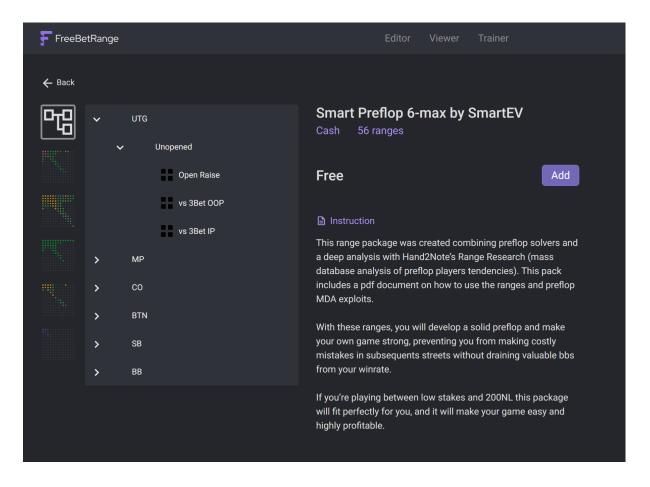
# Smart Preflop Ranges For 6-max Holdem

by Ignacio Kignard, professional poker player and SmartEV founder.

Hello! My preflop ranges package was created combining preflop solvers and deep research with Hand2Note's Range Research (mass database analysis of preflop players tendencies).

With these ranges, you will develop a solid preflop and make your own game strong, preventing you from making costly mistakes in subsequents streets without draining valuable bbs from your winrate. If you're playing between lowstakes and 200NL, this package fits perfectly for you, and it will make your game easy and highly profitable.

You can get Smart preflop charts for free in the <u>Freebetrange</u> app. You just need to sign in and add my package from the Library.



The package includes 56 preflop charts (Squeeze and Cold 4Bet ranges included).

#### Instructions

1. Please note that these preflop ranges were carefully constructed and designed from equilibrium and then adjusted to real metagames, finding preflop leaks and trends from a large database using Hand2Note's Range Research. So there will be some charts that could be either tight or loose based on what's actually happening at the tables.

2. Isolation Raise over limpers ranges are not included, because they are almost the same as Open Raise ranges. Whenever you face a limp, play with the same ranges as open raiser by default, and adapt more or less folds based on recreational player tendencies and players in next positions.

3. There are some hands in specific charts that are coloured in light-blue, the EV of those hands are very different and it changes drastically depending on the villain's profile, so acknowledging this, study specific combos first to respond in the best way.

4. Last and least, remember that preflop ranges are a very useful tool when playing and studying your game, but keep in mind that they are also starting points. The maximum EV you will earn at the tables will be by recognizing trends of your metagame and based on villain's stats (in case you have them). That being said, you have to adjust your plays according to what is happening in specific situations.

