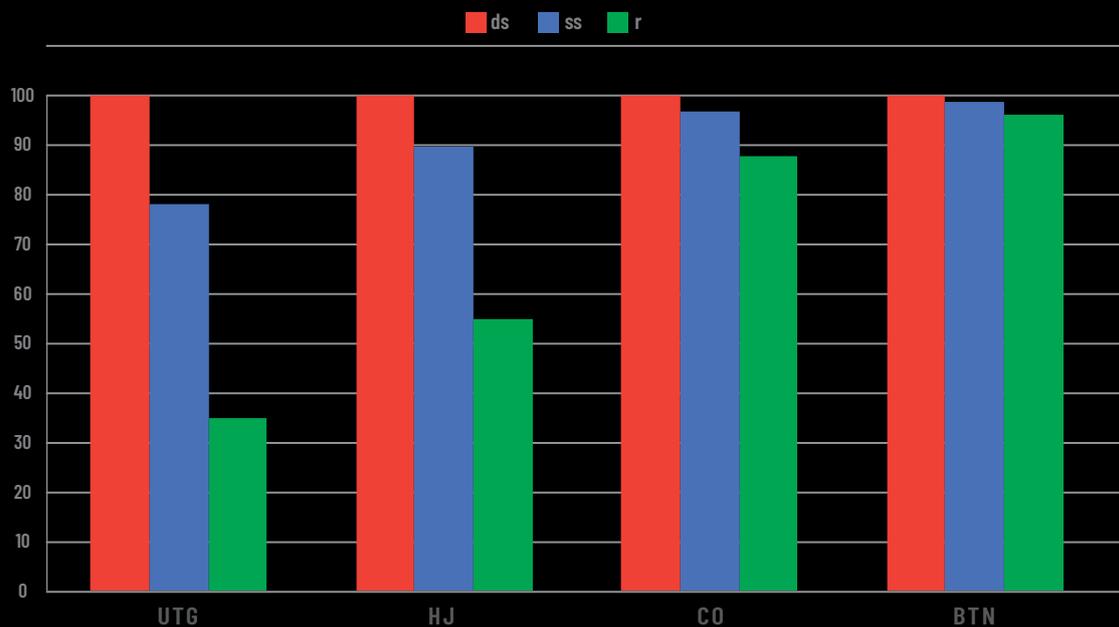
POT LIMIT OMAHA PREFLOP GUIDE FOR RAISING FIRST IN

PREFLOP RANGES BY HAND CLASS

PAIRS: KK RFI WITH WORST OPEN

	ds	ss	r	% Dealt	% of RFI
UTG	100%	78% <div style="display: flex; justify-content: space-around; font-size: 0.8em;"> K K 5 2 </div> <div style="display: flex; justify-content: space-around; font-size: 0.8em;"> K K 5 4 </div>	35% <div style="display: flex; justify-content: space-around; font-size: 0.8em;"> K K T 7 </div>	1.6%	8.9%
HJ	100%	90% <div style="display: flex; justify-content: space-around; font-size: 0.8em;"> K K 4 3 </div> <div style="display: flex; justify-content: space-around; font-size: 0.8em;"> K K 7 3 </div>	55% <div style="display: flex; justify-content: space-around; font-size: 0.8em;"> K K 8 6 </div> <div style="display: flex; justify-content: space-around; font-size: 0.8em;"> K K Q 6 </div>	1.9%	8.7%
CO	100%	97% <div style="display: flex; justify-content: space-around; font-size: 0.8em;"> K K A K </div>	88% <div style="display: flex; justify-content: space-around; font-size: 0.8em;"> K K 4 2 </div>	2.5%	8.3%
BTN	100%	99% <div style="display: flex; justify-content: space-around; font-size: 0.8em;"> K K K 5 </div>	96% <div style="display: flex; justify-content: space-around; font-size: 0.8em;"> K K K T </div>	2.6%	5.5%

KK RFI (BY POSITION)

