

4-MAX ALL-IN-OR-FOLD · 14 RANGES · 8BB EFFECTIVE STACKS

Approximate Equilibrium Play in 4-Max Shove-or-Fold Poker

A Delayed-Linear Weighted-Averaging MCCFR Study at 8BB Effective Stacks

Henry De Courcy Thompson, FullHouse Research

ABSTRACT

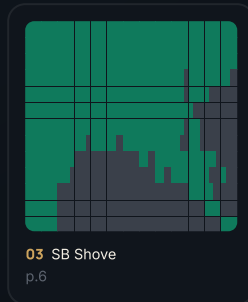
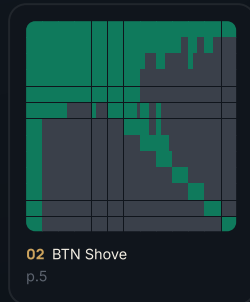
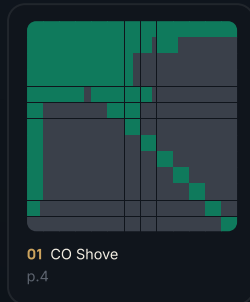
We report validated shove/call ranges for 4-max all-in-or-fold poker at 8BB effective stacks, produced by a delayed-linear weighted-averaging MCCFR solver trained from iteration zero to 4,000,000 across two independent seeds and merged through the production adapter. The resulting policy (v2) passed a four-stage adoption protocol, including a fresh whole-game comparison against the prior production backend and an untouched structural holdout. These ranges are a validated best estimate, not a formal proof of Nash equilibrium; a frozen stress-cell regression returned a mixed result, retained here as adverse evidence rather than smoothed over. Corrections and feedback are welcome.

Keywords — 4-max poker, all-in-or-fold, MCCFR, weighted averaging, Nash-equilibrium approximation

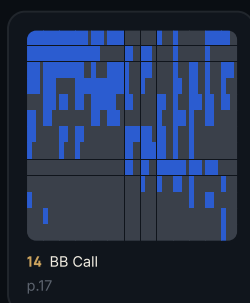
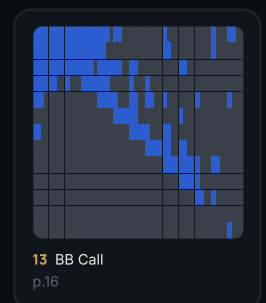
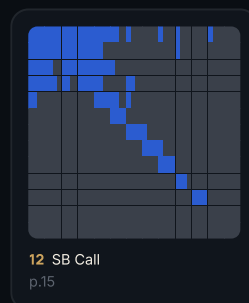
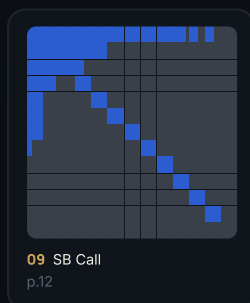
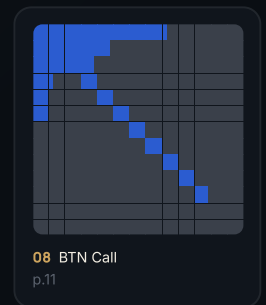
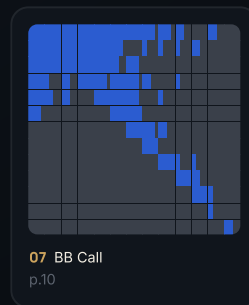
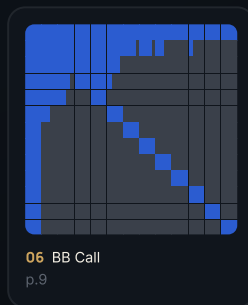
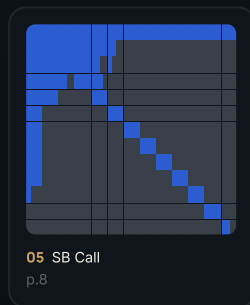
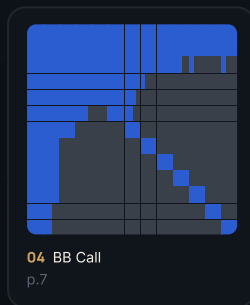
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14 Ranges. One Complete Strategy.