## Adjustments

1. Population vs GTO Comparison vs RFI (Raise first in)

Range Research	REPORT	RESU	JLT								
Q Search	vs RFI										
+ NEW FOLDER	Popula	tio	n vs	: G1	<b>ГО (</b>	Con	npar	isc	on		
🗠 🖿 General [All Popups]											
Aggro Fish WWSF > 50	PREFLOP	С	all	3Bet		Fold	vs 4Bet	Call v	/s 4Bet	5	Bet
All Fish VPIP > 30	MP vs EP	2.2		7	7.9	50	48.1	37	25	32	21.2
All Regs winrate > 5		2.2		· ·						02	
All Regs	CO vs EP	3		8	8.4	48	48.1		25		20.6
Regs WWSF < 45	CO vs MP	2.7		9	10	50	44.7	34	32.3	34	18.1
Preflop	BTN vs EP	5	4.1	8	7.8	49	49.1	35	21.9	15	21.8
	BTN vs MP	5	3.1	9	9.6	50	46.9		26.6		19.9
Open Raise	BTN vs CO	4	2.1	12	12.8	52	50.2	31	25.1	17	24.7
vs RFI [GTO Comparison]	SB vs EP	4	1.6	6	6.9	46	41.9	27	21.5	22	24
vs RFI	SB vs MP	3	2.1		8.2	48	41.7		21.9		26.1
[3Bet Caller]	SB vs CO	2.6	0.8	10	10.6	54	47.5	22	15.9	24	27.7
[3Bettor]	SB vs BTN	2.2	0.5	14	15	55	52.3	21	12.3	23	35.5
[4Bet Caller]	BB vs EP	22	18.4	4	5.7	33	43.7	21	18.7	22	29.9
[4BetPots]	BB vs LF BB vs MP	22	19.7	5	7.1	36	47.9		14.1		38
[Cold4Bettor]	BB vs CO	24	21.9		9.2	45	55.9		6.1		37.9
	BB vs BTN	29	25.8	11	13.9	48	48.5		20.1		31.4
[ColdCall]	BB vs SB	36	35.2	15	17.2	50	46.1	28	29.2	22	24.7
[ISO]	=	GTO									
[Limp]	Frecuencies take		STO Wize	ard NI 50	) Genera	al 2 5x 1(	10hh starl	keff			
[Squeezor]	recuencies take		510 11/20		Joenera	n 2.0X T	Jobb Staci				
[vs Cold4Bet]	NL50 RAKE	NLS	500 RAKE								
[vs ISO]											
[vs Squeeze]											

This report shows a comparison between population and GTO frequencies vs an open raise. This report has filtered only regular players in a large database (+30M HH) and the numbers colored in yellow are GTO/equilibrium frequencies taken from GTO Wizard [NL50 Rake] There is some useful information here indicated in the red square.

Average regs are 3Betting less in BB than in SB when they're OOP (that means, excluding BB vs SB scenarios) and naturally they fold less to 4Bets than in SB. Acknowledging this, our IP response as raisers will adapt when we face a 3Bet either from SB or BB, (4Betting less vs BB). Also, the population 3Bets way less in blinds vs early positions.

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# 2. Population tends to 4Bet more (but not enough) when they're OOP than IP

This trend is well known but most regs don't adapt properly. Let's explore how population plays preflop as raiser vs 3Bets:

Range Research	REPORT	RESU	ц		
<b>Q</b> Search	GENERAL	OPEN R	AISE vs O	PEN RAISE	ISO
+ NEW FOLDER	AS RAISE	R			
<ul> <li>General [All Popups]</li> <li>Aggro Fish WWSF &gt; 50</li> </ul>	[NL 50 R/	<b>akej</b> (N	L500 RAKE]		
All Fish VPIP > 30 All Regs winrate > 5	EP	MP C	O BTN	SB	
All Regs Regs WWSF < 45	EP RFI 18 17.6	Call 3B Call 5B	Fold vs 3B Fold vs 5B	4Bet 4Bet R	
<ul> <li>Preflop</li> <li>[3Bet Caller]</li> </ul>	vs MP	<b>33</b> 13.2 <b>57</b> 48.2	51 62.9 38 51.8	16 19.4 2.8 3.43	
[3Bettor] [4Bet Caller]	vs CO	34 12.2 53 48.9	4961.94351.1	17 22.3 3 3.94	
[4BetPots]	vs BTN	35 16 56 49.3	48         58.2           38         50.7	<b>18</b> 23.5 <b>3</b> 4.14	
[Cold4Bettor] [ColdCall]	vs SB	44 17.5 67 53.3	44 65 27 46.7	12 14.1 2.1 2.41	
[ISO] [Limp]	vs BB	<b>47</b> 20 <b>68</b> 51.2	4264.42148.8	10 11.7 1.8 2.06	
[Squeezor]					

If we look at the report, EP OOP has an average of 17 4Bet value, and way less IP.

