How to Use The Push/Call Charts

Introduction

The following are a collection of push/call charts that give optimal strategies for tournament play at short stack depths. Note that they DO NOT take ICM into consideration so should not be used (or at least used with caution) in late stage play. They also, obviously, do not account for the bubble factor. They also do not tell you how to play when the effective stack is more than 10BB.

What they will do is tell you the exact range that will be profitable to push when the effective stack is 10bb or less at tables of up to ten players when there are a decent number of players remaining in the tournament. They also give correct calling ranges against these pushes. Note that they are constructed on the basis that the opener only has a choice between shoving and folding. However, at these stack depths, with many opponents, it is unlikely that limping or minraising strategies will yield a better EV, except maybe when play is folded around to the button.

How the Charts are Constructed

The charts assume a ten-player table with blinds of 30-60 and an ante of 6. This means that there are 150 chips in the pot pre-flop (small blind 30 + big blind 60 + antes 60). This equates to a structure of 50-100 with no antes, but introducing the ante creates a more realistic tournament scenario. This is why, for example, the 10BB chart appears to have a big blind of 60 when the effective stack is 1,000. On the chart the "R" indicates the range that you can push with if play is folded to you. The "C" indicates the range that you can call with when the opener has pushed and play has been folded to you. So, in the very first chart:

10bb
R   994   UTG 8.7%, 88+ 66 ATs+ A5s-A3s AQo+ KTs+ QTs+
C   994   UTG+1 3.8%, TT+ AQs+ AKo

This shows you the UTG pushing range and also the UTG+1 calling range versus this push.

Using the Charts

To use the chart effectively do the following. Add up all the chips that are in the pot pre-flop in your game and find the number that is 2/3 of this total. For example, if you are at an eight-player table with blinds of 400-800 and an ante of 75 then there will be 400 + 800 + (8 x 75) = 1,800 chips in the pot pre-flop. This means that the effective big blind is 2/3 of this total, i.e. 1,200. If you have 6,000 chips then the effective stack for you is 5BB. So, you look up the 5BB chart.

Let's say you are sitting in MP3 (or hijack) position and play is folded around to you. The chart tells you to push with the following: 22+ Ax+ K5s+ KTo+ Q8s+ QTo+ J8s+ JTo T8s+ 97s+ 87s 76s. Another example: you are in the small blind. The short-stacked UTG+2 (which in your game will be the UTG player as there are only eight players at the table) pushes a 5BB stack and play is folded around to you. You can call with the following: 33+ A4s+ A9o+ KTs+ KQo QTs+.

Further study

For information on how to play with effective stack sizes greater than 10bb see the following:

MASTERING SMALL STAKES NO-LIMIT HOLD'EM
ADVANCED CONCEPTS IN NO-LIMIT HOLD'EM
SECRETS OF PROFESSIONAL TOURNAMENT POKER, VOLUME 1

Good luck!

10bb

R	**994**	**UTG**	**8.7%, 88+ 66 ATs+ A5s-A3s AQo+ KTs+ QTs+**
C	994	UTG+1	3.8%, TT+ AQs+ AKo
C	994	UTG+2	3.8%, TT+ AQs+ AKo
C	994	MP1	3.8%, TT+ AQs+ AKo
C	994	MP2	3.8%, TT+ AQs+ AKo
C	994	MP3	3.8%, TT+ AQs+ AKo
C	994	CO	4.1%, 99+ AQs+ AKo
C	994	BU	5.0%, 99+ AQs+ AQo+
C	964	SB	5.1%, 99+ AQs+ AQo+
C	934	BB	5.6%, 99+ AJs+ AQo+
R	**994**	**UTG+1**	**9.6%, 88+ 66 A9s+ A5s-A4s AQo+ KTs+ QTs+ JTs**
C	994	UTG+2	4.1%, 99+ AQs+ AKo
C	994	MP1	4.2%, 99+ AQs+ AKo
C	994	MP2	4.6%, 99+ AQs+ AKo
C	994	MP3	5.0%, 99+ AQs+ AQo+
C	994	CO	5.1%, 99+ AQs+ AQo+
C	994	BU	5.1%, 99+ AQs+ AQo+
C	964	SB	5.4%, 99+ AJs+ AQo+
C	934	BB	5.9%, 88+ AJs+ AQo+
R	**994**	**UTG+2**	**11.8%, 55+ A9s+ A5s AJo+ KTs+ KQo QTs+ JTs**
C	994	MP1	5.1%, 99+ AQs+ AQo+
C	994	MP2	5.6%, 88+ AQs+ AQo+
C	994	MP3	5.6%, 88+ AQs+ AQo+
C	994	CO	5.9%, 88+ AJs+ AQo+
C	994	BU	5.9%, 88+ AJs+ AQo+
C	964	SB	6.0%, 88+ AJs+ AQo+
C	934	BB	6.3%, 77+ AJs+ AQo+
R	**994**	**MP1**	**14.0%, 44+ A8s+ A5s AJo+ K9s+ KQo Q9s+ J9s+ T9s**
C	994	MP2	5.9%, 88+ AJs+ AQo+
C	994	MP3	5.9%, 88+ AJs+ AQo+
C	994	CO	6.3%, 77+ AJs+ AQo+
C	994	BU	6.7%, 77+ ATs+ AQo+
C	964	SB	7.8%, 77+ ATs+ AJo+ KQs
C	934	BB	8.3%, 66+ ATs+ AJo+ KQs
R	**994**	**MP2**	**16.4%, 33+ A7s+ A5s ATo+ K9s+ KJo+ Q9s+ J9s+ T9s**
C	994	MP3	7.5%, 77+ ATs+ AJo+
C	994	CO	7.6%, 77+ ATs+ AJo+
C	994	BU	8.2%, 66+ ATs+ AJo+ KQs
C	964	SB	8.3%, 66+ ATs+ AJo+ KQs
C	934	BB	10.0%, 55+ A9s+ ATo+ KQs
R	**994**	**MP3**	**20.8%, 22+ A2s+ A9o+ K9s+ KJo+ Q9s+ QJo J8s+ T8s+ 98s**
C	994	CO	9.3%, 66+ ATs+ ATo+ KQs
C	994	BU	10.0%, 55+ A9s+ ATo+ KQs
C	964	SB	11.4%, 55+ A8s+ ATo+ KJs+ KQo
C	934	BB	13.1%, 44+ A7s+ A9o+ KJs+ KQo
R	**994**	**CO**	**27.2%, 22+ A2s+ A7o+ A5o K7s+ KTo+ Q8s+ QTo+ J8s+ JTo T8s+ 98s 87s**
C	994	BU	12.4%, 55+ A8s+ A9o+ KJs+ KQo
C	964	SB	14.8%, 44+ A7s+ A5s A8o+ KTs+ KQo QJs
C	934	BB	17.8%, 33+ A3s+ A7o+ KTs+ KJo+ QJs
R	**994**	**BU**	**35.5%, 22+ Ax+ K4s+ K9o+ Q8s+ QTo+ J7s+ JTo T7s+ T9o 96s+ 86s+ 76s 65s**
C	964	SB	19.1%, 33+ A2s+ A7o+ K9s+ KJo+ QTs+
C	934	BB	24.3%, 22+ A2s+ A4o+ K9s+ KTo+ QTs+ QJo JTs
R	**994**	**SB**	**60.5%, 22+ Kx+ Q2s+ Q6o+ J3s+ J8o+ T4s+ T7o+ 95s+ 97o+ 84s+ 87o 74s+ 76o 63s+ 43s**
C	934	BB	37.3%, 22+ Ax+ K2s+ K5o+ Q7s+ Q9o+ J8s+ JTo T9s

