## Chapter 17. "Social inequalities and the politicization of ethnic cleavages in Botswana, Ghana, Nigeria, and Senegal, 1999-2019"

## Jules BALEYTE, Amory GETHIN, Yajna GOVIND, Thomas PIKETTY

## Appendix A: Botswana figures, tables and raw results

Main figures						
Figure A1	Election results in Botswana, 1965-2016					
Figure A2	Ethnolinguistic educational inequalities in Botswana					
Figure A3	Vote for the Botswana Democratic Party by language					
Figure A4	Vote for the Botswana Democratic Party among rural areas					
Figure A5	Vote for the Botswana Democratic Party among higher-educated voters					
	Appendix figures - Structure of the Botswana population					
Figure AA1	The composition of the electorate by education					
Figure AA2	The composition of the electorate by age					
Figure AA3	The composition of the electorate by religion					
Figure AA4	The composition of the electorate by location					
Figure AA5	The composition of the electorate by linguistic group					
Figure AA6	The composition of the electorate by occupation					
Figure AA7	Composition of education by language, 2004					
Figure AA8	Composition of education by language, 2019					
Figure AA9	Rural-urban composition of education, 1999					
Figure AA10	Rural-urban composition of education, 2019					
Figure AA11	Occupational composition of education, 2004					
Figure AA12	Occupational composition of education, 2019					
Figure AA13	The composition of the electorate by region					
Figure AA14	Regional composition of education, 2004					
Figure AA15	Regional composition of education, 2019					
Figure AA16	Linguistic composition of regions, 2004					
Figure AA17	Linguistic composition of regions, 2019					
	Appendix figures - Structure of the vote for BDP					
Figure AB1	Vote for BDP by educational level					
Figure AB2	Vote for BDP by education group					

Figure AB3	Vote for BDP by location			
Figure AB4	Vote for BDP by region			
Figure AB5	Vote for BDP by ethnolinguistic group			
•				
Figure AB6	Vote for BDP by age group			
Figure AB7	Vote for BDP by gender			
Figure AB8	Vote for BDP by religion			
Figure AB9	Vote for BDP by employment status			
Figure AB10	Vote for BDP by occupation			
Figure AC1	Vote for BDP among highest-educated voters			
Figure AC2	Vote for BDP among university graduates			
Figure AC3	Vote for BDP among lower-educated voters			
Figure AC4	Vote for BDP among women			
Figure AC5	Vote for BDP among rural areas			
Figure AC6	Vote for BDP among Tswana speakers			
Figure AC7	Vote for BDP among farmers			
Appendix tables				
Table C1	Survey data sources			
Table C2	Complete descriptive statistics			

100% Botswana Democratic Party 90% 80% Other parties / independents Share of popular vote (%) 70% 60% 50% 40% 30% 20% 10% 0% 1970 1965 1975 1980 1985 1990 1995 2000 2005 2010 2015 2020

Figure A1 - Election results in Botswana, 1965-2019

Source: authors' computations using official election results.

**Note**: the figure shows the share of votes received by selected groups of political parties in Botswana in general elections between 1965 and 2019.

100% 90% 80% 70% 60% 50% 40% 30%

Figure A2 - Ethnolinguistic educational inequalities in Botswana

**Primary** 

Kalanga

Illiterate

■ Sotho-tswana

10%

0%

Note: the figure shows composition of education groups by language of the population in Botswana in 2019.