Range Research	REPORT	RESULT			Range Research	REPORT	RESUL	r	
Q Search	GENERAL	OPEN RAIS	SE VS OP	EN RAISE	Q Search	GENERAL	OPEN RA	ISE vs OP	EN RAISE IS
+ NEW FOLDER	AS RAISER	_			+ NEW FOLDER	AS RAISEF	1		
General [All Popups] Aggro Fish WWSF > 50 All Fish VPIP > 30 All Ress winrate > 5		ир со	DO RAKE] BTN		∽ ■ General (All Popups) Aggro Fish WWSF > 50 All Fish VPIP > 30	[NL 50 RA		500 RAKE] BTN	SB
All Regs	20 21.2	Call 3B Call 5B	Fold vs 3B Fold vs 5B	4Bet 4Bet R	All Regs winrate > 5	CO RFI			
Regs WWSF < 45 V In Preflop [3Bet Caller]	vs CO	<b>31</b> 10.3 <b>53</b> 47.8	52 65.2 43 52.2	17 24.4 3 4.49	All Regs Regs WWSF < 45	27 28.2	Call 3B Call 5B	Fold vs 3B Fold vs 5B	4Bet 4Bet R
[3Bettor]	vs BTN	32 12.5 51 48.3	50 61.5 45 51.7	18 26 4 5.16	<ul> <li>Preflop</li> <li>[3Bet Caller]</li> </ul>	vs BTN	<b>29</b> 14.4 <b>50</b> 49.4	53 62 47 50.6	18 23.6 5 6.65
[4Bet Caller] [4BetPots]	vs SB	41 11.7 62 54.7	47 69.6 32 45.3	12 16.2 2.4 3.43	[3Bettor] [4Bet Caller]	vs SB	<b>37</b> 10.4 <b>60</b> 56.2	<b>50</b> 70.9 <b>37</b> 43.8	13 18.8 3 5.30
[Cold4Bettor] [ColdCall]	vs BB	44 18.6 68 53.8	<b>46</b> 66.3 <b>24</b> 46.2	10 12.8 2 2.72	[4BetPots]	vs BB	38 15.7 66 57.9	<b>52</b> 68.6 <b>28</b> 42.1	10 15.27 2.7 4.43
[ISO]					[Cold4Bettor]				

Same story for MP and CO. The most attacked position is BTN with an average value of 18.

Naturally, we expect more folds to 5Bet OOP than IP (light green stats).

#### 3. BTN Play vs OOP

BTN strategy is mainly 3Bet and mixing with some cold call combos. You can adapt these combos against aggressive players or players that 4Bets a lot in case you have enough samples of stats. Be careful of squeezes from the blinds!

Let's take a look at BTN vs UTG [GTO Strategy]:

AA		AKs		AQs		AJs		ATs		A9s		A8s		A7s		A6s		A5s		A4s		A3s		A2s	
	15.74		2.78		0.78		0.37		0.1		0		0		0		0		<b>0</b> .03		0.02		0.01		0
AKo		KK		<mark>K</mark> Qs		KJs		KTs		K9s		K8s		K7s		K6s		K5s		K4s		K3s		K2s	
	1.81		8.26		0.32		0.21		0.06		0		0		0		0		0		0		0		0
AQo		KQo		QQ		QJs		QTs		Q9s		Q8s		Q7s		Q6s		Q5s		Q4s		Q3s		Q2s	
	0.09		0		2.93		0.04		0.01		0		0		0		0		0		0		0		0
AJo		KJo		QJo		JJ		JTs		J9s		J8s		J7s		J6s		J5s		J4s		J3s		J2s	
	0		0		0		0.84		0		0		0		0		0		0		0		0		0
ATo		КТо		QTo		JTo		TT		T9s		T8s		T7s		T6s		T5s		T4s		T3s		T2s	
	0		0		0		0		0.28		0		0		0		0		0		0		0		0
A9o		K9o		Q9o		J9o		Т9о		99		<mark>9</mark> 8s		97s		96s		95s		94s		93s		92s	
	0		0		0		0		0		0.06		0		0		0		0		0		0		0
A80		K80		Q80		J80		T80		980		88		87s		86s		85s		84s		83s		82s	
	0		0		0		0		0		0		0		0		0		0		0		0		0
A7o		K7o		Q7o		J7o		T7o		970		87o		77		76s		75s		74s		73s		72s	
	0		0		0		0		0		0		0		0		0		0		0		0		0
A60		K6o		Q60		J6o		T60		960		860		760		66		65s		64s		63s		62s	
	0		0		0		0		0		0		0		0		0		0		0		0		0
A5o		K5o		Q5o		J5o		T50		950		850		750		650		55		54s		53s		52s	
	0		0		0		0		0		0		0		0		0		0		0		0		0
A4o		K4o		Q4o		J4o		T4o		940		84o		74o		640		540		44		43s		42s	
	0		0		0		0		0		0		0		0		0		0		0		0		0
A3o		КЗо		Q3o		J3o		ТЗо		930		830		730		630		530		430		33		32s	
	0		0		0		0		0		0		0		0		0		0		0		0		0
A2o		K2o		Q2o		J2o		T2o		920		820		720		620		520		42o		320		22	
	0		0		0		0		0		0		0		0		0		0		0		0		0