SHOVE RANGES (3)



CALL RANGES (11)



Methodology & Provenance

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How to Read These Ranges

A quick guide to getting the most out of this PDF.

These ranges are the current best-validated estimate from a finite training run, not a proven Nash-equilibrium (GTO) solution. There is real room to improve them further — corrections and feedback are genuinely welcome (see Methodology & Provenance, p.18).

1. WHAT THE COLORS MEAN



Shove Take the all-in action.



Call Call the all-in.

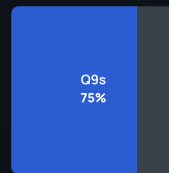


Fold Give up the hand.



Mixed Split your range by the shown frequency.

2. READING A CELL



This hand calls roughly 75% of the time and folds the rest. Mixed frequencies are rounded to the nearest 25% (0/25/50/75/100) for quick reference — exact source frequencies are preserved in the underlying data, unrounded.

3. GRID LAYOUT

Ranks run A K Q J T 9 8 7 6 5 4 3 2 on both axes. Pairs sit on the diagonal, suited hands above it, offsuit hands below it.

4. ACTION-PATH BREADCRUMB

Each range page shows the action history leading to your decision — who shoved, called, or folded before you act — ending in the highlighted **You** marker.



"Same hands. A deeper understanding."

CO · SHOVE

First to act

YOU

● SHOVE 29.3%

● FOLD 70.7%

AA	AKs	AQs	AJs	ATs	A9s	A8s	A7s	A6s	A5s	A4s	A3s	A2s
AKo	KK	KQs	KJs	KTs	K9s	K8s	K7s 75%	K6s	K5s 25%	K4s	K3s	K2s
AQo	KQo	QQ	QJs	QTs	Q9s	Q8s 50%	Q7s	Q6s	Q5s	Q4s	Q3s	Q2s
AJo	KJo	QJo	JJ	JTs	J9s	J8s 50%	J7s	J6s	J5s	J4s	J3s	J2s
ATo	KTo	QTo	JTo 50%	TT	T9s	T8s	T7s 75%	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 75%	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

BTN · SHOVE

CO fold

FOLD → YOU

● SHOVE 33.6% ● FOLD 66.4%

AA	AKs	AQs	AJs	ATs	A9s	A8s	A7s	A6s	A5s	A4s	A3s	A2s
AKo	KK	KQs	KJs	KTs	K9s	K8s	K7s	K6s	K5s 50%	K4s 50%	K3s 50%	K2s
AQo	KQo	QQ	QJs	QTs	Q9s	Q8s	Q7s 25%	Q6s 50%	Q5s	Q4s 25%	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 50%	J9o	T9o 25%	99	98s 75%	97s 50%	96s 25%	95s	94s	93s	92s
A8o	K8o	Q8o	J8o	T8o	98o	88	87s 50%	86s 25%	85s	84s	83s	82s
A7o	K7o	Q7o	J7o	T7o	97o	87o	77	76s 75%	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

SB · SHOVE

CO fold → BTN fold

FOLD → FOLD → YOU

● SHOVE 60.8% ● FOLD 39.2%

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 75%	J4s	J3s	J2s 50%
ATo	KTo	QTo	JTo	TT	T9s	T8s	T7s	T6s	T5s 75%	T4s	T3s 25%	T2s
A9o	K9o	Q9o	J9o	T9o	99	98s	97s	96s	95s	94s 25%	93s	92s
A8o	K8o	Q8o	J8o	T8o	98o	88	87s	86s	85s 75%	84s 75%	83s	82s
A7o	K7o	Q7o	J7o 75%	T7o	97o 50%	87o	77	76s	75s 50%	74s 75%	73s	72s
A6o	K6o	Q6o	J6o	T6o	96o	86o	76o 50%	66	65s	64s	63s 75%	62s
A5o	K5o	Q5o 75%	J5o	T5o	95o	85o	75o	65o 50%	55	54s	53s 25%	52s 25%
A4o	K4o	Q4o	J4o	T4o	94o	84o	74o	64o	54o	44	43s 50%	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