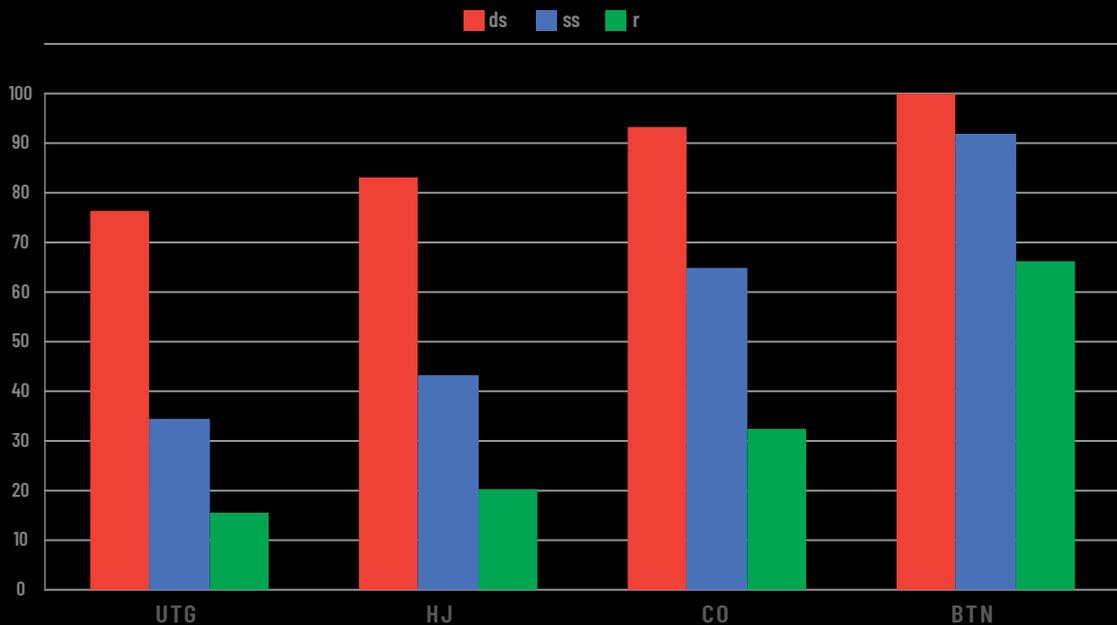


PREFLOP RANGES BY HAND CLASS

PAIRS: JJ RFI WITH WORST OPEN

	ds	ss	r	% Dealt	% of RFI
UTG	76% J 9 J 5	34% J J K 7 J J T 7	15% A J J 8 J J 7 7	0.7%	3.9%
HJ	83% J 5 J 3 J 9 J 2	43% J 8 J 7 J K J 5	20% A J J 8	1.1%	5%
CO	93% J 5 J 2	65% J 7 J 6	32% A J J 5 Q J J 8	1.6%	5.3%
BTN	100%	92% J J 3 2 J J A J	66% J J 7 6 K J J 2	2.2%	4.7%

JJ RFI (BY POSITION)

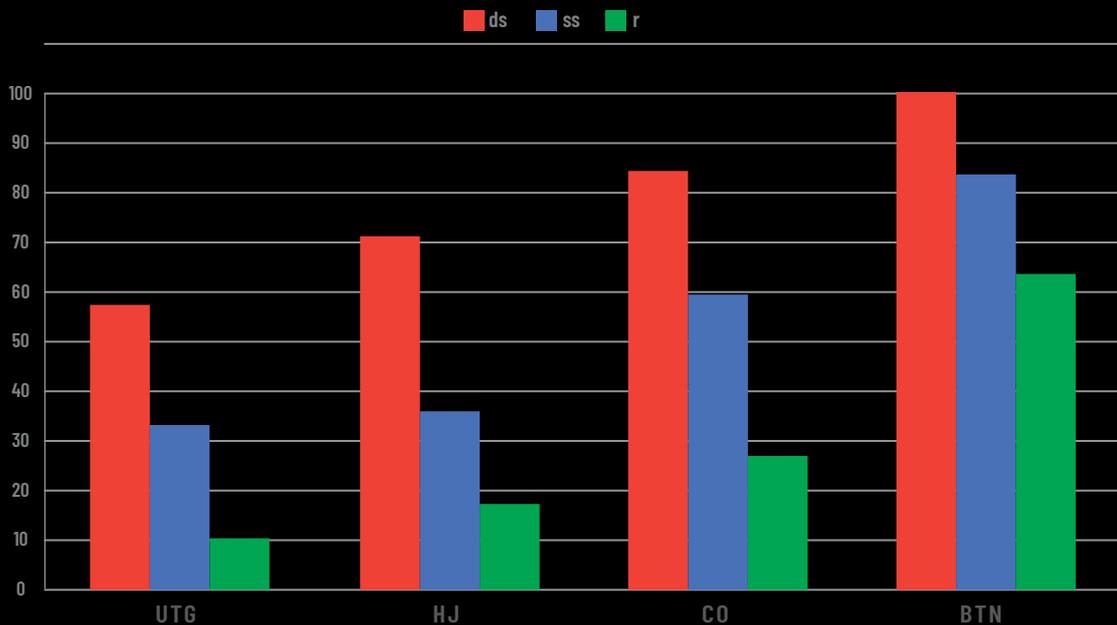


PREFLOP RANGES BY HAND CLASS

PAIRS: TT RFI WITH WORST OPEN

	ds	ss	r	% Dealt	% of RFI
UTG	57% <div style="display: flex; justify-content: space-around;"> K T T 6 J T T 5 </div>	33% <div style="display: flex; justify-content: space-around;"> T T 8 7 T K T 7 </div>	10% <div style="display: flex; justify-content: space-around;"> T T 7 7 A T T 9 </div>	0.7%	3.9%
HJ	71% <div style="display: flex; justify-content: space-around;"> Q T T 5 </div>	36% <div style="display: flex; justify-content: space-around;"> K T T 8 T T 8 7 </div>	17% <div style="display: flex; justify-content: space-around;"> T T 6 6 A T T 8 </div>	1%	4.6%
CO	84% <div style="display: flex; justify-content: space-around;"> T 8 T 4 </div>	59% <div style="display: flex; justify-content: space-around;"> A T T 4 J T T 2 </div>	27% <div style="display: flex; justify-content: space-around;"> J T T 7 </div>	1.4%	4.7%
BTN	100%	83% <div style="display: flex; justify-content: space-around;"> T T 8 2 </div>	63% <div style="display: flex; justify-content: space-around;"> Q T T 2 </div>	2.1%	4.4%

TT RFI (BY POSITION)