Allin 100		Raise 7.5	
0%	0 combos	7.8%	103.59 combos
Call		Fold	
4.1%	54.67 combos	88.1%	1167.71 combos

As you can see, some combos have mixed strategy: pockets 88-TT and broadways suited, they are indifferent about 3Bet or call. You can adapt those combos either with a randomizer or adapting to different profiles, or even it's okay if you prefer to play only a 3bet or fold strategy.

We simplify the ranges as the following:

AA	AKs	AQs	AJs	ATs	A9s				A5s	A4s			
АКо	КК	KQs	KJs	KTs									
AQo		QQ	QJs	QTs									
AJo			JJ	JTs									
				Π	T9s								
					99								
						88	87s						
							77	76s					
								66	65s				
\$	۵	B	●			8 G			11	.0% 1	45.76	/ 1326	
	3Bet				6.5%	5% 86.76 / 1326							
	Call/Fo	old Pre	flop		4.4%	6	5	9 / 132	26				

#### 4. Stacking Preflop

In specific spots, you have to be careful on stacking preflop with special premium combos, let's see some examples. There are some hands that change their winrate abysmally depending on the villain's tendencies, because there are many regs that only stack preflop in early positions only with KK and AA.

Let's suppose we're in the CO position. MP open raises, CO (Hero) 3Bets and MP 4Bets. This is how we react to this 4Bet:

AA	AKs	AQs	AJs	ATs	A9s	A8s	A7s	A6s	A5s	A4s	A3s	A2s
АКо	КК	KQs	KJs									
AQo		QQ										
AJo			JJ									
АТо				Π								
A9o					99							
A80						88						
A7o												
A60												
A5o												
A4o												
A3o												
A2o												
\$		B	●			78 C				4.7	% 62	/ 1326
	5Bet A	LL IN			2.1%	, D	27.4	4 / 132	26			
	Call				2.6%	, D	34.	6 / 132	26			

QQ vs a 4Bet from MP it's a little bit complex to determine the best move between call and 5Bet. In case you don't know your opponent or don't have statistics, play this hand with a mixed strategy (50% call, 50% 5Bet).

