Episode 310: One of the most polarizing flop spots in deep stack NL

25/50/100 20K EFF
We BTN open 89hh to $300, STR defends(675)
Flop Ac 2c Kh, he X, we cbet $700, he calls(2075)
Turn 9d, he X, we $2500, he calls(7075)
River 5h he X, we give up…..
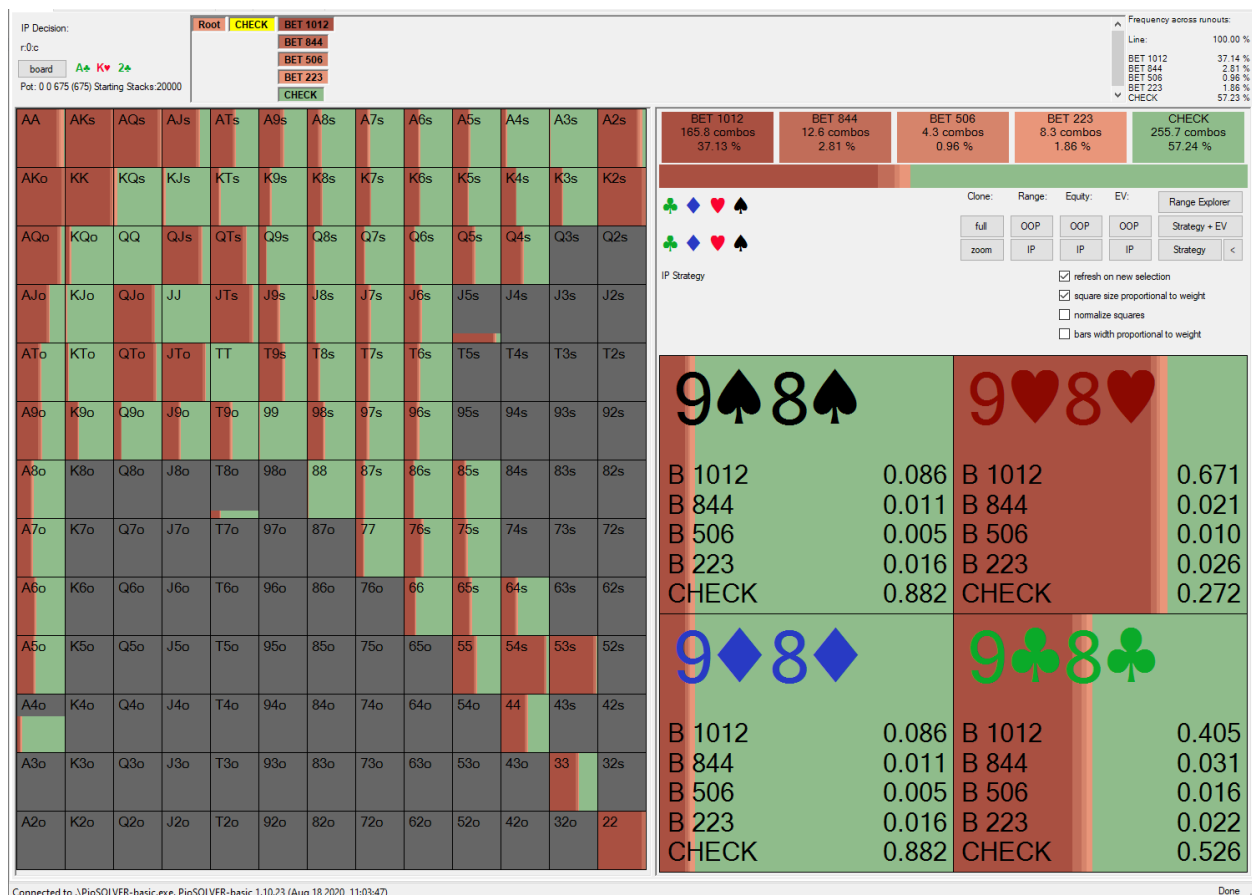
Talking about the AK2 board BTN v BB
- Big adv in top end of range
    - More Sets and 2ps
- Marginals less incentivized to bet for the larger sizing
    - Weak Ax, Kx, underpair QQ-33
- Classic sizing goes up and freq goes down scenario