9bb

R	**894**	**UTG**	**9.4%, 88+ 66 A9s+ A5s-A4s AQo+ KTs+ QTs+ JTs**
C	894	UTG+1	3.8%, TT+ AQs+ AKo
C	894	UTG+2	4.1%, 99+ AQs+ AKo
C	894	MP1	4.2%, 99+ AQs+ AKo
C	894	MP2	4.7%, 99+ AQs+ AQo+
C	894	MP3	5.1%, 99+ AQs+ AQo+
C	894	CO	5.1%, 99+ AQs+ AQo+
C	894	BU	5.1%, 99+ AQs+ AQo+
C	864	SB	5.4%, 99+ AJs+ AQo+
C	834	BB	5.9%, 88+ AJs+ AQo+
R	**894**	**UTG+1**	**10.9%, 55+ A9s+ A5s AJo+ KTs+ QTs+ JTs**
C	894	UTG+2	5.1%, 99+ AQs+ AQo+
C	894	MP1	5.1%, 99+ AQs+ AQo+
C	894	MP2	5.1%, 99+ AQs+ AQo+
C	894	MP3	5.6%, 88+ AQs+ AQo+
C	894	CO	5.6%, 88+ AQs+ AQo+
C	894	BU	5.6%, 88+ AQs+ AQo+
C	864	SB	5.9%, 88+ AJs+ AQo+
C	834	BB	6.3%, 77+ AJs+ AQo+
R	**894**	**UTG+2**	**12.6%, 44+ A9s+ A5s AJo+ K9s+ KQo QTs+ JTs T9s**
C	894	MP1	5.9%, 88+ AJs+ AQo+
C	894	MP2	5.9%, 88+ AJs+ AQo+
C	894	MP3	5.9%, 88+ AJs+ AQo+
C	894	CO	5.9%, 88+ AJs+ AQo+
C	894	BU	6.1%, 88+ AJs+ AQo+
C	864	SB	7.2%, 77+ ATs+ AJo+
C	834	BB	8.3%, 66+ ATs+ AJo+ KQs
R	**894**	**MP1**	**14.8%, 44+ A8s+ A5s ATo+ K9s+ KQo Q9s+ J9s+ T9s**
C	894	MP2	6.3%, 77+ AJs+ AQo+
C	894	MP3	7.2%, 77+ AJs+ AJo+
C	894	CO	7.5%, 77+ ATs+ AJo+
C	894	BU	7.5%, 77+ ATs+ AJo+
C	864	SB	8.3%, 66+ ATs+ AJo+ KQs
C	834	BB	9.2%, 66+ ATs+ ATo+ KQs
R	**894**	**MP2**	**18.3%, 33+ A3s+ ATo+ K9s+ KJo+ Q9s+ QJo J9s+ T9s 98s**
C	894	MP3	8.3%, 66+ ATs+ AJo+ KQs
C	894	CO	8.3%, 66+ ATs+ AJo+ KQs
C	894	BU	9.1%, 66+ ATs+ ATo+ KQs
C	864	SB	10.0%, 55+ A9s+ ATo+ KQs
C	834	BB	11.8%, 55+ A7s+ ATo+ KJs+ KQo
R	**894**	**MP3**	**22.2%, 22+ A2s+ A9o+ K8s+ KJo+ Q9s+ QJo J8s+ JTo T8s+ 98s 87s**
C	894	CO	10.3%, 55+ A9s+ ATo+ KJs+
C	894	BU	10.3%, 55+ A9s+ ATo+ KJs+
C	864	SB	12.8%, 44+ A8s+ A9o+ KJs+ KQo
C	834	BB	15.4%, 44+ A4s+ A8o+ KTs+ KQo QJs
R	**894**	**CO**	**29.7%, 22+ A2s+ A4o+ K7s+ KTo+ Q8s+ QTo+ J8s+ JTo T8s+ 97s+ 87s 76s**
C	894	BU	13.4%, 44+ A7s+ A9o+ KTs+ KQo
C	864	SB	16.9%, 33+ A4s+ A8o+ KTs+ KJo+ QJs
C	834	BB	20.4%, 22+ A2s+ A7o+ K9s+ KTo+ QTs+
R	**894**	**BU**	**36.7%, 22+ Ax+ K4s+ K9o+ Q6s+ QTo+ J7s+ JTo T7s+ T9o 96s+ 86s+ 75s+ 65s**
C	864	SB	21.4%, 33+ A2s+ A5o+ K9s+ KTo+ QTs+
C	834	BB	25.8%, 22+ A2s+ A3o+ K8s+ KTo+ Q9s+ QJo JTs
R	**894**	**SB**	**61.7%, 22+ Kx+ Q2s+ Q5o+ J2s+ J8o+ T4s+ T7o+ 95s+ 97o+ 84s+ 87o 74s+ 76o 63s+ 53s+ 43s**
C	834	BB	40.6%, 22+ Ax+ K2s+ K4o+ Q6s+ Q8o+ J8s+ J9o+ T8s+

