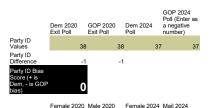


POLL BIAS CACLULATOR

Bias	Party ID	Gender		Education	Region		Racial Demo	Age Der	
Multiplier (Level of Bias Significan		_			_				_
ce) Bias by		7	5	7	7	3	5		5
Cateogry		0	0	c)	0	-0	:	20
OVERALL 2024 POLL BIAS (+ is Dem, - is GOP bias)	2	0 _{scale>>}	>	NO SIGNIFICANT BIAS, ACCEPTABLE (0-50)	DEFINITE BIAS, EXCESSIV (50-100)		SEVERE BIAS (100+)		

Understanding the Overall Poll Bias Score – A perfect bias score as compared to the 2020 exit polis equals a 0 value. A positive score equals a Democratic bias. A negative score equals a Republican bias. The higher the value of the number, the worse the bias. I will adjust polis with this score in mind. Usually the adjustment is straightforward in that I can apply the proper party ID, gender ID, education ID to the party votes provided in the cross tabs. Sometimes polisters hide the party ID, gender ID or education ID, but I have methods of inferring those. The calculators for inferring these party ID values can be found below. Regional bias usually can't be inferred, although if they provide how each region votes they can.



	Exit Poll	Exit Poll		Poll	Poll	
Gender ID Values	54		46	54	Ļ	46
Gender ID Bias	C	1	0			
Final Gender ID Bias (+ is Dem, - is GOP bias)	0					

		No College Degree or + 2020 Exit Poll	Degree or +	No College Degree or + 2024 Poll
Education				
Values	36	64	36	64
Education Bias	0	0		
Education Bias Final Score (+ is Dem, - is GOP bias)	0			

	Northeast 2020 Exit Poll	South 2020 Exit Poll	Midwest 202 Exit Poll	0 West 2020 Exit Poll	North- east 2024 Poll	Midwest 2024 Poll	West 2024 Poll
Regional Values (national polls only)							
Regional Bias (National Polls Only)	0		0	0	0		
Regional Bias Score (+ is Dem, - is GOP bias)	0						

	White 2020 Exit Poll	Black 2020 Exit Poll	Latino 2020 Exit Poll) other	White 2024 P	2		Latino 2024 Poll	other		
Racial ID percentage	8	1	12	3	5	79	13		4 5	5	
Racial Polling Sample Bias Racial Bias Score (+ is Dem, - is GOP bias)	-(1	1	0						
	18-29	30-44	45-64	65+.		1	8-29	30-44	45-64	65+.	
Age ID	1	9	22	29	30	0	25	2	2 27	7	24 Age ID
Age Bias Age Bias Score	L	6	0	-2	0						Age Bias Age Bias Score



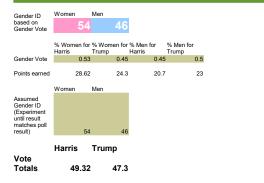
ADJUS	TED P	ART	'Y ID	CALU	LATOF	र	
Inferred (Most	Dem	Ind	GC	P			
Likely) Party ID Assumed by Pollster	3	8	24	38			
							%
	% Dem for Harris	% Den Trump		Ind for rris		% GOP for Trump	GOP for Harris
Party Vote:	0	.9	0.045	0.44	0.51	0.9	0.05
Points earned	34	.2	1.71	10.56	12.24	34.2	1.9
	Dem	Ind	GC)P			
Assumed Party ID (Experiment until result matches poll							
result)	3	38	24	38			
	Harris	Trun	np				
Vote			-				
Totals	-	-					

Inferred (Most Likely) Party ID Assumed by Pollster	Dem	45	Ind	13	GOP	42					
	% Dem Harris		% Dem Trump		% Ind for Harris	0.44	% Ind for Trump		% GOP for Trump	% GOP Harris	for 0.0
Points earned		40.5		2.025		5.72		6.63		.8	2.1
	Dem		Ind	2.020	GOP	0.72		0.00	01		2
Assumed Party ID (Experiment until result matches poll result)		45		13		42					
	Harris		Trump								

INFERRED PARTY ID CALULATOR

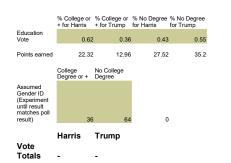
Vote Totals -

ADJUSTED GENDER ID CALCULATOR



ADJUSTED EDUCATION ID CALCULATOR





ADJUSTED RACIAL DEMOS CALCULATOR

Racial ID based on Racial Vote	White	Black	Latino	Asian	_		
	81	12	2 3	3 1			
Racial Vote	% White for Harris	% White for Trump	% Black for Harris	% Black for Trump	% Latino for Harris	% Latino % Asian for for Trump Harris	% Asian for Trump