- One of the nuanced flops where large sizing/overbets even is exclusively used
- Flop cbet EVs generally run close when comparing sizings
    - So the EV loss/gained in your sizings isnt as big on the flop, but on later streets way more important

- Reasons to not employ range cbet ⅓ on this board
    - Small sizing allows them to peel anything with 1 pair, and they really just fold the bottom of their range J5, some underpairs
    - Larger sizing, more fold EQ, more efficient with our bluffs as well
        - Cleaning up anything with decent EQ to fold
        - With larger sizings/overbets folding GS, some Kx some 8x , mainly getting BETTER to fold
        - Giving them a "free shot" with parts of their range that has some decent EQ that can potentially outdraw us

- AK2 AK8 type polar strategy, AKT J Q bw card is different strategy
    - Not only we still do well top of range, deeper in range now (marginals doing better now as well)
        - KQ JT QQ JJ all have SD eq on top of their pairs
    - Doing better throughout ranges more so now esp with marginals leads us to cbetting more liberally therefore less polar so smaller sizings will be incorporated and freq will definitely much much more on these boards

Flop Strategy Ac Kh 2c

- 57% check, exclusively preferring an overbet 1.5x if we choose to cbet 37% of the time
    - Sets, 2p, Good Ax
    - Very linear with our Ax hands for value
        - Blocking the calling range for large sizings
        - You see AA have small block sizing due to that
        - But KK always full freq overbet due to unblocking Ax calls
    - Natural bluffs are club FDs and GS on this board QJ QT JT, this board has wheel so 45 35s
        - Unintuitive bluffs will be lower pockets pairs: 33 44 55 cbet to get better hands to fold, like Kx
- Discussing BD heart combos:
    - Natural ones with GS QJhh QThh JThh 54hh 35hh
        - Reach now with J9hh T9hh T8hh our combo 89hh, and then 65hh 64hh (covering low board)

- Hand unblocks some folds better than our hand like random Qhigh J T hands (Q7 J5 T6)
  - Will barrel aggressively when straightening card come in on either side

To near pot cbet sizing for OOP strategy: folding 57% calling 31%

To 1.5x pot cbet sizing for OOP strategy: folding 67% calling 31%

- Some notable folds:
    - Folding way more Kx now, even weakest Ax have partial folds now
    - Their GS start folding at much higher freq
        - So straightening cards will greatly be better our range than theirs

Turn Strategy if we GTO 1.5x pot flop strategy: checking 52%, betting 1.25x 42%

AA	AKs	AQs	AJs	ATs	A9s	A8s	A7s	A6s	A5s	A4s	A3s	A2s
AKo	KK	KQs	KJs	KTs	K9s	K8s	K7s	K6s	K5s	K4s	K3s	K2s
AQo	KQo	QQ	QJs	QTs	Q9s	Q8s	Q7s	Q6s	Q5s	Q4s	Q3s	Q2s
AJo	KJo	QJo	JJ	JTs	J9s	J8s	J7s	J6s	J5s	J4s	J3s	J2s
ATo	KTo	QTo	JTo	TT	T9s	T8s	T7s	T6s	T5s	T4s	T3s	T2s
A9o	K9o	Q9o	J9o	T9o	99	98s	97s	96s	95s	94s	93s	92s
A8o	K8o	Q8o	J8o	T8o	98o	88	87s	86s	85s	84s	83s	82s
A7o	K7o	Q7o	J7o	T7o	97o	87o	77	76s	75s	74s	73s	72s
A6o	K6o	Q6o	J6o	T6o	96o	86o	76o	66	65s	64s	63s	62s
A5o	K5o	Q5o	J5o	T5o	95o	85o	75o	65o	55	54s	53s	52s
A4o	K4o	Q4o	J4o	T4o	94o	84o	74o	64o	54o	44	43s	42s
A3o	K3o	Q3o	J3o	T3o	93o	83o	73o	63o	53o	43o	33	32s
A2o	K2o	Q2o	J2o	T2o	92o	82o	72o	62o	52o	42o	32o	22