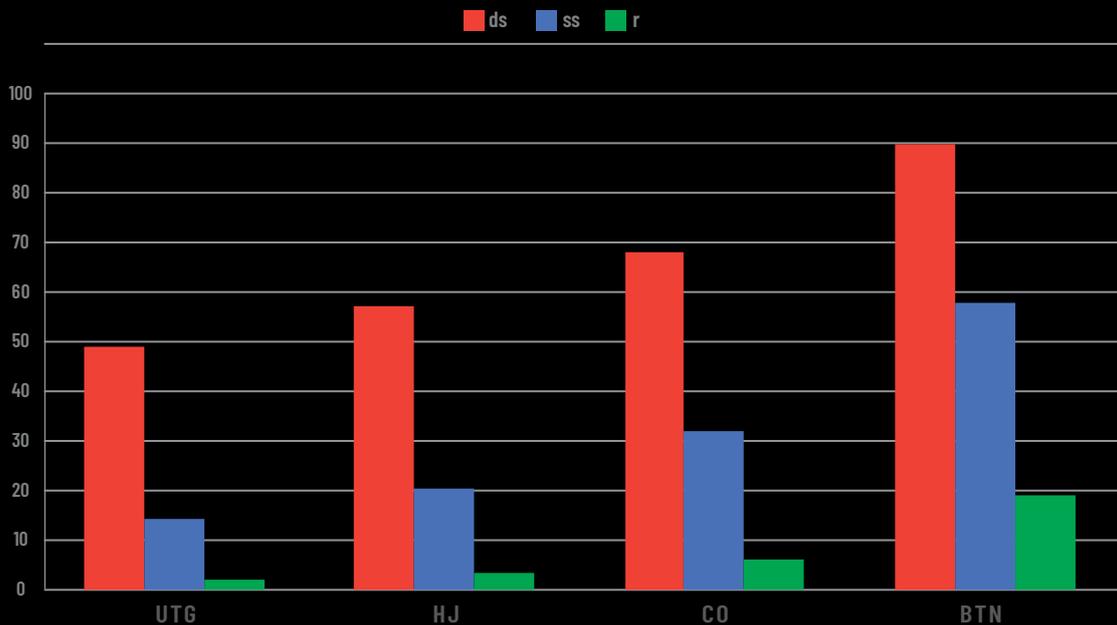


PREFLOP RANGES BY HAND CLASS

PAIRS: 99-66 RFI WITH WORST OPEN

	ds	ss	r	% Dealt	% of RFI
UTG	49% <div style="display: flex; flex-wrap: wrap; gap: 5px;"> K 8 8 6 7 6 6 3 </div>	14% <div style="display: flex; flex-wrap: wrap; gap: 5px;"> 7 7 6 5 T 6 A 6 </div>	2% <div style="display: flex; flex-wrap: wrap; gap: 5px;"> 6 6 3 3 </div>	1.5%	8.4%
HJ	57% <div style="display: flex; flex-wrap: wrap; gap: 5px;"> 6 5 6 2 K 9 9 6 </div>	20% <div style="display: flex; flex-wrap: wrap; gap: 5px;"> Q 8 T 8 6 7 6 5 </div>	3% <div style="display: flex; flex-wrap: wrap; gap: 5px;"> 8 8 5 5 A T 9 9 </div>	2%	9.2%
CO	68% <div style="display: flex; flex-wrap: wrap; gap: 5px;"> T 6 6 5 9 6 9 3 </div>	32% <div style="display: flex; flex-wrap: wrap; gap: 5px;"> K 8 J 8 K 7 6 6 </div>	6% <div style="display: flex; flex-wrap: wrap; gap: 5px;"> A T 8 8 </div>	3.1%	10.3%
BTN	90% <div style="display: flex; flex-wrap: wrap; gap: 5px;"> K 8 8 2 8 4 8 3 </div>	58% <div style="display: flex; flex-wrap: wrap; gap: 5px;"> 7 K 7 4 7 7 8 4 </div>	19% <div style="display: flex; flex-wrap: wrap; gap: 5px;"> 8 8 7 6 K Q 8 8 </div>	5.5%	11.7%

99-66 RFI (BY POSITION)