INFERRED GENDER ID CALCULATOR

Gender ID	Women	Men			
based on Gender Vote	54		46		
	% Women for Harris	r % Worr Trump		% Men for Harris	% Men for Trump
Gender Vote	0.51		0.47	0.47	0.49
Points earned	27.54 Women	l Men	25.38	21.62	22.54
Assumed Gender ID (Experiment until result matches poll result)	54	1	46		
	Harris	Trump			
Vote Totals	49.16	6	47.92		

INFERRED EDUCATION ID CALCULATOR

Education ID based on	College Degree or +Degree	No College Degree
education Vote		

	% College or + for Harris	% College or + for Trump	% No Degree for Harris	% No Degree for Trump
Education Vote	0.51	0.47	0.48	0.49
Points earned	18.36	16.92	30.72	31.36
	College Degree or +	No College Degree		
Assumed Gender ID (Experiment until result matches poll result)	36	64	. 0	
,	Harris	Trump		
Vote Totals	49.08	48.28		

INFERRED RACIAL DEMOS CALCULATOR

Racial ID based on Racial Vote	White	Black	Latino	Asian
		79	13	4

% White for % White for % Black for % Black for % Latino for % Latino for Racial Vote Harris Trump Harris Trump other other Page 2

		0.45	0.53	0.78	0.15	0.45	0.52	0.52	0.45
Points earned		36.45	42.93	9.36	1.8	1.35	1.56	0.52	0.45
Assumed									
Racial ID	White	Black	Latino	Asian					
		81	12	3	1				
	Harris	s Trur	np						
Vote Totals									
Totals	-	-							

ADJUSTED AGE ID CALCULATOR

Sheet1									
0		0.45	0.52	0.75	0.21	0.44	0.49	0.43	0.52
Points e	arned	35.55	41.08	9.75	2.73	1.76	1.96	2.15	2.6
Assume Racial II		e Black	Latino	other					
		79	13	4	5				
	Harris	s Trump							

Vote Totals 49.21 48.37

5	TED	AGE I	D CAL	CULATO	DR				INFERI	RED	AGE I	D CAL	CULAT	OR				
	18-34	³⁵⁻⁴⁹	⁵⁰⁻⁶⁴	^{65+.} 29	30				Age ID	18-34	35-49 25	⁵⁰⁻⁶⁴	^{65+.}	24				
	2020 Exit 18-34	Poll 2020 Ex 18-34 0.6	kit Poll 2020 E 35-49 0.38	Exit Poll 2020 Ex 35-49 0.48	50-64			2024 Poll 65+. 0.53		18-34	Poll 2020 E 18-34 0.49	xit Poll 2020 E 35-49 0.51	xit Poll 2020 35-49 0.47		Poll 202- 50-6 0.5		24 Poll +. 0.49	2024 Poll 65+. 0.49
d		11.4	7.22	10.56		3.05 15.08	14.1	15.9	Points earned		2.25	12.75	10.34	10.34	13.5	12.42	11.76	
	18-34	35-49	50-64	65+.	Must = 100	-				18-29	30-44	45-64	65+.	Must :	= 100			
je ent		19	22	29	30	0			Assumed Age ID (Experiment until result matches poll result)		25	22	27	24	0			
	Harris								,	Harris	Trump							
	-	-							Vote Totals	4	7.85	47.27						

Vote --

Age ID

Age Vote

Points earned

Assumed Age ID (Experiment until result matches poll result)

Totals

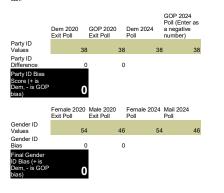
FINAL ADJUSTED V	OTE – AVERAGE OF ALL BOLD FACED TOTALS IN
CALCULATORS AB	OVE
HARRIS TRUMP	

-	-	~~~~~~
-		

Adjusted Poll Bias Score 0, no bias

Bias	Party ID	Gender		Education	Region		Racial Demo	Age Dem	10
Multiplier (Level of Bias									
Significan ce)		7	5	5 7	7	3	5		5
Bias by Cateogry		0	c) ()	0	0		0
OVERALL 2024 POLL BIAS (+ is Dem, - is GOP bias)		0 _{scale>>} :	>	NO SIGNIFICANT BIAS, ACCEPTABLE (0-50)	DEFINITE BIAS, EXCESSIV (50-100)	E	SEVERE BIAS (100+)		