- Polar flop scenario, will generally be a polar scenario OTT
- Fairly linear with value as on the flop, continue with sets, 2p and good Ax
  - Still barrelling the natural bluffs QJ QT JT 45 53
- Arriving OTT here from an overbet OOPs range is very Ax Kx heavy now (~59% of range)
  - Reasonable combos i have seen in solvers when turn barreling:
    - You want to block a snap call OTT from opponent mainly blocking turned 2 pairs or sets
    - So this instance anything with a 9 in your hand to block their A9 K9 continues will be reasonable bluffs now +
      - 89s does barrel this turn but heart version mainly checks after overbet, due to probably blocking auto folds from their bd heart combos that wiff now
      - But 89ss pure continues and 89cc obv still has a FD
      - Next layer is blocking their heavy Ax Kx calls so having a Q or J in your hand to block AQ AJ KQ KJ are reasonable

- So Q9 J9 are the next layers of 9x that are the best candidates to start barreling
  - Q9 J9o with a club also to bluff flushing rivers
- BW turn card expect much higher barrelling freq for IP
  - OOP cannot have all the GS like we do, as they piece off quite a few of them to an overbet OTF, therefore those turn cards just do much better overall for us range wise (nut straights, good 2P)

OOP Strategy to 1.25x bet OTT

AA	AKs	AQs	AJs	ATs	A9s	A8s	A7s	A6s	A5s	A4s	A3s	A2s
			R 8098 0.003 CALL 0.691 FOLD 0.306	R 8098 0.002 CALL 0.302 FOLD 0.696	R 8098 0.387 CALL 0.613 FOLD 0.000	R 8098 0.008 CALL 0.419 FOLD 0.573	R 8098 0.008 CALL 0.519 FOLD 0.473	R 8098 0.006 CALL 0.760 FOLD 0.234		R 8098 0.006 CALL 0.651 FOLD 0.343	R 8098 0.006 CALL 0.644 FOLD 0.351	R 8098 0.025 CALL 0.975 FOLD 0.000
AKo	**KK**	KQs	KJs	KTs	K9s	K8s	K7s	K6s	K5s	K4s	K3s	K2s
		R 8098 0.006 CALL 0.330 FOLD 0.664	R 8098 0.001 CALL 0.336 FOLD 0.664	R 8098 0.001 CALL 0.335 FOLD 0.664	R 8098 0.216 CALL 0.784 FOLD 0.000	R 8098 0.005 CALL 0.335 FOLD 0.661	R 8098 0.005 CALL 0.334 FOLD 0.661	R 8098 0.005 CALL 0.334 FOLD 0.661	R 8098 0.032 CALL 0.304 FOLD 0.664	R 8098 0.005 CALL 0.333 FOLD 0.663	R 8098 0.005 CALL 0.333 FOLD 0.662	R 8098 0.020 CALL 0.980 FOLD 0.000
AQo	**KQo**	**QQ**	QJs	QTs	Q9s	Q8s	Q7s	Q6s	Q5s	Q4s	Q3s	Q2s
R 8098 0.001 CALL 0.997 FOLD 0.002	R 8098 0.007 CALL 0.005 FOLD 0.988		R 8098 0.001 CALL 0.250 FOLD 0.750		R 8098 0.001 CALL 0.333 FOLD 0.666	R 8098 0.001 CALL 0.001 FOLD 0.998	R 8098 0.001 CALL 0.001 FOLD 0.998	R 8098 0.001 CALL 0.001 FOLD 0.998	R 8098 0.001 CALL 0.001 FOLD 0.999	R 8098 0.001 CALL 0.001 FOLD 0.998	R 8098 0.001 CALL 0.001 FOLD 0.998	R 8098 0.001 CALL 0.000 FOLD 0.999