## Hand2Note Range Research Reports

**38** 15.7 **66** 57.9

vs BB

**52** 68.6 **28** 42.1

3 5.30

10 15.27 2.7 4.43

AS RAISE	ER							AS RAISE	R				
[NL 50 R	AKE]	[NL -	.500 RAK	(E]				[NL 50 R/	AKE]	[NL	500 RA	KE]	
EP	MP	co	) I	BTN	SB			EP	МР	со		BTN	SB
EP RFI	Ca	all 3B	Fold	vs 3B									
<b>18</b> 17.6		all 5B		vs 5B		Bet R	ſ	MP RFI	Ca	II 3B	Fold	l vs 3B	
		10.0		60.0		10.4		20 21.2		II 5B		vs 5B	4Be
vs MP		13.2 48.2	51 38	62.9 51.8		19.4 3.43							
								vs CO		10.3		65.2	17
vs CO		12.2 48.9	49 43	61.9 51.1	17 3	22.3 3.94			53	47.8	43	52.2	3
	25		48	58.2	18			vs BTN		12.5		61.5	18
vs BTN		49.3	38	50.2	3	4.14			51	48.3	45	51.7	4
		17.5	44	65		14.1		vs SB		11.7		69.6	
vs SB		53.3	27	46.7		2.41		V5 3D	62	54.7	32	45.3	2.4
	47	20	42	64.4		11.7		vs BB	44	18.6	46	66.3	
vs BB		51.2	21	48.8		2.06			68	53.8	24	46.2	2
AS RAISE	R							AS RAISE	R				
							-						
[NL 50 R	AKE]	[NL5	500 RAKE	E]				[NL 50 R	AKE]	[NL	500 RA	KE]	
EP	мр	со	R	TN	SB		-						
2.			— 0		05			EP	MP	co		BTN	SB
CO RFI	Ca	II 3B	Fold v	/s 3B									
27 28.2		ll 5B	Fold v			et R		BTN RF	1 (	Call 3B	Fo	ld vs 3B	
	20	14.4	52 4	-		22.6		43 42		Call 5B		ld vs 5B	
vs BTN		14.4 49.4	53 47			23.6 6.65							
		10.4		70.9		18.8		vs SB		2 10.7		8 73	
vs SB		56.2	37 4			5.30			5	2 59.3	4	5 40.7	5

4Bet R

24.4 4.49

26 5.16

16.2 3.43 4

12.8 2.72

4Bet R

11 13.2 5 5.54

10 12.3 4 5.17

32 17.159 58.3

vs BB

59 68.338 41.7

vs RFI

# **Population vs GTO Comparison**

PREFLOP	С	all	3Bet			Fold	vs 4Bet	Call	vs 4Bet	5	Bet	
MP vs EP	2.2		7	7.9		50	48.1	37	25	32	21.2	
CO vs EP	3		8	8.4		48	48.1	35	25	35	20.6	
CO vs MP	2.7		9	10		50	44.7	34	32.3	34	18.1	
BTN vs EP	5	4.1	8	7.8		49	49.1	35	21.9	15	21.8	
BTN vs MP	5	3.1	9	9.6		50	46.9	34	26.6	16	19.9	
BTN vs CO	4	2.1	12	12.8		52	50.2	31	25.1	17	24.7	
SB vs EP	4	1.6	6	6.9		46	41.9	27	21.5	22	24	
SB vs MP	3	2.1	7	8.2		48	41.7	25	21.9	24	26.1	
SB vs CO	2.6	0.8	10	10.6		54	47.5	22	15.9	24	27.7	
SB vs BTN	2.2	0.5	14	15		55	52.3	21	12.3	23	35.5	
BB vs EP	22	18.4	4	5.7		33	43.7	31	18.7	33	29.9	
BB vs MP	23	19.7	5	7.1		36	47.9	30	14.1	32	38	
BB vs CO	24	21.9	7	9.2		45	55.9	24	6.1	31	37.9	
BB vs BTN	29	25.8	11	13.9		48	48.5	25	20.1	27	31.4	
BB vs SB	36	35.2	15	17.2		50	46.1	28	29.2	22	24.7	
= G	то											
Frecuencies taken	from (	GTO Wiza	rd NL50	) Gener	al:	2.5x 10	)0bb stacl	k eff.				
NL50 RAKE	NL5	00 RAKE										

#### Conclusion

Once you study all these spots and adjustments, your preflop will be strong, simple and effective. Don't worry about "being exploited", the vast majority of the pool is not even aware of that.

You've also received the full images of Range Research Reports, so you can take a deeper look about population stats and compare them with equilibrium.

This preflop charts package was developed with preflop solvers and with <u>Smart Research</u> - a professional set of Popups for mass database analysis.

### Contacts

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