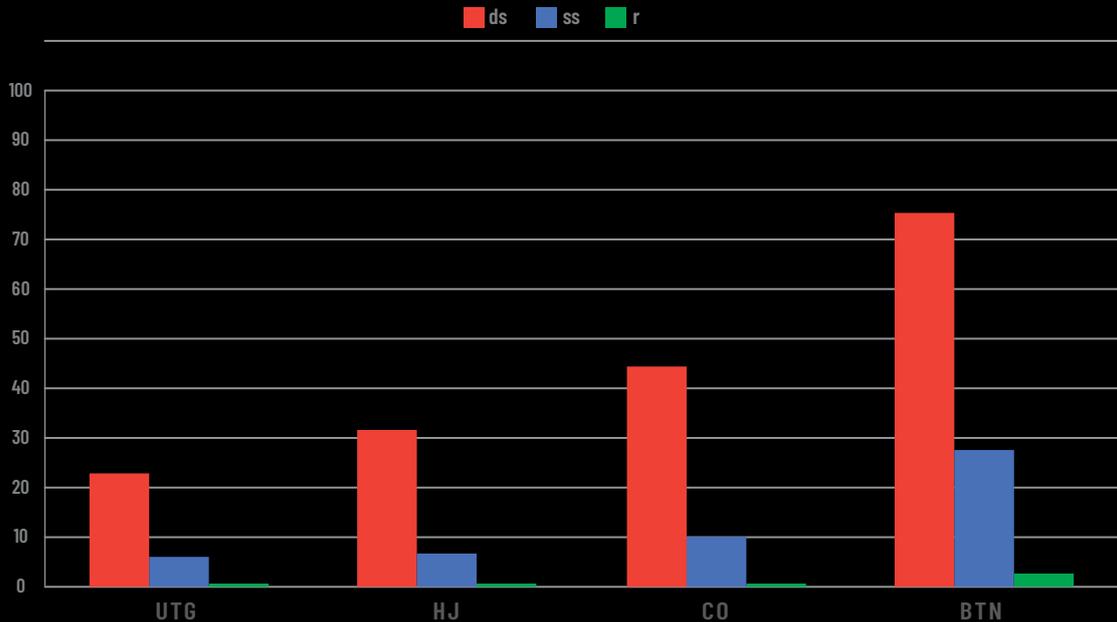


PREFLOP RANGES BY HAND CLASS

PAIRS: 55-22 RFI WITH WORST OPEN

	ds	ss	r	% Dealt	% of RFI
UTG	23% <div style="display: flex; flex-wrap: wrap; gap: 5px;"> <div style="background-color: red; color: white; padding: 2px;">J 2</div> <div style="background-color: black; color: white; padding: 2px;">T 2</div> <div style="background-color: red; color: white; padding: 2px;">K 5</div> <div style="background-color: black; color: white; padding: 2px;">5 4</div> </div>	6% <div style="display: flex; flex-wrap: wrap; gap: 5px;"> <div style="background-color: blue; color: white; padding: 2px;">A 4</div> <div style="background-color: red; color: white; padding: 2px;">K 4</div> </div>	1% <div style="display: flex; flex-wrap: wrap; gap: 5px;"> <div style="background-color: green; color: white; padding: 2px;">4 4</div> <div style="background-color: red; color: white; padding: 2px;">3 3</div> </div>	0.7%	3.9%
HJ	32% <div style="display: flex; flex-wrap: wrap; gap: 5px;"> <div style="background-color: red; color: white; padding: 2px;">K 3</div> <div style="background-color: black; color: white; padding: 2px;">J 3</div> <div style="background-color: red; color: white; padding: 2px;">6 4</div> <div style="background-color: black; color: white; padding: 2px;">4 3</div> </div>	7% <div style="display: flex; flex-wrap: wrap; gap: 5px;"> <div style="background-color: blue; color: white; padding: 2px;">A 8</div> <div style="background-color: red; color: white; padding: 2px;">5 5</div> <div style="background-color: blue; color: white; padding: 2px;">A 4</div> <div style="background-color: red; color: white; padding: 2px;">3 3</div> </div>	1% <div style="display: flex; flex-wrap: wrap; gap: 5px;"> <div style="background-color: green; color: white; padding: 2px;">4 4</div> <div style="background-color: red; color: white; padding: 2px;">2 2</div> </div>	0.8%	3.7%
CO	45% <div style="display: flex; flex-wrap: wrap; gap: 5px;"> <div style="background-color: red; color: white; padding: 2px;">K 2</div> <div style="background-color: black; color: white; padding: 2px;">5 2</div> <div style="background-color: red; color: white; padding: 2px;">K 5</div> <div style="background-color: black; color: white; padding: 2px;">T 5</div> </div>	10% <div style="display: flex; flex-wrap: wrap; gap: 5px;"> <div style="background-color: blue; color: white; padding: 2px;">6 3</div> <div style="background-color: black; color: white; padding: 2px;">A 3</div> <div style="background-color: blue; color: white; padding: 2px;">6 4</div> <div style="background-color: black; color: white; padding: 2px;">5 4</div> </div>	1% <div style="display: flex; flex-wrap: wrap; gap: 5px;"> <div style="background-color: green; color: white; padding: 2px;">3 3</div> <div style="background-color: red; color: white; padding: 2px;">2 2</div> </div>	1.2%	4%
BTN	76% <div style="display: flex; flex-wrap: wrap; gap: 5px;"> <div style="background-color: red; color: white; padding: 2px;">J 2</div> <div style="background-color: black; color: white; padding: 2px;">5 2</div> <div style="background-color: red; color: white; padding: 2px;">K 2</div> <div style="background-color: black; color: white; padding: 2px;">8 2</div> </div>	28% <div style="display: flex; flex-wrap: wrap; gap: 5px;"> <div style="background-color: blue; color: white; padding: 2px;">J 5</div> <div style="background-color: black; color: white; padding: 2px;">T 5</div> <div style="background-color: blue; color: white; padding: 2px;">4 5</div> <div style="background-color: red; color: white; padding: 2px;">4 3</div> </div>	3% <div style="display: flex; flex-wrap: wrap; gap: 5px;"> <div style="background-color: green; color: white; padding: 2px;">A K</div> <div style="background-color: red; color: white; padding: 2px;">2 2</div> </div>	2.8%	5.9%

55-22 RFI (BY POSITION)