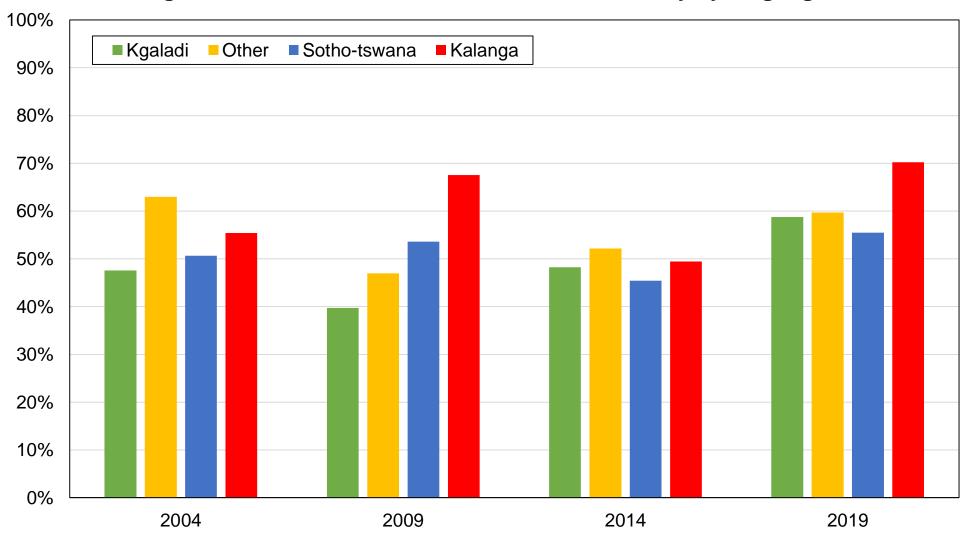
Secondary

■ Kgaladi

**Tertiary** 

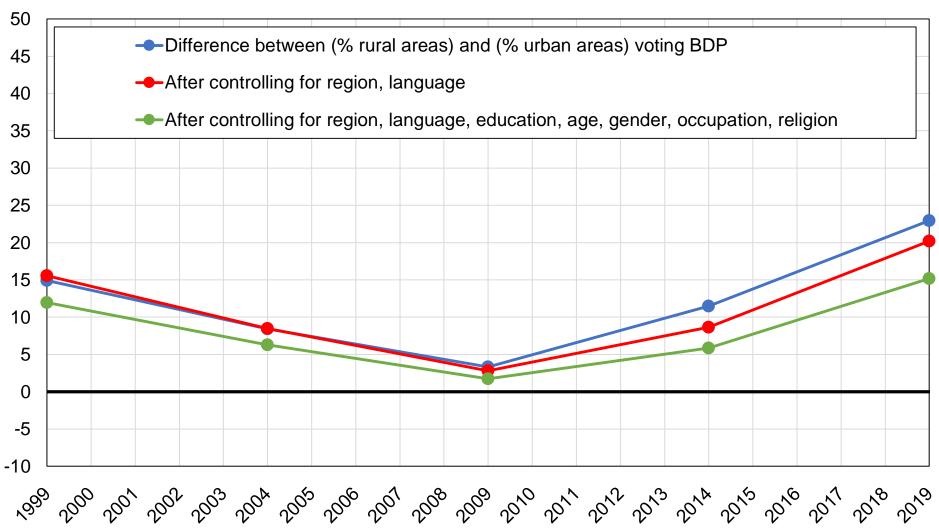
Other

Figure A3 - Vote for the Botswana Democratic Party by language



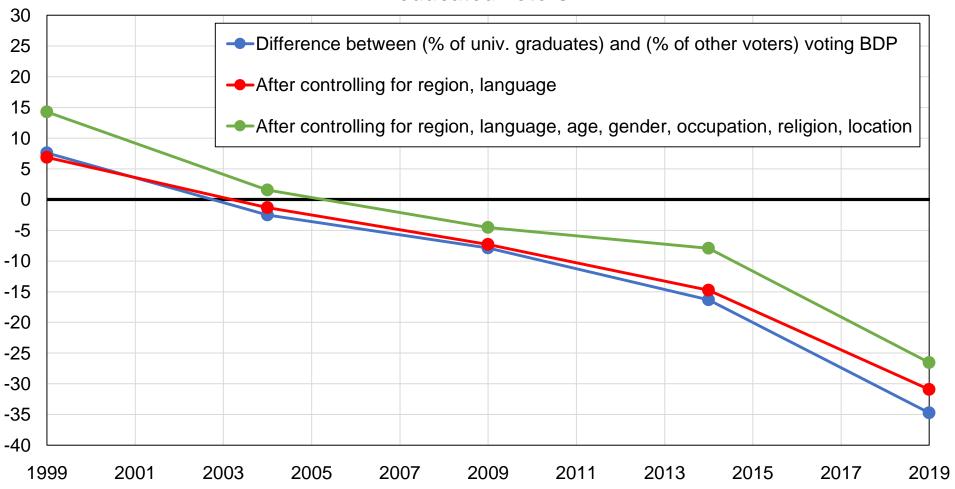
Note: the figure shows the share of votes received by BDP by language.