8bb

R	**794**	**UTG**	**10.3%, 55+ A9s+ A5s AJo+ KTs+ QTs+ JTs**
C	794	UTG+1	5.0%, 99+ AQs+ AQo+
C	794	UTG+2	5.1%, 99+ AQs+ AQo+
C	794	MP1	5.1%, 99+ AQs+ AQo+
C	794	MP2	5.4%, 88+ AQs+ AQo+
C	794	MP3	5.6%, 88+ AQs+ AQo+
C	794	CO	5.6%, 88+ AQs+ AQo+
C	794	BU	5.6%, 88+ AQs+ AQo+
C	764	SB	5.9%, 88+ AJs+ AQo+
C	734	BB	6.3%, 77+ AJs+ AQo+
R	**794**	**UTG+1**	**12.1%, 55+ A9s+ A5s AJo+ K9s+ KQo QTs+ JTs**
C	794	UTG+2	5.9%, 88+ AJs+ AQo+
C	794	MP1	5.9%, 88+ AJs+ AQo+
C	794	MP2	5.9%, 88+ AJs+ AQo+
C	794	MP3	5.9%, 88+ AJs+ AQo+
C	794	CO	5.9%, 88+ AJs+ AQo+
C	794	BU	5.9%, 88+ AJs+ AQo+
C	764	SB	7.4%, 77+ ATs+ AJo+
C	734	BB	8.0%, 77+ ATs+ AJo+ KQs
R	**794**	**UTG+2**	**13.9%, 44+ A8s+ A5s AJo+ K9s+ KQo Q9s+ J9s+ T9s**
C	794	MP1	5.9%, 88+ AJs+ AQo+
C	794	MP2	6.3%, 77+ AJs+ AQo+
C	794	MP3	6.4%, 77+ AJs+ AQo+
C	794	CO	7.4%, 77+ ATs+ AJo+
C	794	BU	7.5%, 77+ ATs+ AJo+
C	764	SB	8.3%, 66+ ATs+ AJo+ KQs
C	734	BB	9.5%, 66+ A9s+ ATo+ KQs
R	**794**	**MP1**	**16.2%, 33+ A7s+ A5s-A4s ATo+ K9s+ KJo+ Q9s+ J9s+ T9s**
C	794	MP2	7.5%, 77+ ATs+ AJo+
C	794	MP3	7.6%, 77+ ATs+ AJo+
C	794	CO	8.3%, 66+ ATs+ AJo+ KQs
C	794	BU	8.3%, 66+ ATs+ AJo+ KQs
C	764	SB	9.8%, 55+ ATs+ ATo+ KQs
C	734	BB	11.0%, 55+ A8s+ ATo+ KQs KQo
R	**794**	**MP2**	**19.6%, 22+ A3s+ ATo+ K9s+ KJo+ Q9s+ QJo J9s+ T8s+ 98s**
C	794	MP3	9.2%, 66+ ATs+ ATo+ KQs
C	794	CO	9.6%, 66+ A9s+ ATo+ KQs
C	794	BU	10.0%, 55+ A9s+ ATo+ KQs
C	764	SB	11.5%, 55+ A8s+ ATo+ KJs+ KQo
C	734	BB	14.0%, 44+ A5s+ A9o+ KTs+ KQo
R	**794**	**MP3**	**24.7%, 22+ A2s+ A7o+ K8s+ KJo+ Q9s+ QJo J8s+ JTo T8s+ 98s 87s**
C	794	CO	11.4%, 55+ A8s+ ATo+ KJs+ KQo
C	794	BU	12.4%, 55+ A8s+ A9o+ KJs+ KQo
C	764	SB	13.9%, 44+ A7s+ A9o+ KTs+ KQo
C	734	BB	17.5%, 33+ A3s+ A8o+ KTs+ KJo+ QTs+
R	**794**	**CO**	**31.0%, 22+ A2s+ A3o+ K6s+ KTo+ Q8s+ QTo+ J8s+ JTo T8s+ 97s+ 87s 76s**
C	794	BU	15.2%, 44+ A5s+ A8o+ KTs+ KQo QJs
C	764	SB	18.1%, 33+ A3s+ A7o+ KTs+ KJo+ QJs
C	734	BB	22.7%, 22+ A2s+ A5o+ K9s+ KTo+ QTs+ QJo
R	**794**	**BU**	**37.6%, 22+ Ax+ K2s+ K9o+ Q6s+ QTo+ J7s+ JTo T7s+ T9o 96s+ 86s+ 75s+ 65s 54s**
C	764	SB	22.9%, 33+ A2s+ A5o+ K9s+ KTo+ QTs+ QJo JTs
C	734	BB	29.1%, 22+ Ax+ K6s+ K9o+ Q9s+ QTo+ JTs
R	**794**	**SB**	**64.8%, 22+ Kx+ Q2s+ Q4o+ J2s+ J7o+ T3s+ T7o+ 95s+ 97o+ 84s+ 86o+ 74s+ 76o 63s+ 53s+ 43s**
C	734	BB	44.1%, 22+ Ax+ K2s+ K3o+ Q4s+ Q7o+ J7s+ J9o+ T8s+ T9o 98s