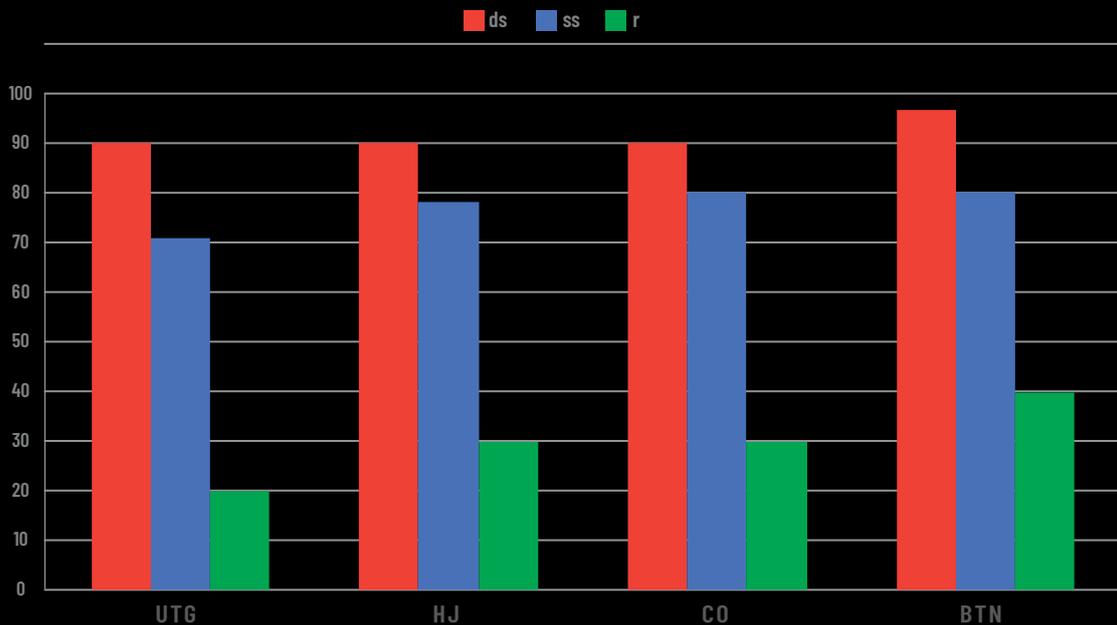


PREFLOP RANGES BY HAND CLASS

NON-PAIRS: OG RFI WITH WORST OPEN

	ds	ss	r	% Dealt	% of RFI
UTG	90% 6 5 4 3	71% 7 6 5 4	20% K Q J T	0.6%	3.4%
HJ	90% 6 5 4 3	78% 7 6 5 4	30% Q J T 9	0.6%	2.8%
CO	90% 6 5 4 3	80% 7 6 5 4	30% Q J T 9	0.6%	2%
BTN	97% 5 4 3 2	80% 7 6 5 4	40% J T 9 8	0.7%	1.5%

OG RFI (BY POSITION)

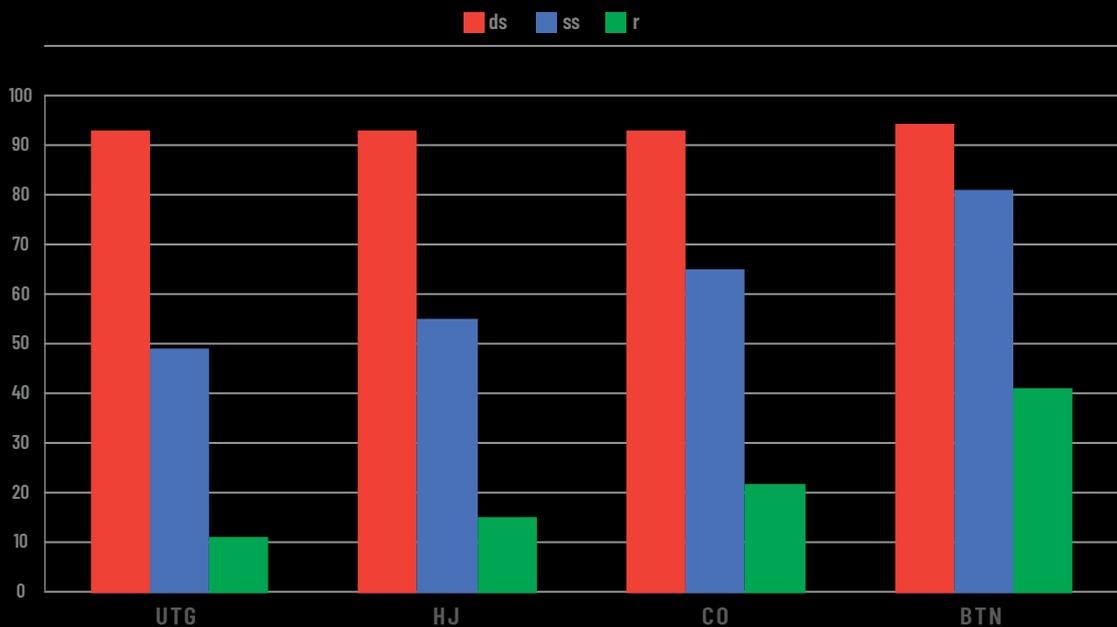


PREFLOP RANGES BY HAND CLASS

NON-PAIRS: 1G RFI WITH WORST OPEN

	ds	ss	r	% Dealt	% of RFI
UTG	93% 6 5 4 2	49% 8 6 5 4	11% A Q J T	1.2%	6.7%
HJ	93% 6 5 4 2	55% 8 6 5 4	15% K J T 9	1.4%	6.4%
CO	93% 6 5 4 2	65% 8 6 5 4	22% Q J T 8	1.5%	5%
BTN	94% 6 5 3 2	81% 7 6 5 3	41% J T 8 7	1.9%	4%

1G RFI (BY POSITION)