AJo	**KJo**	**QJo**	**JJ**	JTs	J9s	J8s	J7s	J6s	J5s	J4s	J3s	J2s
R 8098 0.018 CALL 0.778 FOLD 0.204	R 8098 0.004 CALL 0.005 FOLD 0.991	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.000 CALL 0.000 FOLD 0.999		R 8098 0.001 CALL 0.333 FOLD 0.666	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.998
ATo	**KTo**	**QTo**	**JTo**	**TT**	T9s	T8s	T7s	T6s	T5s	T4s	T3s	T2s
R 8098 0.022 CALL 0.432 FOLD 0.546	R 8098 0.004 CALL 0.004 FOLD 0.992	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.000 CALL 0.000 FOLD 0.999		R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999
A9o	**K9o**	**Q9o**	**J9o**	**T9o**	**99**	98s	97s	96s	95s	94s	93s	92s
R 8098 0.235 CALL 0.765 FOLD 0.000	R 8098 0.076 CALL 0.924 FOLD 0.000	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.998 CALL 0.002 FOLD 0.000	R 8098 0.001 CALL 0.333 FOLD 0.666	R 8098 0.001 CALL 0.333 FOLD 0.666	R 8098 0.001 CALL 0.333 FOLD 0.666	R 8098 0.001 CALL 0.333 FOLD 0.666	R 8098 0.001 CALL 0.333 FOLD 0.666	R 8098 0.001 CALL 0.333 FOLD 0.666	R 8098 0.003 CALL 0.997 FOLD 0.000
A8o	**K8o**	**Q8o**	**J8o**	**T8o**	**98o**	**88**	87s	86s	85s	84s	83s	82s
R 8098 0.025 CALL 0.361 FOLD 0.614	R 8098 0.019 CALL 0.005 FOLD 0.976	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999		
A7o	**K7o**	**Q7o**	**J7o**	**T7o**	**97o**	**87o**	**77**	76s	75s	74s	73s	72s
R 8098 0.023 CALL 0.472 FOLD 0.505	R 8098 0.016 CALL 0.005 FOLD 0.980				R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	
A6o	**K6o**	**Q6o**	**J6o**	**T6o**	**96o**	**86o**	**76o**	**66**	65s	64s	63s	62s
R 8098 0.023 CALL 0.579 FOLD 0.398	R 8098 0.016 CALL 0.004 FOLD 0.979					R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.003 CALL 0.000 FOLD 0.997
A5o	**K5o**	**Q5o**	**J5o**	**T5o**	**95o**	**85o**	**75o**	**65o**	**55**	54s	53s	52s
R 8098 0.012 CALL 0.448 FOLD 0.540								R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999		R 8098 0.220 CALL 0.028 FOLD 0.751	R 8098 0.002 CALL 0.000 FOLD 0.998
A4o	**K4o**	**Q4o**	**J4o**	**T4o**	**94o**	**84o**	**74o**	**64o**	**54o**	**44**	43s	42s
R 8098 0.008 CALL 0.540 FOLD 0.452									R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.244 CALL 0.006 FOLD 0.750	R 8098 0.003 CALL 0.000 FOLD 0.997
A3o	**K3o**	**Q3o**	**J3o**	**T3o**	**93o**	**83o**	**73o**	**63o**	**53o**	**43o**	**33**	32s
R 8098 0.008 CALL 0.545 FOLD 0.447											R 8098 0.001 CALL 0.000 FOLD 0.999	R 8098 0.003 CALL 0.000 FOLD 0.997
A2o	**K2o**	**Q2o**	**J2o**	**T2o**	**92o**	**82o**	**72o**	**62o**	**52o**	**42o**	**32o**	**22**
R 8098 0.035 CALL 0.965 FOLD 0.000												R 8098 0.828 CALL 0.172 FOLD 0.000