BB • CALL

CO fold → BTN fold → SB shove

FOLD → FOLD → **SHOVE** → YOU

● **CALL 41.8%** ● **FOLD 58.2%**

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 50%	Q4s 25%	Q3s	Q2s 25%
AJo	KJo	QJo	JJ	JTs	J9s	J8s	J7s 25%	J6s	J5s	J4s	J3s	J2s
ATo	KTo	QTo	JTo	TT	T9s	T8s 75%	T7s	T6s	T5s	T4s	T3s	T2s
A9o	K9o	Q9o	J9o 75%	T9o	99	98s 50%	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 50%	Q3o	J3o	T3o	93o	83o	73o	63o	53o	43o	33	32s
A2o	K2o 50%	Q2o	J2o	T2o	92o	82o	72o	62o	52o	42o	32o	22

SB · CALL

CO fold → BTN shove

FOLD → **SHOVE** → YOU

☒ CALL 22.6% ☐ FOLD 77.4%

AA	AKs	AQs	AJs	ATs	A9s	A8s	A7s	A6s	A5s	A4s	A3s	A2s
AKo	KK	KQs	KJs	KTs	K9s 50%	K8s	K7s	K6s	K5s	K4s	K3s	K2s
AQo	KQo	QQ	QJs	QTs 50%	Q9s 25%	Q8s	Q7s	Q6s	Q5s	Q4s	Q3s	Q2s
AJo	KJo	QJo 50%	JJ	JTs 75%	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 25%	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 50%

