

## Méthodes comparatives et statistiques en Science politique

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### Séance 11. Documents



#### • Race, income and Presidential vote

Income	Presidential vote 2004		
	John Kerry		G.W. Bush
<b>Low income</b>			
White	47,6%		52,4%
Black	90,2%		9,8%
Hispanic	62,5%		37,5%
<i>Sub-total</i>	<i>57,1%</i>		<i>42,9%</i>
<b>High income</b>			
White	39,0%		61,0%
Black	87,8%		12,2%
Hispanic	65,4%		34,6%
<i>Sub-total</i>	<i>45,9%</i>		<i>54,1%</i>
<b>All</b>	<b>49,2%</b>		<b>50,8%</b>

$\chi^2=29.892$  ddl=2     $p=0.000$  (Low income)     $n=254$   
 $\chi^2=47.786$  ddl=2     $p=0.000$  (High income)     $n=447$

## Vote by Income and Race







Total	 Obama	 McCain	 Other/No Answer
<b>Whites Under \$50,000</b> (25%)	47%	51%	2%
<b>Whites Over \$50,000</b> (49%)	43%	56%	1%
<b>Non-Whites Under \$50,000</b> (13%)	86%	13%	1%
<b>Non-Whites Over \$50,000</b> (13%)	75%	22%	3%

Tableau croisé RACE Ethnic Group \* VOTE2004 Presidential vote 2004

			VOTE2004 Presidential vote 2004		Total
			1,00 John Kerry	3,00 George W. Bush	
RACE Ethnic Group	00 White	Effectif	253	364	617
		% dans RACE Ethnic Group	41,0%	59,0%	100,0%
		% dans VOTE2004 Presidential vote 2004	66,1%	92,2%	79,3%
1,00 Black		Effectif	102	14	116
		% dans RACE Ethnic Group	87,9%	12,1%	100,0%
		% dans VOTE2004 Presidential vote 2004	26,6%	3,5%	14,9%
4,00 Hispanic		Effectif	28	17	45
		% dans RACE Ethnic Group	62,2%	37,8%	100,0%
		% dans VOTE2004 Presidential vote 2004	7,3%	4,3%	5,8%
Total		Effectif	383	395	778
		% dans RACE Ethnic Group	49,2%	50,8%	100,0%
		% dans VOTE2004 Presidential vote 2004	100,0%	100,0%	100,0%

## Vote by Race

Total	 Obama	 McCain	 Other/No Answer
White (74%)	43%	55%	2%
African-American (13%)	95%	4%	1%
Latino (9%)	67%	31%	2%
Asian (2%)	62%	35%	3%
Other (3%)	66%	31%	3%

CNN Exit poll. US presidential election 2008

## Régression logistique sur vote 2004-socio-démographiques + variables idéologiques

% correctement prédits = 88.2%

### REPUBLICAN VOTE

	B	E.S.	Wald	ddl	Signif.	Exp(B)
Female (male=REF)	,168	,289	,337	1	,562	1,183
Under 30=REF						
30-44 yrs	,567	,482	1,383	1	,240	1,763
45-64 yrs	,446	,448	,992	1	,319	1,562
65 yrs +	,020	,519	,002	1	,969	1,021
White=REF						
Black	-2,748	,611	20,191	1	,000 **	,064
Hispanic	-,374	,603	,384	1	,536	,688
INCOME (scale)	,010	,030	,116	1	,733	1,010
EDUC(scale)	,011	,101	,013	1	,910	1,012
LIBCONS(scale)	,905	,131	47,526	1	,000 **	2,471
Party ID Dem.=REF						
Independent	1,670	,375	19,846	1	,000 **	5,310
Republican	3,883	,451	74,268	1	,000 **	48,569
Constante	-6,154	,920	44,733	1	,000	,002

a Variable(s) entrées à l'étape 1 : GENDER, AGE, RACE, INCOME, EDUC, LIBCONS, PARTY\_ID1.