VICULUES VIC



	College Degree or + 2020 Exit Poll	No College Degree or + 2020 Exit Poll		No College Degree or + 2024 Poll
Education Values	36	64	36	64
Education Bias	0	C		

ducation Bias	_									
nal Score (+										
Dem, - is OP bias)	(
)		-								
	Northeast	South 2020	Midurant 202	0 West 2020	North- east 2024		Midwest 2024	West 2024		
	2020 Exit Po		Exit Poll	Exit Poll	Poll	Poll	Poll	Poll		
egional										
alues ational polls										
ıly) .										
egional Bias ational Polls										
nly)		0	0	0	0					
ore (+ is em, - is GOP	(
ore (+ is em, - is GOP	(D								
ore (+ is em, - is GOP	()								
ore (+ is em, - is GOP		4				Black		Asian		
ore (+ is em, - is GOP	White 2020 Exit Poll	Black 2020 Exit Poll	Latino 2020 Exit Poll	Asian 2020 Exit Poll	White 2024 Poll	2024	Latino 2024 Poll	Asian 2024 Poll		
ore (+ is em, - is GOP as)	White 2020 Exit Poll	Black 2020 Exit Poll	Exit Poll	Exit Poll	2024 Poll	2024 Poll	2024 Poll	2024 Poll		
ore (+ is em, - is GOP as) acial ID rcentage	White 2020	Black 2020 Exit Poll				2024 Poll	2024 Poll	2024 Poll	I	
acial ID rcentage acial Polling mple Bias	White 2020 Exit Poll	Black 2020 Exit Poll	Exit Poll	Exit Poll	2024 Poll	2024 Poll	2024 Poll	2024 Poll	I	
acial ID ercentage acial Polling ample Bias	White 2020 Exit Poll	Black 2020 Exit Poll	Exit Poll	Exit Poll	2024 Poll	2024 Poll	2024 Poll	2024 Poll		
acial ID ercentage acial Polling ample Bias acial Bias acial Bias acial Bias acial Bias acial Bias	White 2020 Exit Poll	Black 2020 Exit Poll	Exit Poll	Exit Poll	2024 Poll	2024 Poll	2024 Poll	2024 Poll	I	
acial ID ercentage acial Polling ample Bias acial Bias acial Bias acial Bias acial Bias acial Bias	White 2020 Exit Poll	Black 2020 Exit Poll	Exit Poll	Exit Poll	2024 Poll	2024 Poll	2024 Poll	2024 Poll	I	
acial ID ercentage acial Polling ample Bias acial Bias acial Bias acial Bias acial Bias acial Bias	White 2020 Exit Poll	Black 2020 Exit Poll	Exit Poll	Exit Poll	2024 Poll	2024 Poll	2024 Poll	2024 Poll		
core (+ is enn, - is GOP acial ID rocentage acial Polling imple Blas acial Blas sore (+ is enn, - is GOP as)	White 2020 Exit Poll 8	Black 2020 Exit Poll 1 0 35-49	Exit Poll 12 0 50-64	Exit Poll 3 0 65+.	2024 Poll 1 81 0	2024 Poll 12 18-34	2024 Poll 335-49	2024 Poll 3 1 50-64	65+.	Acc ID
egional Bias core (+ is sm, - is GOP as) acial ID procentage acial Polling ample Bias acial Bias core (+ is am, - is GOP as) ge ID the Bias	White 2020 Exit Poll 8	Black 2020 Exit Poll 1 0 35-49 9 2	Exit Poll 12 0 50-64 22 2	Exit Poll 3 0 65+. 29	2024 Poll 1 81 0 30 0	2024 Poll 12 18-34	2024 Poll 335-49	2024 Poll 3 1 50-64	65+.	Age ID
core (+ is am, - is GOP as) acial ID proentage acial Polling ample Bias acial Bias core (+ is em, - is GOP as)	White 2020 Exit Poll 8	Black 2020 Exit Poll 1 35-49 9 2	Exit Poll 12 0 50-64 22 2	Exit Poll 3 0 65+.	2024 Poll 1 81 0	2024 Poll 12 18-34	2024 Poll 335-49	2024 Poll 3 1 50-64	65+.	Age ID Age Bias Age Bias Score