7bb

R	694	UTG	12.4%, 55+ A9s+ A5s AJo+ K9s+ KQo QTs+ JTs T9s
C	694	UTG+1	5.9%, 88+ AJs+ AQo+
C	694	UTG+2	5.9%, 88+ AJs+ AQo+
C	694	MP1	5.9%, 88+ AJs+ AQo+
C	694	MP2	5.9%, 88+ AJs+ AQo+
C	694	MP3	5.9%, 88+ AJs+ AQo+
C	694	CO	5.9%, 88+ AJs+ AQo+
C	694	BU	6.3%, 77+ AJs+ AQo+
C	664	SB	7.8%, 77+ ATs+ AJo+ KQs
C	634	BB	8.3%, 66+ ATs+ AJo+ KQs
R	694	UTG+1	13.5%, 44+ A8s+ A5s AJo+ K9s+ KQo QTs+ J9s+ T9s
C	694	UTG+2	5.9%, 88+ AJs+ AQo+
C	694	MP1	6.2%, 77+ AJs+ AQo+
C	694	MP2	6.5%, 77+ AJs+ AQo+
C	694	MP3	6.6%, 77+ ATs+ AQo+
C	694	CO	7.5%, 77+ ATs+ AJo+
C	694	BU	7.8%, 77+ ATs+ AJo+ KQs
C	664	SB	8.3%, 66+ ATs+ AJo+ KQs
C	634	BB	10.3%, 66+ A9s+ ATo+ KJs+ KQo
R	694	UTG+2	15.4%, 33+ A7s+ A5s ATo+ K9s+ KQo Q9s+ J9s+ T9s
C	694	MP1	7.5%, 77+ ATs+ AJo+
C	694	MP2	7.5%, 77+ ATs+ AJo+
C	694	MP3	7.8%, 66+ ATs+ AJo+
C	694	CO	8.1%, 66+ ATs+ AJo+
C	694	BU	8.3%, 66+ ATs+ AJo+ KQs
C	664	SB	9.7%, 55+ ATs+ ATo+ KQs
C	634	BB	11.2%, 55+ A9s+ ATo+ KJs+ KQo
R	694	MP1	18.1%, 22+ A3s+ ATo+ K9s+ KJo+ Q9s+ J9s+ T8s+ 98s
C	694	MP2	8.3%, 66+ ATs+ AJo+ KQs
C	694	MP3	8.3%, 66+ ATs+ AJo+ KQs
C	694	CO	9.8%, 55+ A9s+ ATo+ KQs
C	694	BU	10.0%, 55+ A9s+ ATo+ KQs
C	664	SB	11.5%, 55+ A8s+ ATo+ KJs+ KQo
C	634	BB	13.7%, 44+ A5s+ A9o+ KJs+ KQo
R	694	MP2	22.0%, 22+ A2s+ A8o+ K9s+ KJo+ Q9s+ QJo J8s+ T8s+ 98s 87s
C	694	MP3	10.3%, 55+ A9s+ ATo+ KJs+
C	694	CO	10.3%, 55+ A9s+ ATo+ KJs+
C	694	BU	11.5%, 55+ A8s+ ATo+ KJs+ KQo
C	664	SB	13.4%, 44+ A7s+ A9o+ KTs+ KQo
C	634	BB	17.2%, 33+ A3s+ A8o+ KTs+ KJo+ QJs
R	694	MP3	26.9%, 22+ A2s+ A5o+ K8s+ KTo+ Q8s+ QJo J8s+ JTo T8s+ 98s 87s
C	694	CO	12.8%, 55+ A7s+ A9o+ KJs+ KQo
C	694	BU	13.4%, 44+ A7s+ A9o+ KTs+ KQo
C	664	SB	16.9%, 33+ A4s+ A8o+ KTs+ KJo+ QJs
C	634	BB	21.6%, 22+ A2s+ A6o+ K9s+ KTo+ QTs+ JTs
R	694	CO	32.8%, 22+ Ax+ K5s+ KTo+ Q8s+ QTo+ J8s+ JTo T7s+ 97s+ 86s+ 76s
C	694	BU	16.9%, 33+ A4s+ A8o+ KTs+ KJo+ QJs
C	664	SB	20.7%, 33+ A2s+ A6o+ K9s+ KTo+ QTs+
C	634	BB	26.0%, 22+ A2s+ A3o+ K7s+ KTo+ Q9s+ QJo JTs
R	694	BU	40.1%, 22+ Ax+ K2s+ K8o+ Q5s+ Q9o+ J7s+ JTo T7s+ T9o 96s+ 86s+ 75s+ 65s 54s
C	664	SB	26.7%, 22+ A2s+ A3o+ K7s+ K9o+ Q9s+ QJo JTs
C	634	BB	32.1%, 22+ Ax+ K4s+ K8o+ Q8s+ QTo+ J9s+ JTo
R	694	SB	68.0%, 22+ Qx+ J2s+ J7o+ T2s+ T7o+ 94s+ 97o+ 84s+ 86o+ 74s+ 76o 63s+ 65o 53s+ 43s
C	634	BB	48.1%, 22+ Kx+ Q2s+ Q6o+ J7s+ J8o+ T7s+ T9o 98s

6bb

R	594	UTG	13.6%, 44+ A8s+ A5s AJo+ K9s+ KQo QTs+ J9s+ T9s
C	594	UTG+1	6.1%, 88+ AJs+ AQo+
C	594	UTG+2	6.1%, 77+ AJs+ AQo+
C	594	MP1	6.6%, 77+ ATs+ AQo+
C	594	MP2	7.2%, 77+ ATs+ AJo+
C	594	MP3	7.5%, 77+ ATs+ AJo+
C	594	CO	7.8%, 77+ ATs+ AJo+ KQs
C	594	BU	7.9%, 77+ ATs+ AJo+ KQs
C	564	SB	8.8%, 66+ A9s+ AJo+ KQs
C	534	BB	11.5%, 55+ A8s+ ATo+ KJs+ KQo

R	594	UTG+1	15.2%, 33+ A7s+ A5s ATo+ K9s+ KQo Q9s+ J9s+ T9s
C	594	UTG+2	7.5%, 77+ ATs+ AJo+
C	594	MP1	7.5%, 77+ ATs+ AJo+
C	594	MP2	7.8%, 77+ ATs+ AJo+ KQs
C	594	MP3	8.2%, 66+ ATs+ AJo+ KQs
C	594	CO	8.3%, 66+ ATs+ AJo+ KQs
C	594	BU	8.3%, 66+ ATs+ AJo+ KQs
C	564	SB	10.0%, 55+ A9s+ ATo+ KQs
C	534	BB	12.5%, 44+ A8s+ ATo+ KTs+ KQo QJs