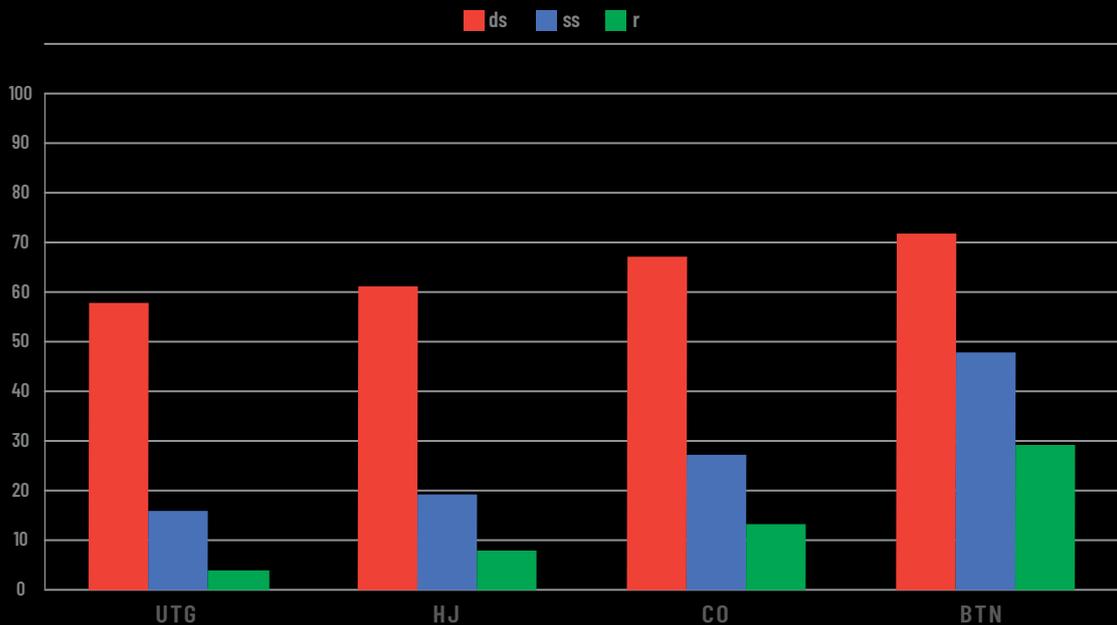


PREFLOP RANGES BY HAND CLASS

NON-PAIRS: 2G RFI WITH WORST OPEN

	ds	ss	r	% Dealt	% of RFI
UTG	58% T 7 6 5	16% K T 9 8	4% A J T 9	0.5%	2.8%
HJ	61% 9 6 5 4	19% Q J T 7	8% A K T 9	0.5%	2.3%
CO	67% 9 6 5 4	27% K Q 9 8	13% A K Q 9	0.7%	2.3%
BTN	72% 9 8 5 4	48% J T 7 6	29% K Q 9 8	1.1%	2.3%

2G RFI (BY POSITION)

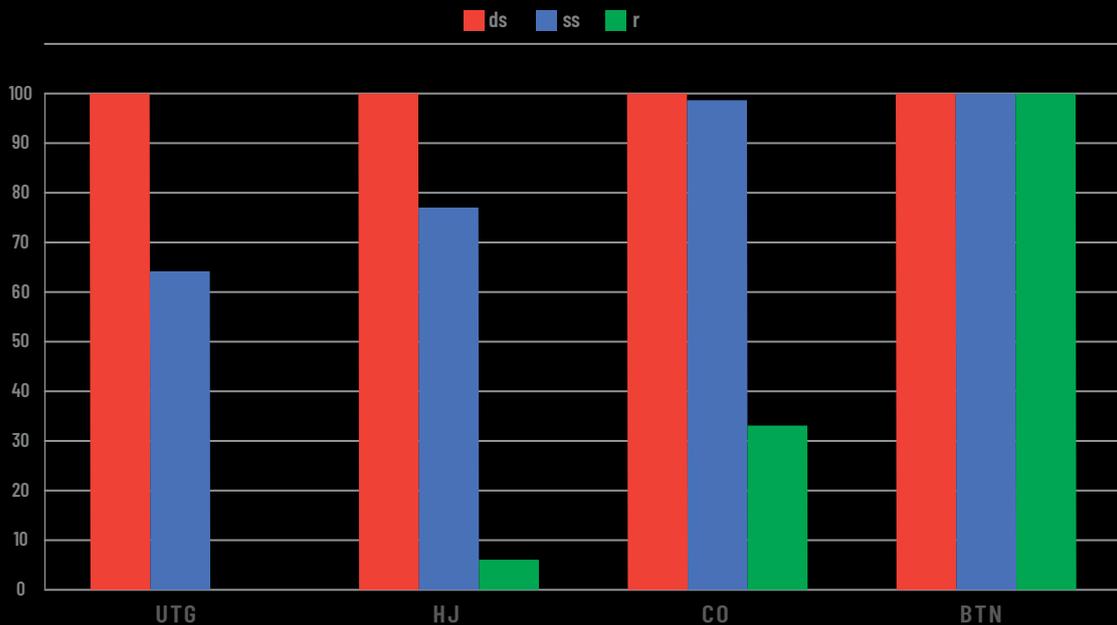


PREFLOP RANGES BY HAND CLASS

NON-PAIRS: A[K-T][K-T] RFI WITH WORST OPEN

	ds	ss	r	% Dealt	% of RFI
UTG	100%	64% A J T 7 A K Q 4	0%	2.3%	12.8%
HJ	100%	77% A K T 3	6% A J T 8	3%	13.8%
CO	100%	99% A Q T 3	33% A K J 7	4%	13.3%
BTN	100%	100%	100%	4.3%	9.1%

A[K-T][K-T] RFI (BY POSITION)