BB • CALL

CO fold → BTN shove → SB fold

FOLD →
 SHOVE →
 FOLD →
 YOU

● CALL 27.8%
○ FOLD 72.2%

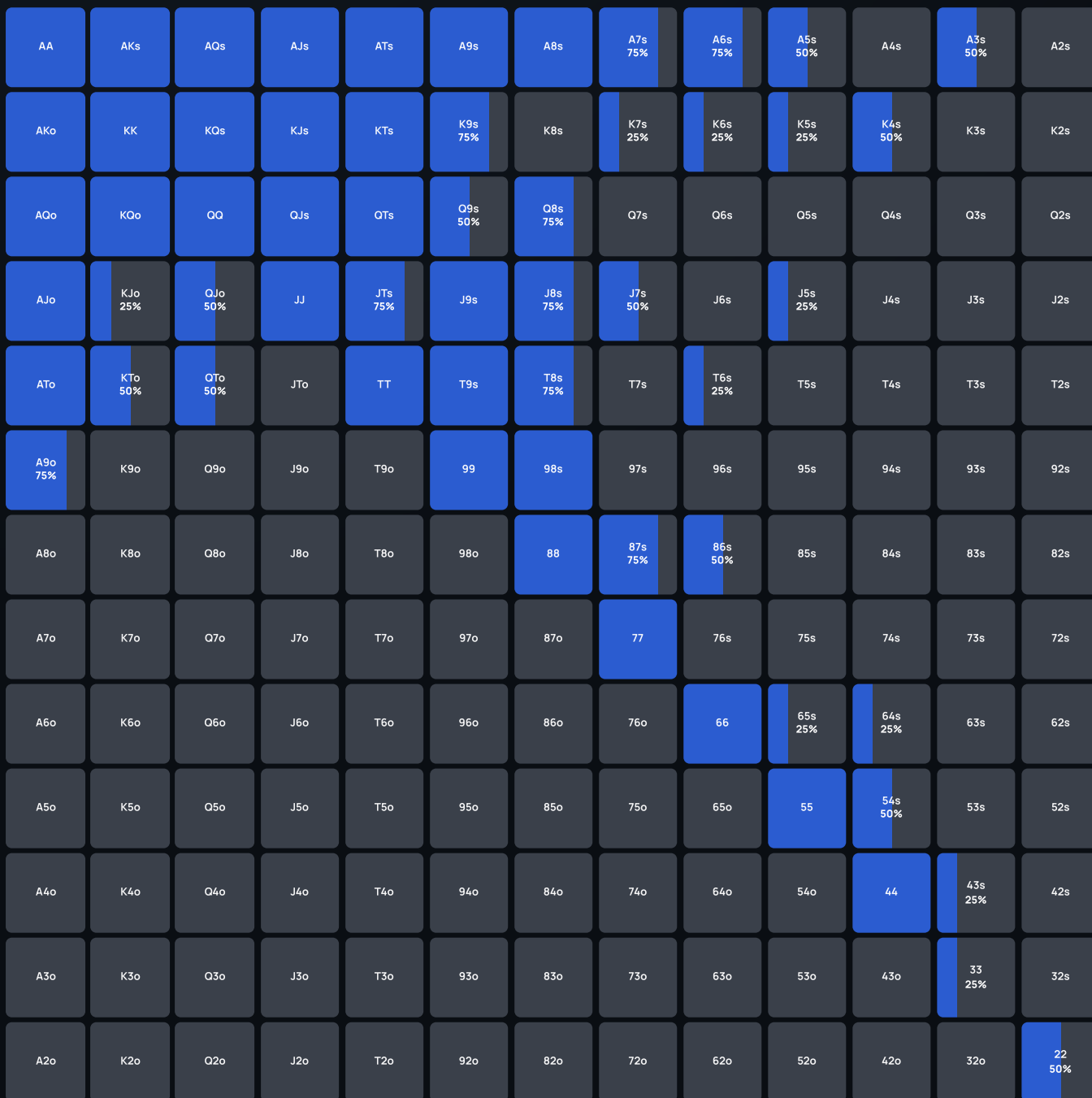
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AKo	KK	KQs	KJs	KTs	K9s	K8s 75%	K7s 75%	K6s 50%	K5s	K4s 25%	K3s	K2s
AQo	KQo	QQ	QJs	QTs	Q9s 75%	Q8s	Q7s	Q6s	Q5s	Q4s	Q3s	Q2s
AJo	KJo	QJo 75%	JJ	JTs	J9s 25%	J8s	J7s	J6s	J5s	J4s	J3s	J2s
ATo	KTo	QTo 50%	JTo	TT	T9s	T8s	T7s	T6s	T5s	T4s	T3s	T2s
A9o	K9o 50%	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

BB · CALL

CO fold → BTN shove → SB call



● CALL 20.4%
● FOLD 79.6%



BTN • CALL

CO shove

SHOVE → YOU

● CALL 13.6% ● FOLD 86.4%

AA	AKs	AQs	AJs	ATs	A9s	A8s	A7s	A6s 25%	A5s	A4s	A3s	A2s
AKo	KK	KQs	KJs	KTs 75%	K9s	K8s	K7s	K6s	K5s	K4s	K3s	K2s
AQo	KQo	QQ	QJs 75%	QTs	Q9s	Q8s	Q7s	Q6s	Q5s	Q4s	Q3s	Q2s
AJo	KJo 25%	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 75%	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

SB · CALL

CO shove → BTN fold

SHOVE → FOLD → YOU

● CALL 17.1% ● FOLD 82.9%

AA	AKs	AQs	AJs	ATs	A9s	A8s	A7s	A6s	A5s 75%	A4s 50%	A3s 50%	A2s
AKo	KK	KQs	KJs	KTs	K9s	K8s	K7s	K6s	K5s	K4s	K3s	K2s
AQo	KQo	QQ	QJs 50%	QTs	Q9s	Q8s	Q7s	Q6s	Q5s	Q4s	Q3s	Q2s
AJo	KJo 75%	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 25%	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