R	594	UTG+2	17.2%, 33+ A4s+ ATo+ K9s+ KJo+ Q9s+ J9s+ T9s 98s
C	594	MP1	8.3%, 66+ ATs+ AJo+ KQs
C	594	MP2	8.3%, 66+ ATs+ AJo+ KQs
C	594	MP3	8.3%, 66+ ATs+ AJo+ KQs
C	594	CO	9.5%, 66+ A9s+ ATo+ KQs
C	594	BU	10.0%, 55+ A9s+ ATo+ KQs
C	564	SB	11.8%, 55+ A7s+ ATo+ KJs+ KQo
C	534	BB	15.1%, 44+ A4s+ A8o+ KTs+ KQo QJs

R	594	MP1	20.4%, 22+ A2s+ A9o+ K9s+ KJo+ Q9s+ QJo J9s+ T8s+ 98s
C	594	MP2	10.0%, 55+ A9s+ ATo+ KQs
C	594	MP3	10.3%, 55+ A9s+ ATo+ KJs+
C	594	CO	10.3%, 55+ A9s+ ATo+ KJs+
C	594	BU	11.5%, 55+ A8s+ ATo+ KJs+ KQo
C	564	SB	13.7%, 44+ A7s+ A5s A9o+ KTs+ KQo
C	534	BB	17.9%, 33+ A2s+ A8o+ KTs+ KJo+ QTs+

R	594	MP2	23.7%, 22+ A2s+ A7o+ K8s+ KTo+ Q9s+ QJo J8s+ T8s+ 98s 87s
C	594	MP3	11.5%, 55+ A8s+ ATo+ KJs+ KQo
C	594	CO	12.5%, 55+ A8s+ A9o+ KJs+ KQo
C	594	BU	12.8%, 44+ A8s+ A9o+ KJs+ KQo
C	564	SB	16.9%, 33+ A4s+ A8o+ KTs+ KJo+ QJs
C	534	BB	20.8%, 22+ A2s+ A7o+ K9s+ KTo+ QTs+ JTs

R	594	MP3	29.5%, 22+ A2s+ A4o+ K7s+ KTo+ Q9s+ QTo+ J8s+ JTo T8s+ 97s+ 87s 76s
C	594	CO	14.8%, 44+ A7s+ A5s A8o+ KTs+ KQo QJs
C	594	BU	16.1%, 44+ A5s+ A8o+ KTs+ KJo+ QJs
C	564	SB	19.7%, 22+ A2s+ A7o+ K9s+ KJo+ QTs+
C	534	BB	26.1%, 22+ A2s+ A3o+ K8s+ KTo+ Q9s+ QJo JTs

R	594	CO	34.2%, 22+ Ax+ K4s+ K9o+ Q8s+ QTo+ J8s+ JTo T7s+ 97s+ 86s+ 76s 65s
C	594	BU	18.4%, 33+ A3s+ A7o+ KTs+ KJo+ QTs+
C	564	SB	24.3%, 22+ A2s+ A4o+ K9s+ KTo+ QTs+ QJo JTs
C	534	BB	29.7%, 22+ Ax+ K6s+ K9o+ Q9s+ QTo+ J9s+ T9s

R	594	BU	43.9%, 22+ Ax+ K2s+ K5o+ Q4s+ Q9o+ J7s+ J9o+ T6s+ T9o 96s+ 86s+ 75s+ 65s 54s
C	564	SB	29.4%, 22+ Ax+ K6s+ K9o+ Q9s+ QTo+ J9s+
C	534	BB	36.6%, 22+ Ax+ K2s+ K6o+ Q7s+ Q9o+ J8s+ JTo T8s+

R	594	SB	71.9%, 22+ Qx+ J2s+ J5o+ T2s+ T6o+ 93s+ 96o+ 84s+ 86o+ 74s+ 76o 63s+ 65o 53s+ 43s
C	534	BB	53.5%, 22+ Kx+ Q2s+ Q4o+ J4s+ J7o+ T6s+ T8o+ 97s+ 87s