- Folding all Kx basically with the pair+Fd combo
- Ax start piecing off as well, hand as strong as ATo starts folding (due to blocking some more bluffs from IP like QT JT)

River Strategy Ac Kh 2c 9d 5h: allin for 1.65x pot @ 39% freq, checking 54%

- Value now is basically 2P+ for value
  - Checking any single Ax type hand
- Some low freq jamming with QT and QJ
- As played for overbet flop and turn, 9x combos in our range are actually the prime candidates for bluffing the river
  - 98s 97s 96s non-club (T8s T7s T6s also if we somehow manage to bluff them to get here)
    - Shows blocking the 2P auto calls by OOP is so important when we narrow their calling range
    - That logic 45s 53s non club are also prime hands to due blocking A5 K5 (K5 is even folded to an overbet by OOP)
      -

OOP Strategy to 1.65x all in strategy

AA	AKs	AQs	AJs CALL 0.007 FOLD 0.993	ATs CALL 0.002 FOLD 0.998	A9s CALL 0.999 FOLD 0.001	A8s CALL 0.450 FOLD 0.550	A7s CALL 0.371 FOLD 0.629	A6s CALL 0.335 FOLD 0.665	A5s	A4s CALL 0.287 FOLD 0.713	A3s CALL 0.290 FOLD 0.710	A2s CALL 0.999 FOLD 0.001
AKo	KK	KQs CALL 0.002 FOLD 0.998	KJs CALL 0.002 FOLD 0.998	KTs CALL 0.001 FOLD 0.999	K9s CALL 0.541 FOLD 0.459	K8s CALL 0.003 FOLD 0.997	K7s CALL 0.003 FOLD 0.997	K6s CALL 0.003 FOLD 0.997	K5s CALL 0.003 FOLD 0.997	K4s CALL 0.002 FOLD 0.998	K3s CALL 0.002 FOLD 0.998	K2s CALL 0.995 FOLD 0.005
AQo CALL 0.131 FOLD 0.869	KQo CALL 0.002 FOLD 0.998	QQ	QJs CALL 0.000 FOLD 1.000	QTs	Q9s CALL 0.001 FOLD 0.999	Q8s CALL 0.000 FOLD 1.000	Q7s CALL 0.000 FOLD 1.000	Q6s CALL 0.000 FOLD 1.000	Q5s CALL 0.000 FOLD 1.000	Q4s CALL 0.000 FOLD 1.000	Q3s CALL 0.000 FOLD 1.000	Q2s CALL 0.000 FOLD 1.000
AJo CALL 0.124 FOLD 0.876	KJo CALL 0.002 FOLD 0.998	QJo CALL 0.000 FOLD 1.000	JJ CALL 0.000 FOLD 1.000	JTs	J9s CALL 0.000 FOLD 1.000	J8s CALL 0.000 FOLD 1.000	J7s CALL 0.000 FOLD 1.000	J6s CALL 0.000 FOLD 1.000	J5s CALL 0.000 FOLD 1.000	J4s CALL 0.000 FOLD 1.000	J3s CALL 0.000 FOLD 1.000	J2s CALL 0.000 FOLD 1.000
ATo CALL 0.109 FOLD 0.891	KTo CALL 0.001 FOLD 0.999	QTo CALL 0.000 FOLD 1.000	JTo CALL 0.000 FOLD 1.000	TT CALL 0.000 FOLD 1.000	T9s	T8s CALL 0.000 FOLD 1.000	T7s CALL 0.000 FOLD 1.000	T6s CALL 0.000 FOLD 1.000	T5s CALL 0.000 FOLD 1.000	T4s CALL 0.000 FOLD 1.000	T3s CALL 0.000 FOLD 1.000	T2s CALL 0.000 FOLD 1.000