BB • CALL

CO shove → BTN fold → SB fold

SHOVE → FOLD → FOLD → YOU

● CALL 22.9% ● FOLD 77.1%

AA	AKs	AQs	AJs	ATs	A9s	A8s	A7s	A6s	A5s	A4s	A3s	A2s
AKo	KK	KQs	KJs	KTs	K9s	K8s	K7s 25%	K6s	K5s	K4s	K3s	K2s
AQo	KQo	QQ	QJs	QTs 50%	Q9s 25%	Q8s	Q7s	Q6s	Q5s	Q4s	Q3s	Q2s
AJo	KJo	QJo 25%	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 25%	K4o	Q4o	J4o	T4o	94o	84o	74o	64o	54o	44	43s	42s
A3o 25%	K3o	Q3o	J3o	T3o	93o	83o	73o	63o	53o	43o	33	32s
A2o 25%	K2o	Q2o	J2o	T2o	92o	82o	72o	62o	52o	42o	32o	22

BB • CALL

CO shove → BTN fold → SB call

SHOVE

→

FOLD

→

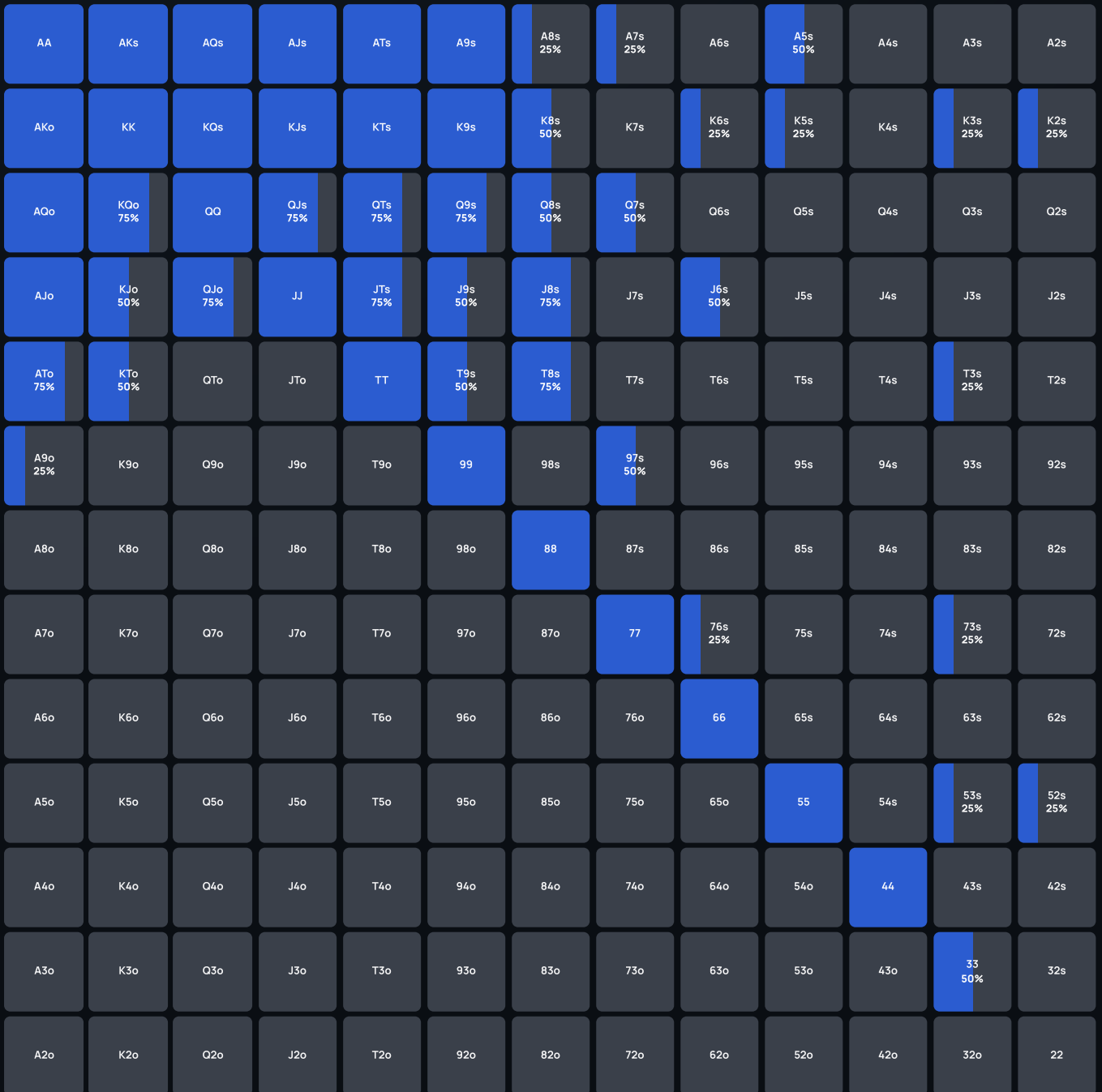
CALL

→

YOU

● CALL 17.6%

● FOLD 82.4%



SB · CALL

CO shove → BTN call



● CALL 13.7%

● FOLD 86.3%

AA	AKs	AQs	AJs	ATs	A9s 50%	A8s 25%	A7s	A6s 25%	A5s 25%	A4s	A3s 25%	A2s
AKo	KK	KQs	KJs	KTs 50%	K9s	K8s	K7s	K6s	K5s 25%	K4s	K3s	K2s
AQo	KQo 50%	QQ	QJs	QTs	Q9s 25%	Q8s	Q7s	Q6s	Q5s	Q4s	Q3s	Q2s
AJo	KJo 75%	QJo 50%	JJ	JTs 50%	J9s	J8s 50%	J7s	J6s	J5s	J4s	J3s	J2s
ATo 50%	KTo	QTo	JTo	TT	T9s 50%	T8s 25%	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 25%	86s	85s	84s	83s	82s