5bb

R	494	UTG	15.5%, 33+ A7s+ A5s-A4s ATo+ K9s+ KQo Q9s+ J9s+ T9s
C	494	UTG+1	7.8%, 77+ ATs+ AJo+ KQs
C	494	UTG+2	7.8%, 77+ ATs+ AJo+ KQs
C	494	MP1	8.3%, 66+ ATs+ AJo+ KQs
C	494	MP2	8.3%, 66+ ATs+ AJo+ KQs
C	494	MP3	8.3%, 66+ ATs+ AJo+ KQs
C	494	CO	8.3%, 66+ ATs+ AJo+ KQs
C	494	BU	9.8%, 55+ A9s+ ATo+ KQs
C	464	SB	11.5%, 55+ A8s+ ATo+ KJs+ KQo
C	434	BB	15.6%, 33+ A4s+ A9o+ KTs+ KQo QTs+
R	494	UTG+1	17.0%, 33+ A4s+ ATo+ K9s+ KJo+ Q9s+ J9s+ T9s 98s
C	494	UTG+2	8.3%, 66+ ATs+ AJo+ KQs
C	494	MP1	8.3%, 66+ ATs+ AJo+ KQs
C	494	MP2	8.6%, 66+ A9s+ AJo+ KQs
C	494	MP3	9.5%, 66+ A9s+ ATo+ KQs
C	494	CO	10.0%, 55+ A9s+ ATo+ KQs
C	494	BU	10.2%, 55+ A8s+ ATo+ KQs
C	464	SB	13.4%, 44+ A7s+ A5s A9o+ KJs+ KQo
C	434	BB	18.8%, 33+ A2s+ A7o+ KTs+ KJo+ QTs+
R	494	UTG+2	19.6%, 22+ A2s+ A9o+ K9s+ KJo+ Q9s+ J9s+ T8s+ 98s
C	494	MP1	10.0%, 55+ A9s+ ATo+ KQs
C	494	MP2	10.2%, 55+ A9s+ ATo+ KJs+
C	494	MP3	10.3%, 55+ A9s+ ATo+ KJs+
C	494	CO	11.1%, 55+ A8s+ ATo+ KJs+ KQo
C	494	BU	11.9%, 44+ A8s+ ATo+ KJs+ KQo
C	464	SB	15.4%, 33+ A4s+ A9o+ KTs+ KQo QTs+
C	434	BB	20.7%, 22+ A2s+ A7o+ A5o K9s+ KJo+ QTs+ JTs
R	494	MP1	22.4%, 22+ A2s+ A7o+ K9s+ KJo+ Q9s+ QJo J9s+ T8s+ 98s 87s
C	494	MP2	10.6%, 55+ A8s+ ATo+ KJs+
C	494	MP3	11.5%, 55+ A8s+ ATo+ KJs+ KQo
C	494	CO	12.8%, 44+ A8s+ A9o+ KJs+ KQo
C	494	BU	13.4%, 44+ A7s+ A9o+ KTs+ KQo
C	464	SB	17.5%, 33+ A3s+ A8o+ KTs+ KJo+ QTs+
C	434	BB	24.5%, 22+ A2s+ A4o+ K9s+ KTo+ Q9s+ QJo JTs T9s
R	494	MP2	27.2%, 22+ A2s+ A4o+ K7s+ KTo+ Q9s+ QJo J8s+ T8s+ 98s 87s
C	494	MP3	13.7%, 44+ A7s+ A9o+ KTs+ KQo QJs
C	494	CO	14.4%, 44+ A7s+ A5s A9o+ KTs+ KQo QJs
C	494	BU	16.3%, 33+ A5s+ A8o+ KTs+ KJo+ QJs
C	464	SB	19.8%, 22+ A2s+ A7o+ K9s+ KJo+ QTs+ JTs
C	434	BB	28.3%, 22+ Ax+ K7s+ KTo+ Q9s+ QTo+ J9s+ T9s
R	494	MP3	32.1%, 22+ Ax+ K5s+ KTo+ Q8s+ QTo+ J8s+ JTo T8s+ 97s+ 87s 76s
C	494	CO	17.2%, 33+ A4s+ A8o+ KTs+ KJo+ QTs+
C	494	BU	18.7%, 33+ A3s+ A7o+ K9s+ KJo+ QTs+
C	464	SB	24.9%, 22+ A2s+ A4o+ K8s+ KTo+ Q9s+ QJo JTs
C	434	BB	31.8%, 22+ Ax+ K4s+ K9o+ Q8s+ QTo+ J9s+ JTo T9s 98s
R	494	CO	36.3%, 22+ Ax+ K3s+ K8o+ Q6s+ QTo+ J7s+ JTo T7s+ 97s+ 86s+ 76s 65s
C	494	BU	20.2%, 33+ A2s+ A7o+ K9s+ KTo+ QTs+ JTs
C	464	SB	29.7%, 22+ Ax+ K6s+ K9o+ Q9s+ QTo+ J9s+ T9s
C	434	BB	35.7%, 22+ Ax+ K3s+ K7o+ Q7s+ Q9o+ J8s+ JTo T8s+ 98s
R	494	BU	46.3%, 22+ Ax+ K2s+ K4o+ Q3s+ Q8o+ J6s+ J9o+ T6s+ T9o 96s+ 86s+ 75s+ 65s 54s
C	464	SB	32.4%, 22+ Ax+ K4s+ K8o+ Q8s+ QTo+ J9s+ JTo T9s
C	434	BB	44.2%, 22+ Ax+ K2s+ K3o+ Q5s+ Q8o+ J7s+ J9o+ T7s+ T9o 97s+ 87s
R	494	SB	75.5%, 22+ Qx+ J2s+ J3o+ T2s+ T6o+ 92s+ 96o+ 84s+ 86o+ 73s+ 75o+ 63s+ 65o 52s+ 43s
C	434	BB	59.9%, 22+ Qx+ J2s+ J6o+ T5s+ T7o+ 96s+ 98o 86s+ 76s

4bb

R	394	UTG	18.1%, 33+ A3s+ A9o+ K9s+ KJo+ Q9s+ J9s+ T9s
C	394	UTG+1	9.0%, 66+ ATs+ ATo+ KQs
C	394	UTG+2	10.3%, 55+ A9s+ ATo+ KJs+
C	394	MP1	10.3%, 55+ A9s+ ATo+ KJs+
C	394	MP2	10.3%, 55+ A9s+ ATo+ KJs+
C	394	MP3	11.2%, 55+ A9s+ ATo+ KJs+ KQo
C	394	CO	11.5%, 55+ A8s+ ATo+ KJs+ KQo
C	394	BU	11.9%, 44+ A8s+ ATo+ KJs+ KQo
C	364	SB	16.9%, 33+ A3s+ A9o+ KTs+ KJo+ QTs+ JTs
C	334	BB	25.2%, 22+ A2s+ A4o+ K8s+ KTo+ Q9s+ QJo JTs T9s

R	394	UTG+1	19.9%, 22+ A2s+ A8o+ K9s+ KJo+ Q9s+ J9s+ T9s 98s
C	394	UTG+2	10.3%, 55+ A9s+ ATo+ KJs+
C	394	MP1	10.3%, 55+ A9s+ ATo+ KJs+
C	394	MP2	11.2%, 55+ A9s+ ATo+ KJs+ KQo
C	394	MP3	11.9%, 44+ A8s+ ATo+ KJs+ KQo
C	394	CO	11.9%, 44+ A8s+ ATo+ KJs+ KQo
C	394	BU	13.4%, 44+ A7s+ A9o+ KJs+ KQo QJs
C	364	SB	18.3%, 22+ A3s+ A8o+ KTs+ KJo+ QTs+ JTs
C	334	BB	29.2%, 22+ A2s+ A3o+ K6s+ KTo+ Q9s+ QTo+ J9s+ JTo T8s+

R	394	UTG+2	23.0%, 22+ A2s+ A7o+ K9s+ KTo+ Q9s+ QJo J9s+ T8s+ 98s
C	394	MP1	12.2%, 44+ A8s+ ATo+ KTs+ KQo
C	394	MP2	12.5%, 44+ A8s+ ATo+ KTs+ KQo QJs
C	394	MP3	13.7%, 44+ A7s+ A9o+ KTs+ KQo QJs
C	394	CO	14.0%, 44+ A7s+ A5s A9o+ KTs+ KQo QJs
C	394	BU	16.0%, 33+ A4s+ A9o+ KTs+ KJo+ QJs
C	364	SB	20.7%, 22+ A2s+ A7o+ K9s+ KTo+ QTs+ JTs
C	334	BB	32.3%, 22+ Ax+ K4s+ K9o+ Q8s+ QTo+ J8s+ JTo T8s+ 98s