Figure A4 - Vote for the Botswana Democratic Party among rural areas



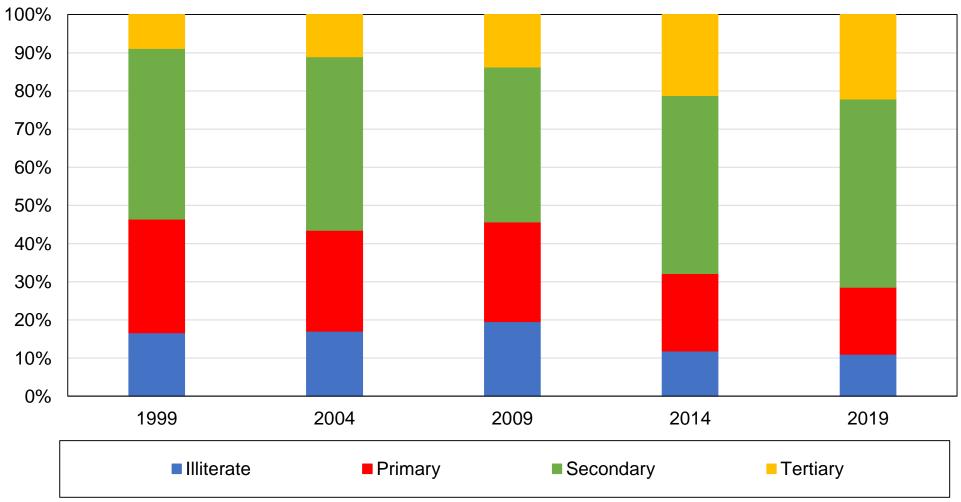
**Note**: the figure shows the difference between the share of voters from rural areas and the share of other voters voting for BDP, before and after controlling for other variables.

Figure A5 - Vote for the Botswana Democratic Party among highereducated voters



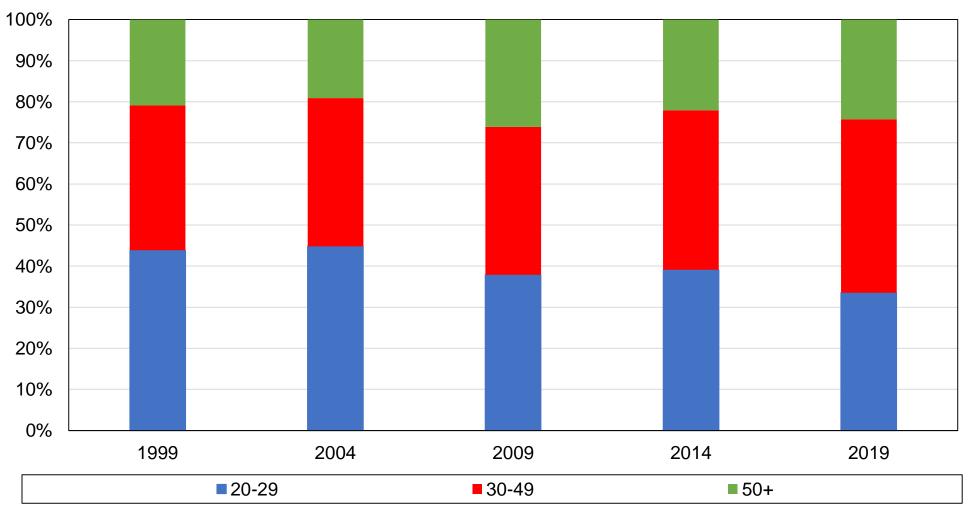
**Note**: the figure shows the difference between the share of university graduates and the share of other voters voting for BDP, before and after controlling for other variables.