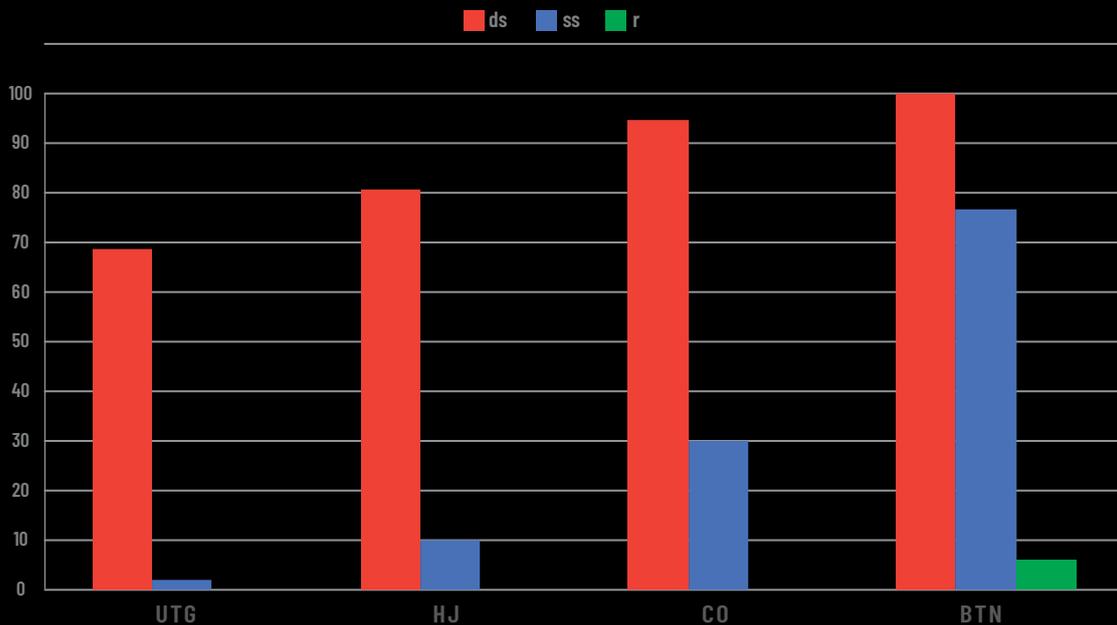


PREFLOP RANGES BY HAND CLASS

NON-PAIRS: OTHER A RFI WITH WORST OPEN

	ds	ss	r	% Dealt	% of RFI
UTG	69% A 9 Q 2 A 7 T 3	2% A K 6 5	0%	0.7%	3.9%
HJ	81% A Q 9 3 A T 7 3	10% A Q 6 5 A T 8 5	0%	1%	4.6%
CO	95% A T 6 3	30% A T 8 3 A K 6 4	0%	1.9%	6.3%
BTN	100%	77% A J 8 4 A K 6 2	6% A K 9 5 A K 6 5	4.3%	9.1%

OTHER A RFI (BY POSITION)

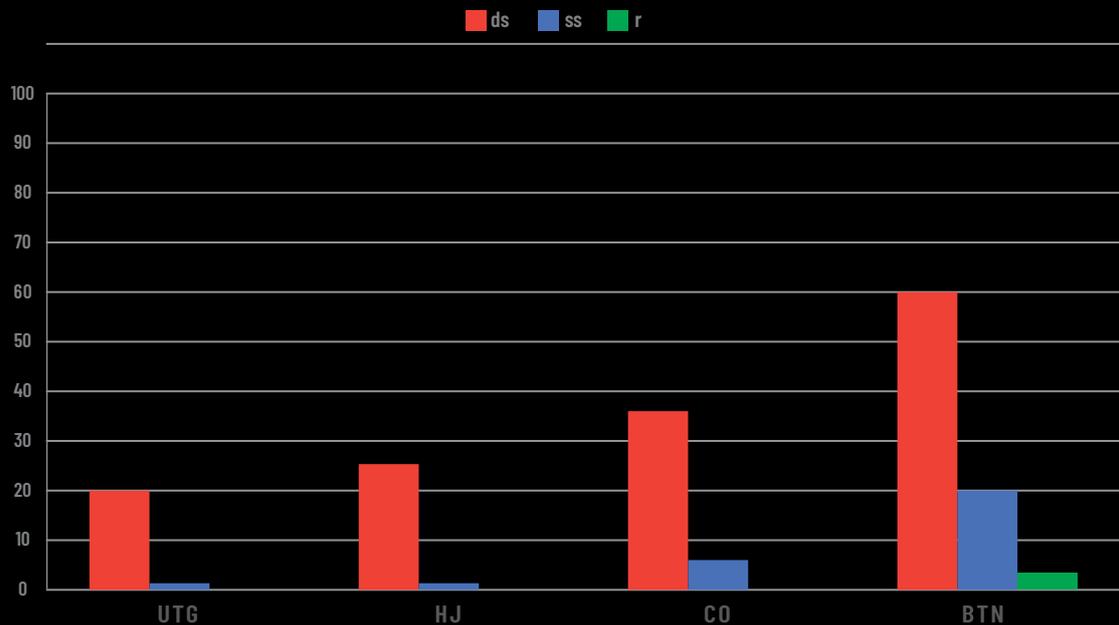


PREFLOP RANGES BY HAND CLASS

NON-PAIRS: OTHER RFI WITH WORST OPEN

	ds	ss	r	% Dealt	% of RFI
UTG	20% T 8 7 5	1% K J T 8	0%	1.4%	7.8%
HJ	25% J T 7 5	1% K J T 7	0%	1.8%	8.3%
CO	36% Q 5 6 3	6% K 7 6 5	0%	3.5%	11.7%
BTN	60% Q J 4 2	20% Q T 5 4	3% K J T 6	9.1%	19.3%

