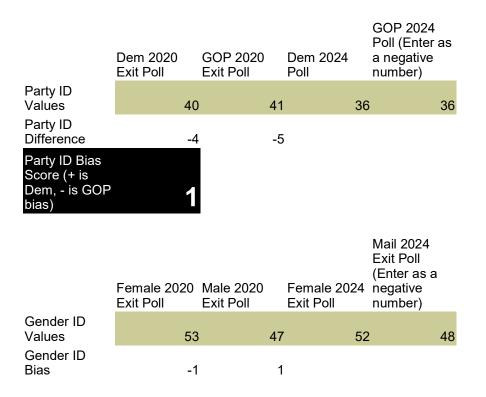
### Insider Adv, PA, 9/14-9/15 -20, Mild Bias, Acceptable POLL BIAS CACLULATOR



Understanding the Overall Poll Bias Score – A perfect bias score as compared to the 2020 exit polls 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 polls 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 pollsters 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.



Final Gender ID Bias (+ is Dem, - is GOP bias)

 College Degree or + 2020 Exit Poll
 No College Degree or + 2020 Exit Poll
 No College Degree or + 2024 Poll

 Education Values
 0
 0

 Education Bias Final Score (+ is Dem, - is GOP bias)
 0

	Northeast 2020 Exit Poll	South 2020 Exit Poll	Midwest 20 Exit Poll	20 West 2020 Exit Poll	Northeast 2024 Poll	South 2024 Poll
Regional Values (national polls only)						
Regional Bias (National Polls Only)	C	)	0	0	0	
Regional Bias Score (+ is Dem, - is GOP bias)	0					

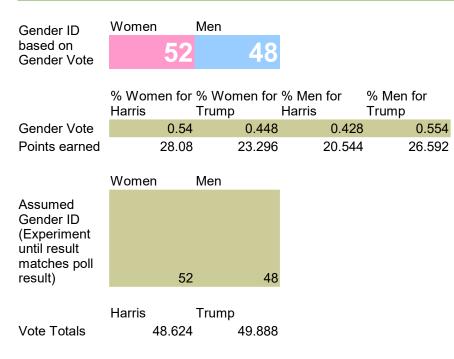
	White 2020 Exit Poll	Black 2020 Exit Poll	Asian 2020 Exit Poll	Latino 2020 Exit Poll	White 2024 Exit Poll	4 Black 2024 Exit Poll	
Racial ID percentage	8	1 1	1	1	5	82	9
Racial Polling Sample Bias		1 -	2	0	-1		
Racial Bias Score (+ is Dem, - is GOP bias)	-4						

# PARTY ID CALULATOR

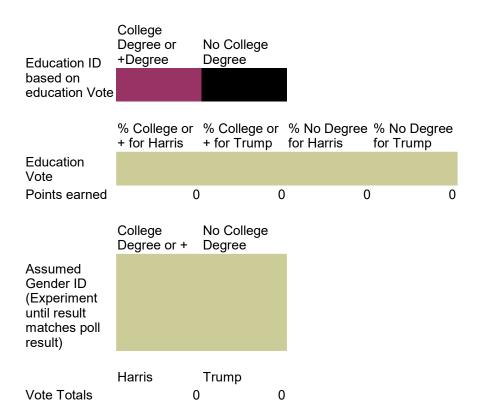
Inferred (Most Dem Ind GOP

					Sheet	1			
Likely) Party ID Assumed by Pollster	30	3	28		36				
	% Dem for Harris	% Dem Trump	for	% Ind Harris	for	% Ind for Trump	% GOP for Trump	% GOP f Harris	or
Party Vote:	0.89	9	0.085		0.449	0.534	0.886	(	0.103
Points earned	32.36	4	3.06		12.572	14.952	31.896	3	3.708
	Dem	Ind		GOP					
Assumed Party ID (Experiment until result matches poll									
result)	3	6	28		36				
	Harris	Trump							
Vote Totals	48.64	•	49.908						

# **GENDER ID CALCULATOR**



### **EDUCATION ID CALCULATOR**

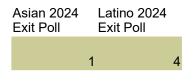


# **RACIAL DEMOS CALCULATOR**

Racial ID based on Racial Vote	White	81	Black	11	Latino	5	Asian	1				
Racial Vote	% Whi Harris	te for	% Whi Trump		% Blacl Harris	k for	% Blacl Trump	k for	% Latin Harris	o for	% Latin Trump	o for
		0.456	;	0.527		0.737	7	0.263	5	0.611		0.389
Points earned		36.936	;	42.687		8.107	,	2.893	5	3.055	;	1.945
Assumed Racial ID	White		Black		Latino		Asian					
		81		11		Ę	5	1				
Vote Totals	Harris	48.542	Trump 2	48.081	comes adjustr	out slig nents u	ghtly ahe inless th	ead. I o e over	ial turnou do not m all bias s some de	ake th core i	iese s greatei	



Midwest 2024 West 2024 Poll Poll





% Asian for Harris	% Asian for Trump				
0.444	0.556				
0.444	0.556				