Figure AA1 - The composition of the electorate by education



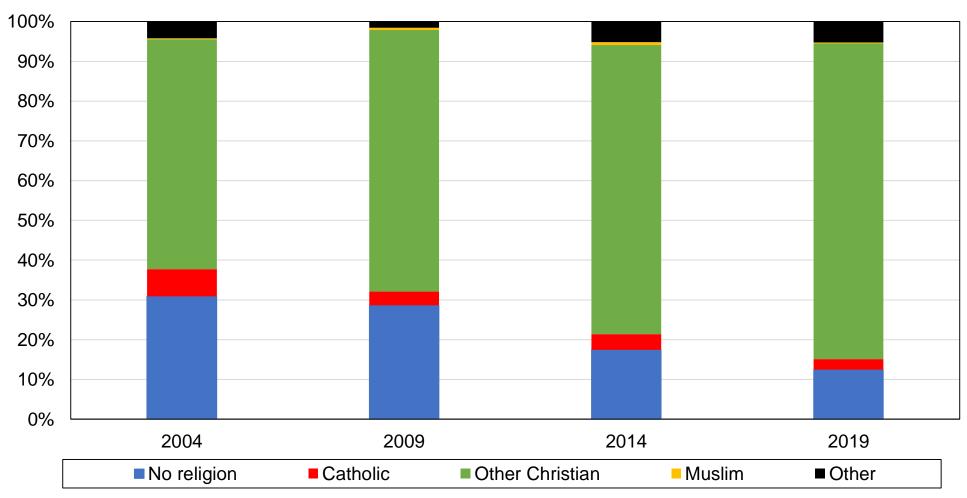
**Note**: the figure shows the distribution of education levels of the adult population in Botswana and its evolution over time.

Figure AA2 - The composition of the electorate by age



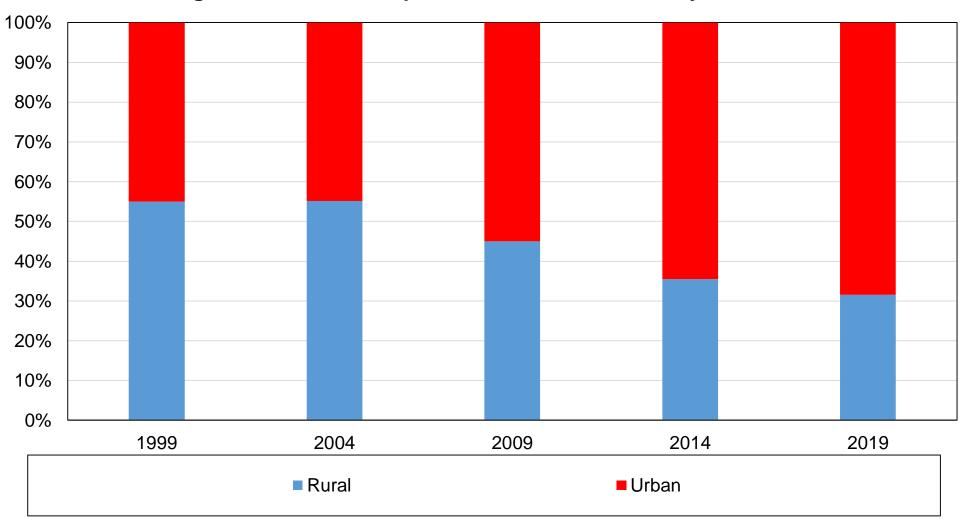
**Note**: the figure shows the distribution of age groups in the adult population in Botswana and its evolution over time.

Figure AA3 - The composition of the electorate by religion



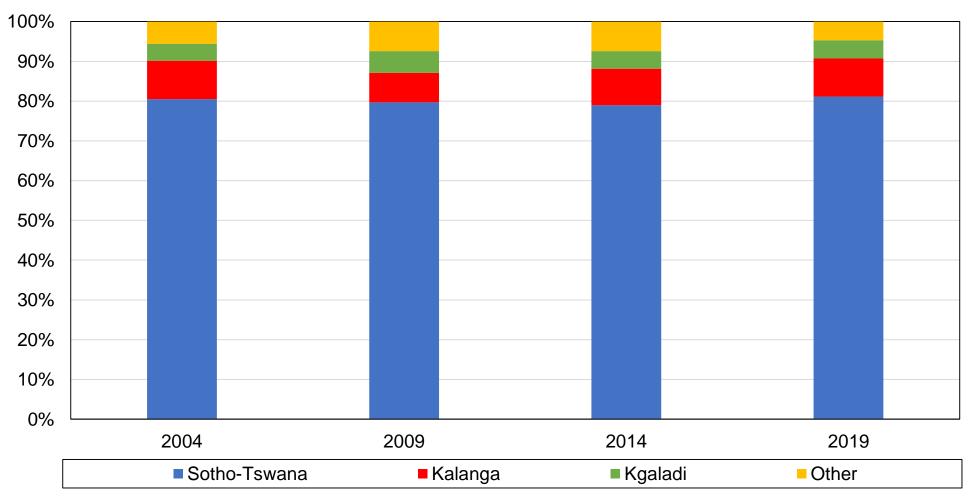
**Note**: the figure shows the distribution of religious affiliations in the adult population in Botswana and its evolution over time.