OTHER RFI (BY POSITION)

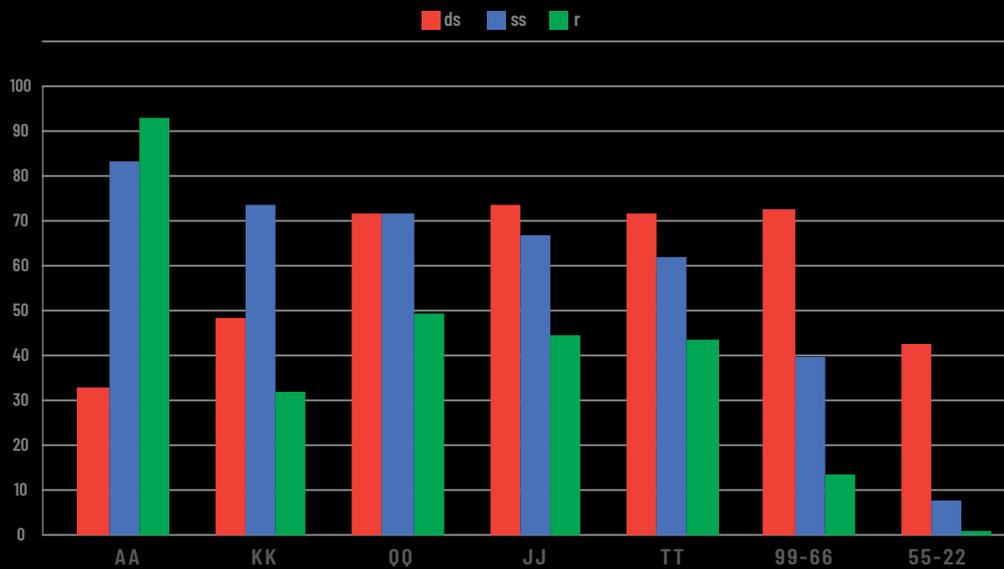


PREFLOP RANGES BY HAND CLASS

PAIRS: SB RFI (29.7%)

	ds	ss	r	% Dealt	% of RFI
AA	33%	84%	93%	2.1%	7.1%
KK	49%	74%	32%	1.7%	5.7%
QQ	72%	72%	50%	1.7%	5.6%
JJ	74%	67%	45%	1.6%	5.3%
TT	72%	62%	44%	1.4%	4.8%
99-66	73%	40%	13%	3.8%	12.7%
55-22	43%	8%	1%	1.1%	3.6%

PAIRS: SB RFI (29.7%)



[BACK TO
MAIN INDEX](#)



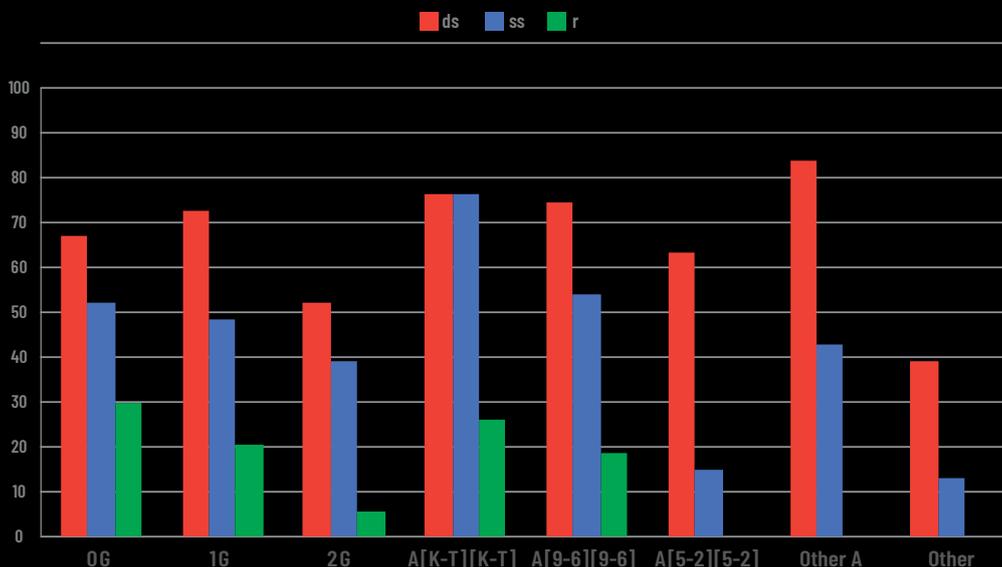
[BACK TO
SECTION INDEX](#)

PREFLOP RANGES BY HAND CLASS

NON-PAIRS: SB RFI (29.7%)

	ds	ss	r	% Dealt	% of RFI
0g	67%	52%	30%	0.5%	0.2%
1g	72%	48%	19%	1.2%	4.5%
2g	51%	39%	5%	0.8%	2.8%
A[K-T][K-T]	77%	77%	25%	3.0%	10.0%
A[9-6][9-6]	74%	54%	18%	2.3%	7.8%
A[5-2][5-2]	64%	15%	0%	0.9%	3.0%
Other A	84%	42%	0%	2.3%	8.1%
Other	39%	13%	0%	5.4%	19.0%

NON-PAIRS: SB RFI (29.7%)



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SOLVER PREFLOP.**

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ULTIMATE PREFLOP ENGINE

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