R	394	MP1	25.9%, 22+ A2s+ A5o+ K7s+ KTo+ Q9s+ QJo J9s+ T8s+ 98s 87s
C	394	MP2	13.7%, 44+ A7s+ A9o+ KTs+ KQo QJs
C	394	MP3	14.4%, 44+ A7s+ A5s A9o+ KTs+ KQo QJs
C	394	CO	16.6%, 33+ A5s+ A8o+ KTs+ KJo+ QJs
C	394	BU	17.2%, 33+ A4s+ A8o+ KTs+ KJo+ QTs+
C	364	SB	24.3%, 22+ A2s+ A5o+ K9s+ KTo+ Q9s+ QJo J9s+ T9s
C	334	BB	33.0%, 22+ Ax+ K4s+ K9o+ Q8s+ QTo+ J8s+ JTo T8s+ 97s+ 87s

R	394	MP2	30.3%, 22+ A2s+ A3o+ K6s+ KTo+ Q8s+ QTo+ J8s+ JTo T8s+ 98s 87s
C	394	MP3	17.5%, 44+ A4s+ A8o+ K9s+ KJo+ QTs+ JTs
C	394	CO	18.1%, 33+ A3s+ A8o+ K9s+ KJo+ QTs+ JTs
C	394	BU	20.2%, 33+ A2s+ A7o+ K9s+ KTo+ QTs+ JTs
C	364	SB	27.9%, 22+ A2s+ A3o+ K6s+ KTo+ Q9s+ QTo+ J9s+ T9s
C	334	BB	37.6%, 22+ Ax+ K2s+ K7o+ Q5s+ Q9o+ J8s+ JTo T8s+ 97s+ 87s 76s

R	394	MP3	33.4%, 22+ Ax+ K4s+ K9o+ Q8s+ QTo+ J8s+ JTo T8s+ 97s+ 87s 76s
C	394	CO	20.2%, 33+ A2s+ A7o+ K9s+ KTo+ QTs+ JTs
C	394	BU	21.1%, 33+ A2s+ A7o+ K9s+ KTo+ QTs+ QJo JTs
C	364	SB	31.3%, 22+ Ax+ K6s+ K9o+ Q8s+ QTo+ J9s+ JTo T9s 98s
C	334	BB	41.5%, 22+ Ax+ K2s+ K6o+ Q5s+ Q9o+ J7s+ J9o+ T7s+ T9o 97s+ 86s+ 76s 65s

R	394	CO	41.1%, 22+ Ax+ K2s+ K6o+ Q5s+ Q9o+ J7s+ J9o+ T7s+ T9o 97s+ 86s+ 76s 65s
C	394	BU	27.3%, 22+ A2s+ A4o+ K7s+ K9o+ Q9s+ QTo+ J9s+
C	364	SB	34.5%, 22+ Ax+ K3s+ K8o+ Q8s+ Q9o+ J8s+ JTo T8s+ 98s
C	334	BB	47.3%, 22+ Ax+ K2s+ K3o+ Q2s+ Q8o+ J5s+ J9o+ T7s+ T9o 96s+ 86s+ 76s 65s

R	394	BU	51.4%, 22+ Kx+ Q2s+ Q7o+ J5s+ J8o+ T6s+ T8o+ 96s+ 86s+ 75s+ 65s 54s
C	364	SB	39.3%, 22+ Ax+ K2s+ K6o+ Q5s+ Q9o+ J7s+ J9o+ T8s+ 97s+ 87s
C	334	BB	54.8%, 22+ Kx+ Q2s+ Q5o+ J3s+ J8o+ T6s+ T8o+ 96s+ 98o 86s+ 75s+ 65s 54s

R	394	SB	79.6%, 22+ Jx+ T2s+ T4o+ 92s+ 95o+ 83s+ 86o+ 73s+ 75o+ 63s+ 65o 52s+ 43s
C	334	BB	69.6%, 22+ Jx+ T2s+ T6o+ 95s+ 96o+ 85s+ 87o 75s+ 65s 54s

3bb

R	294	UTG	21.7%, 33+ A2s+ A8o+ K8s+ KTo+ Q9s+ QJo J9s+ T9s 98s
C	294	UTG+1	12.4%, 55+ A8s+ ATo+ KTs+ KQo QTs+
C	294	UTG+2	13.4%, 44+ A7s+ A5s ATo+ KTs+ KQo QTs+
C	294	MP1	13.6%, 44+ A7s+ A5s ATo+ KTs+ KQo QTs+
C	294	MP2	16.1%, 44+ A4s+ A9o+ KTs+ KJo+ QTs+ JTs
C	294	MP3	16.1%, 44+ A4s+ A9o+ KTs+ KJo+ QTs+ JTs
C	294	CO	16.4%, 44+ A3s+ A9o+ KTs+ KJo+ QTs+ JTs
C	294	BU	18.4%, 33+ A2s+ A8o+ K9s+ KJo+ QTs+ JTs
C	264	SB	29.1%, 22+ A2s+ A3o+ K5s+ KTo+ Q9s+ QTo+ J9s+ T8s+ 98s 87s
C	234	BB	45.6%, 22+ Ax+ K2s+ K5o+ Q3s+ Q9o+ J5s+ J9o+ T6s+ T9o 96s+ 85s+ 75s+ 64s+ 53s+

R	294	UTG+1	23.3%, 22+ A2s+ A7o+ K7s+ KTo+ Q9s+ QJo J9s+ T9s 98s
C	294	UTG+2	13.7%, 44+ A7s+ A5s ATo+ KTs+ KQo QTs+ JTs
C	294	MP1	15.5%, 44+ A7s+ A5s A9o+ KTs+ KJo+ QTs+ JTs
C	294	MP2	16.1%, 44+ A4s+ A9o+ KTs+ KJo+ QTs+ JTs
C	294	MP3	16.8%, 33+ A4s+ A9o+ K9s+ KJo+ QTs+ JTs
C	294	CO	18.1%, 33+ A3s+ A8o+ K9s+ KJo+ QTs+ JTs
C	294	BU	18.4%, 33+ A2s+ A8o+ K9s+ KJo+ QTs+ JTs
C	264	SB	30.6%, 22+ A2s+ A3o+ K5s+ KTo+ Q8s+ QTo+ J8s+ JTo T8s+ 98s 87s
C	234	BB	50.3%, 22+ Ax+ K2s+ K5o+ Q2s+ Q8o+ J4s+ J8o+ T6s+ T8o+ 95s+ 98o 85s+ 74s+ 64s+ 53s+