A7o	K7o	Q7o	J7o	T7o	97o	87o	77	76s 25%	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 75%	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

BB · CALL

CO shove → BTN call → SB fold



☒ CALL 16.8%

☐ FOLD 83.2%

AA	AKs	AQs	AJs	ATs 75%	A9s 50%	A8s	A7s	A6s 25%	A5s	A4s	A3s 25%	A2s 50%
AKo	KK	KQs	KJs	KTs 50%	K9s	K8s	K7s	K6s 50%	K5s	K4s	K3s 25%	K2s
AQo	KQo	QQ	QJs 75%	QTs	Q9s 50%	Q8s 50%	Q7s	Q6s	Q5s 50%	Q4s	Q3s	Q2s
AJo	KJo 50%	QJo 25%	JJ	JTs 75%	J9s	J8s 25%	J7s 25%	J6s	J5s	J4s	J3s	J2s
ATo 75%	KTo	QTo	JTo	TT	T9s 25%	T8s 50%	T7s 50%	T6s 25%	T5s	T4s 25%	T3s	T2s 25%
A9o	K9o	Q9o	J9o	T9o	99	98s 50%	97s	96s	95s 25%	94s	93s	92s
A8o 50%	K8o	Q8o	J8o	T8o	98o	88	87s 25%	86s 50%	85s	84s	83s	82s
A7o	K7o	Q7o	J7o	T7o	97o	87o	77	76s 50%	75s 50%	74s	73s	72s
A6o	K6o	Q6o	J6o	T6o	96o	86o	76o	66	65s	64s 25%	63s 50%	62s
A5o	K5o	Q5o	J5o	T5o	95o	85o	75o	65o	55	54s 25%	53s	52s
A4o	K4o	Q4o	J4o	T4o	94o	84o	74o	64o	54o	44 50%	43s 25%	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 25%