A9o CALL 0.999 FOLD 0.001	K9o CALL 0.461 FOLD 0.539	Q9o CALL 0.001 FOLD 0.999	J9o CALL 0.000 FOLD 1.000	T9o CALL 0.000 FOLD 1.000	99 CALL 1.000 FOLD 0.000	98s CALL 0.000 FOLD 1.000	97s CALL 0.000 FOLD 1.000	96s CALL 0.000 FOLD 1.000	95s CALL 0.001 FOLD 0.999	94s CALL 0.000 FOLD 1.000	93s CALL 0.000 FOLD 1.000	92s CALL 0.001 FOLD 0.999
A8o CALL 0.376 FOLD 0.624	K8o CALL 0.003 FOLD 0.997	Q8o CALL 0.000 FOLD 1.000	J8o CALL 0.000 FOLD 1.000	T8o CALL 0.000 FOLD 1.000	98o CALL 0.000 FOLD 1.000	88 CALL 0.000 FOLD 1.000	87s CALL 0.000 FOLD 1.000	86s CALL 0.000 FOLD 1.000	85s CALL 0.000 FOLD 1.000	84s CALL 0.000 FOLD 1.000	83s	82s
A7o CALL 0.288 FOLD 0.712	K7o CALL 0.003 FOLD 0.997	Q7o	J7o	T7o	97o CALL 0.000 FOLD 1.000	87o CALL 0.000 FOLD 1.000	77 CALL 0.000 FOLD 1.000	76s CALL 0.000 FOLD 1.000	75s CALL 0.000 FOLD 1.000	74s CALL 0.000 FOLD 1.000	73s CALL 0.000 FOLD 1.000	72s
A6o CALL 0.287 FOLD 0.713	K6o CALL 0.003 FOLD 0.997	Q6o	J6o	T6o	96o	86o CALL 0.000 FOLD 1.000	76o CALL 0.000 FOLD 1.000	66 CALL 0.000 FOLD 1.000	65s CALL 0.000 FOLD 1.000	64s CALL 0.000 FOLD 1.000	63s CALL 0.000 FOLD 1.000	62s CALL 0.000 FOLD 1.000
A5o CALL 0.643 FOLD 0.357	K5o	Q5o	J5o	T5o	95o	85o	75o	65o CALL 0.000 FOLD 1.000	55 CALL 1.000 FOLD 0.000	54s	53s CALL 0.000 FOLD 1.000	52s CALL 0.001 FOLD 0.999
A4o CALL 0.348 FOLD 0.652	K4o	Q4o	J4o	T4o	94o	84o	74o	64o	54o CALL 0.000 FOLD 1.000	44 CALL 0.000 FOLD 1.000	43s CALL 1.000 FOLD 0.000	42s CALL 0.000 FOLD 1.000
A3o CALL 0.347 FOLD 0.653	K3o	Q3o	J3o	T3o	93o	83o	73o	63o	53o	43o	33 CALL 0.000 FOLD 1.000	32s CALL 0.000 FOLD 1.000
A2o CALL 0.999 FOLD 0.001	K2o	Q2o	J2o	T2o	92o	82o	72o	62o	52o	42o	32o	22 CALL 1.000 FOLD 0.000

- OOP call more often with A8 A7 A6 A4 A3 rather than AQ AJ AT which are pretty much pure folds otr
  - Narrow dance in trying to block IP value and unblock his bluffs here
    - Ax is prob one of the best candidates to block value: AA AK A9 A2
      - Which combos unblock bluffs the best
        - Think IP is bluffing more combos of OS QTo JTo along with QTs JTs MORE than the combos of 78s 97 76s T8s T7s (OS combos bluffs > suited)
    - A3 A4 prob best ones to bluff catch due to blocking 34 wheel straight + blocking Ax top end value
    - Therefore having BW cards in your hand to block value is less relevant here since IP not shoving AQ AJ AT for value here