R	294	UTG+2	27.0%, 22+ A2s+ A5o+ K6s+ KTo+ Q8s+ QTo+ J9s+ T8s+ 98s
C	294	MP1	16.4%, 44+ A4s+ A9o+ K9s+ KJo+ QTs+ JTs
C	294	MP2	17.2%, 33+ A3s+ A9o+ K9s+ KJo+ QTs+ JTs
C	294	MP3	18.5%, 33+ A3s+ A8o+ K9s+ KJo+ QTs+ JTs
C	294	CO	20.6%, 33+ A2s+ A8o+ K9s+ KTo+ QTs+ QJo JTs T9s
C	294	BU	22.3%, 33+ A2s+ A7o+ K8s+ KTo+ Q9s+ QJo J9s+ T9s
C	264	SB	33.6%, 22+ Ax+ K3s+ K9o+ Q8s+ QTo+ J8s+ JTo T8s+ 97s+ 87s 76s
C	234	BB	57.5%, 22+ Kx+ Q2s+ Q8o+ J3s+ J8o+ T4s+ T8o+ 95s+ 97o+ 84s+ 87o 74s+ 76o 64s+ 43s

R	294	MP1	30.6%, 22+ A2s+ A4o+ K5s+ K9o+ Q8s+ QTo+ J8s+ JTo T8s+ 98s 87s
C	294	MP2	20.5%, 33+ A3s+ A8o+ K9s+ KTo+ Q9s+ QJo JTs T9s
C	294	MP3	21.1%, 33+ A2s+ A8o+ K9s+ KTo+ Q9s+ QJo J9s+ T9s
C	294	CO	22.3%, 33+ A2s+ A7o+ K8s+ KTo+ Q9s+ QJo J9s+ T9s
C	294	BU	23.5%, 33+ A2s+ A7o+ A5o K7s+ KTo+ Q9s+ QJo J9s+ T9s
C	264	SB	36.1%, 22+ Ax+ K2s+ K9o+ Q6s+ Q9o+ J8s+ JTo T7s+ 97s+ 87s 76s 65s
C	234	BB	59.9%, 22+ Kx+ Q2s+ Q6o+ J2s+ J8o+ T4s+ T8o+ 95s+ 97o+ 84s+ 87o 74s+ 76o 63s+ 43s

R	294	MP2	33.0%, 22+ Ax+ K3s+ K9o+ Q8s+ QTo+ J8s+ JTo T8s+ 98s 87s
C	294	MP3	22.3%, 33+ A2s+ A7o+ K8s+ KTo+ Q9s+ QJo J9s+ T9s
C	294	CO	23.5%, 33+ A2s+ A7o+ K7s+ KTo+ Q9s+ QTo+ J9s+ T9s
C	294	BU	25.3%, 33+ A2s+ A5o+ K7s+ KTo+ Q9s+ QTo+ J9s+ T9s
C	264	SB	39.4%, 22+ Ax+ K3s+ K8o+ Q5s+ Q9o+ J7s+ J9o+ T7s+ T9o 97s+ 86s+ 76s 65s
C	234	BB	65.0%, 22+ Kx+ Q2s+ Q5o+ J2s+ J7o+ T3s+ T7o+ 94s+ 97o+ 84s+ 86o+ 74s+ 76o 63s+ 43s

R	294	MP3	39.1%, 22+ Ax+ K2s+ K7o+ Q5s+ Q9o+ J7s+ J9o+ T7s+ 97s+ 87s 76s
C	294	CO	28.8%, 22+ A2s+ A5o+ K6s+ K9o+ Q8s+ QTo+ J9s+ JTo T8s+ 98s
C	294	BU	30.9%, 22+ A2s+ A3o+ K5s+ K9o+ Q8s+ QTo+ J9s+ JTo T8s+ 98s
C	264	SB	42.1%, 22+ Ax+ K2s+ K6o+ Q4s+ Q9o+ J7s+ J9o+ T7s+ T9o 97s+ 86s+ 76s 65s 54s
C	234	BB	68.6%, 22+ Kx+ Q2s+ Q3o+ J2s+ J7o+ T2s+ T7o+ 93s+ 97o+ 84s+ 86o+ 74s+ 76o 63s+ 43s

R	294	CO	43.8%, 22+ Ax+ K2s+ K5o+ Q3s+ Q8o+ J6s+ J9o+ T7s+ T9o 97s+ 86s+ 76s
C	294	BU	32.1%, 22+ Ax+ K5s+ K9o+ Q8s+ QTo+ J8s+ JTo T8s+ 98s
C	264	SB	44.2%, 22+ Ax+ K2s+ K5o+ Q3s+ Q8o+ J7s+ J9o+ T7s+ T9o 97s+ 86s+ 76s 65s 54s
C	234	BB	73.6%, 22+ Qx+ J2s+ J5o+ T2s+ T6o+ 93s+ 96o+ 84s+ 86o+ 73s+ 76o 63s+ 65o 52s+ 54o 42s+

R	294	BU	54.3%, 22+ Kx+ Q2s+ Q5o+ J4s+ J7o+ T6s+ T8o+ 96s+ 98o 86s+ 76s
C	264	SB	49.8%, 22+ Ax+ K2s+ K3o+ Q2s+ Q8o+ J5s+ J8o+ T6s+ T8o+ 96s+ 86s+ 75s+ 65s 54s
C	234	BB	77.1%, 22+ Qx+ J2s+ J3o+ T2s+ T6o+ 92s+ 96o+ 83s+ 86o+ 73s+ 75o+ 63s+ 65o 52s+

R	294	SB	83.1%, 22+ Tx+ 92s+ 94o+ 82s+ 85o+ 73s+ 75o+ 63s+ 65o 53s+ 43s
C	234	BB	84.3%, 22+ Tx+ 92s+ 94o+ 82s+ 85o+ 73s+ 75o+ 63s+ 65o 52s+ 54o 43s