Figure AA4 - The composition of the electorate by location



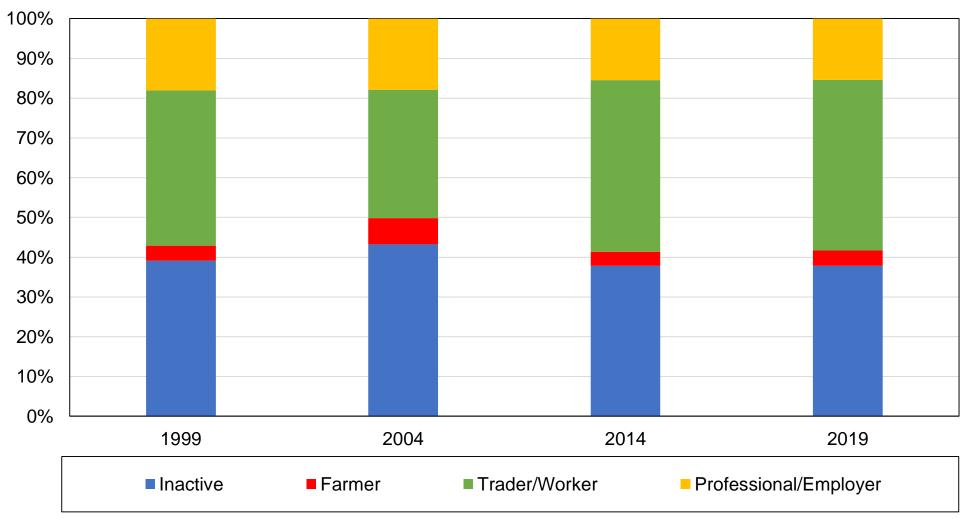
Note: the figure shows the share of rural and urban adult population in Botswana and its evolution over time.

Figure AA5 - The composition of the electorate by language



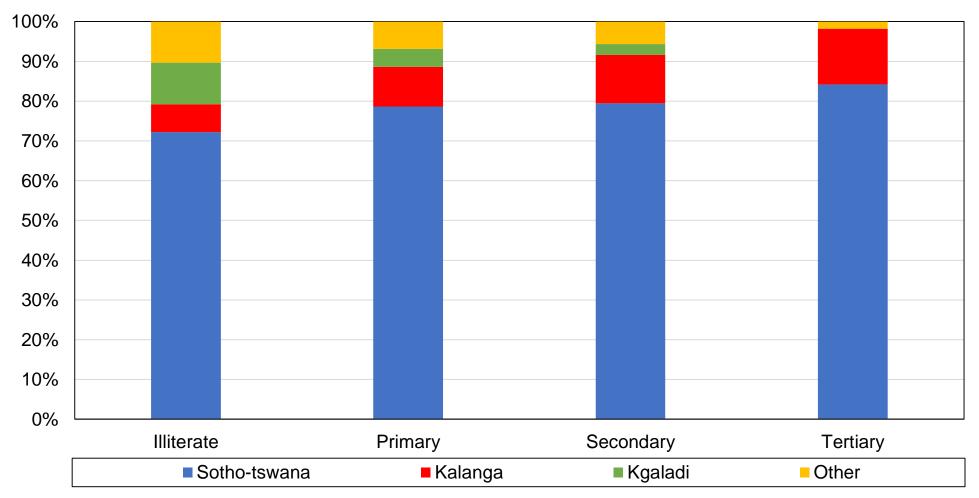
**Note**: the figure shows the distribution of languages in the adult population in Botswana and its evolution over time.