BB • CALL

CO shove → BTN call → SB call



● CALL 24.8%
● FOLD 75.2%

AA	AKs	AQs	AJs 75%	ATs 75%	A9s	A8s	A7s	A6s 25%	A5s 25%	A4s	A3s	A2s 50%
AKo	KK	KQs	KJs	KTs 50%	K9s	K8s 50%	K7s 75%	K6s	K5s 25%	K4s	K3s 25%	K2s
AQo 75%	KQo	QQ	QJs 50%	QTs 25%	Q9s	Q8s 25%	Q7s 75%	Q6s	Q5s 25%	Q4s 50%	Q3s 25%	Q2s 75%
AJo 75%	KJo 75%	QJo	JJ	JTs	J9s	J8s 25%	J7s 25%	J6s	J5s 50%	J4s 50%	J3s 25%	J2s 25%
ATo	KTo 75%	QTo 50%	JTo 50%	TT	T9s 50%	T8s 50%	T7s	T6s 50%	T5s 25%	T4s 75%	T3s 50%	T2s 50%
A9o 50%	K9o 50%	Q9o	J9o	T9o 50%	99 75%	98s	97s	96s 25%	95s 75%	94s 25%	93s 50%	92s
A8o 50%	K8o	Q8o 50%	J8o 50%	T8o	98o	88	87s 75%	86s 50%	85s 25%	84s 25%	83s	82s
A7o 25%	K7o	Q7o 25%	J7o 25%	T7o	97o	87o 50%	77	76s 50%	75s 25%	74s 25%	73s	72s
A6o	K6o	Q6o	J6o	T6o	96o	86o 50%	76o 50%	66	65s 75%	64s 75%	63s 75%	62s
A5o	K5o	Q5o	J5o	T5o	95o	85o	75o 25%	65o 25%	55 50%	54s 25%	53s	52s 25%
A4o 25%	K4o	Q4o	J4o	T4o	94o	84o	74o	64o	54o	44 25%	43s 50%	42s
A3o	K3o 25%	Q3o	J3o	T3o	93o	83o	73o	63o	53o	43o	33	32s 25%
A2o	K2o	Q2o	J2o	T2o	92o	82o	72o	62o	52o	42o	32o	22 25%

Methodology & Provenance

Built with rigor. Designed for real game results.

TRAINING & EVALUATION

- Trained from scratch (0 → 4,000,000 iterations) with delayed-linear weighting
- Two independent seeds (11 & 29)
- Merged via production adapter (no hand-tuned adjustments)
- Full 4-step validation protocol (structural, NashConv, whole-game, stress)
- Held-out structural validation (196 cells)
- Final adoption decision: **ADOPT**

VERSION INFORMATION

- Production policy: aof-4max-reference-policy-4m-v2.json
- Version: v2
- Release date: September 2026
- Range table hash: d859f5754a... (full hash in repository)
- Full evidence chain: 27 files (public repository)
- Code & data: github.com/hdccode/aof-ml

A NOTE ON THESE RANGES

- This is a validated best estimate from finite-iteration solving, not a proven Nash-equilibrium (GTO) solution
- Deeper training or alternate methods may still refine individual cells
- Feedback, corrections, and edge-case reports are welcome

TECHNICAL DETAILS

- Game: 4-max, all-in or fold (AoF)
- Effective stack: 8 BB
- Outputs: exact mixed frequencies (13×13 per node)
- Cell display rounded to nearest 25% (0/25/50/75/100); source data exact
- No manual range edits
- Weighting schedule: delayed_linear_post_burnin-1 (D=1,000,000)

TECHNICAL CAVEAT

- Frozen fixed-cell stress regression: **MIXED_STRESS_RESULT**
- Did not meet the preregistered hard-failure bar
- Retained as adverse evidence; cannot override the primary/secondary adoption result

"A stronger game. A smarter you."