Figure AA6 - The composition of the electorate by occupation



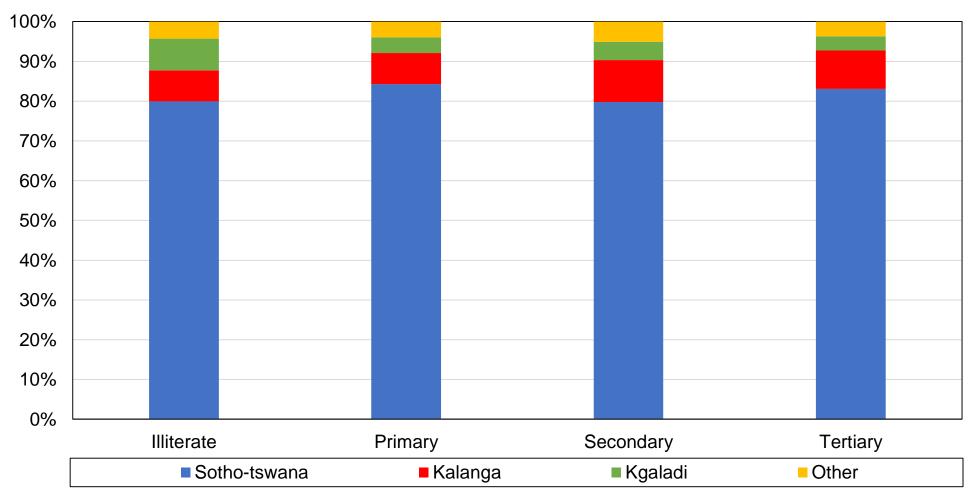
**Note**: the figure shows the distribution of occupations in the adult population in Botswana and its evolution over time.

Figure AA7- Linguistic composition of education, 2004



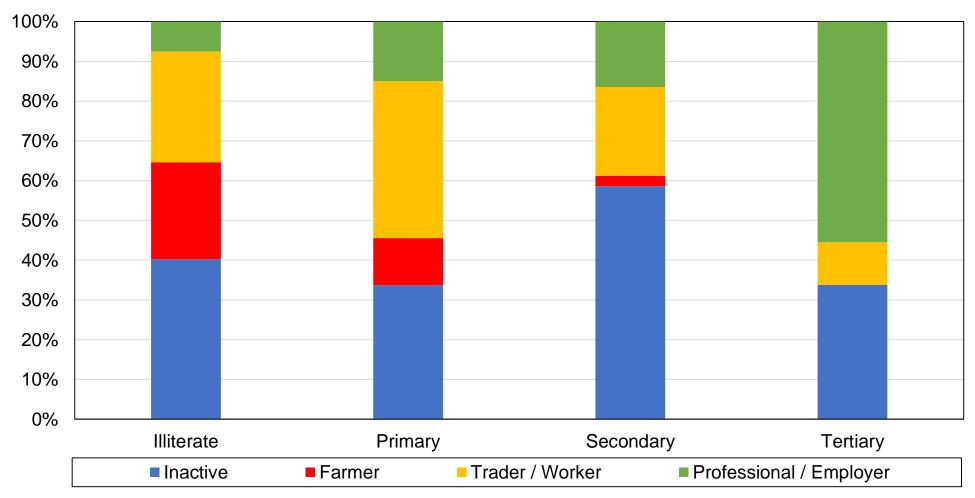
**Note**: the figure shows composition of education groups by language of the population in Botswana in 2004.

Figure AA8 - Linguistic composition of education, 2019



Note: the figure shows composition of education groups by language of the population in Botswana in 2019.

Figure AA9 - Occupational composition of education, 2004



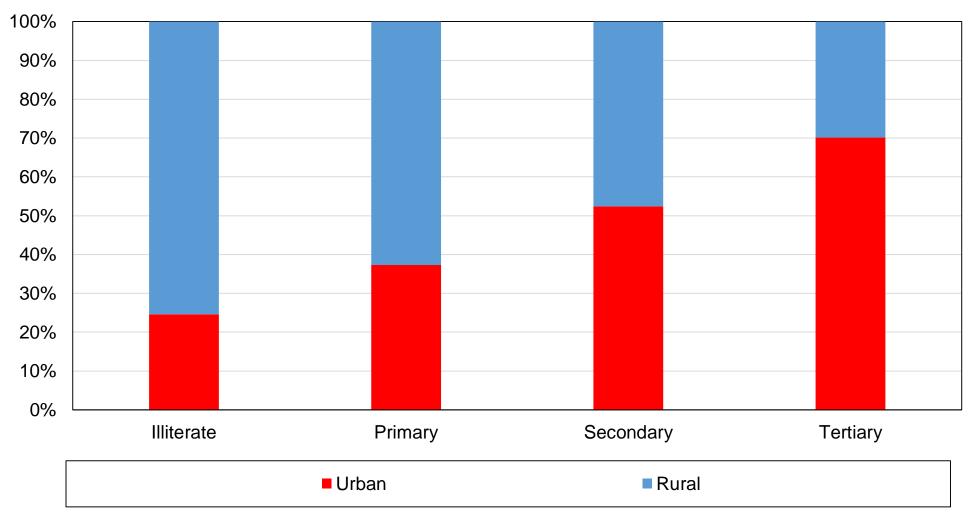
Note: the figure shows the composition of education groups by occupation of the population in Botswana in 2004.

Figure AA10 - Occupational composition of education, 2019



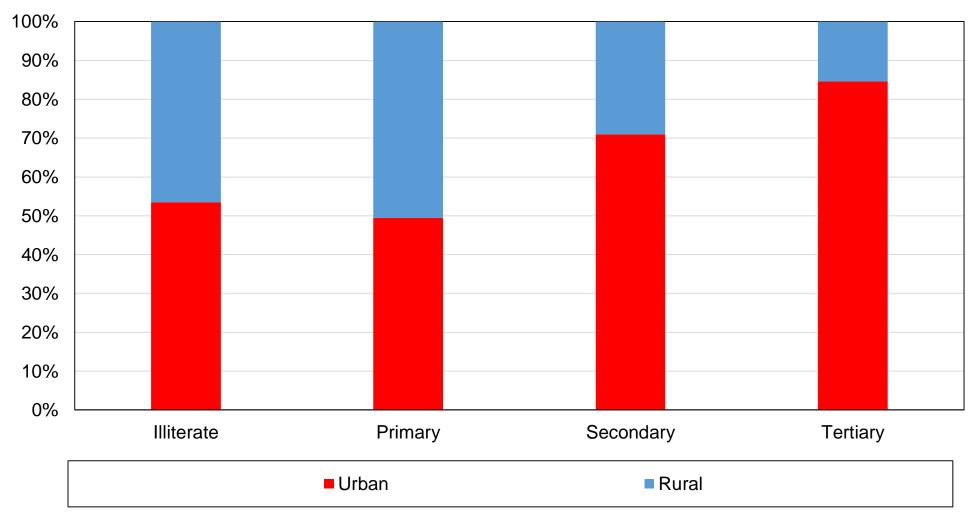
Note: the figure shows the composition of education groups by occupation of the population in Botswana in 2019.

Figure AA11 - Rural-urban composition of education, 2004



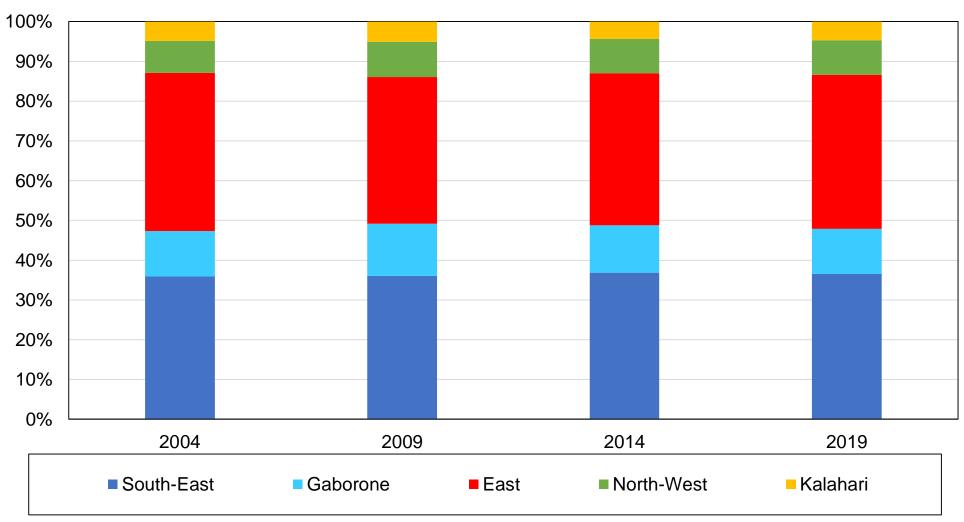
**Note**: the figure shows the distribution of education groups by location in 2004 in Botswana.

Figure AA12 - Rural-urban composition of education, 2019



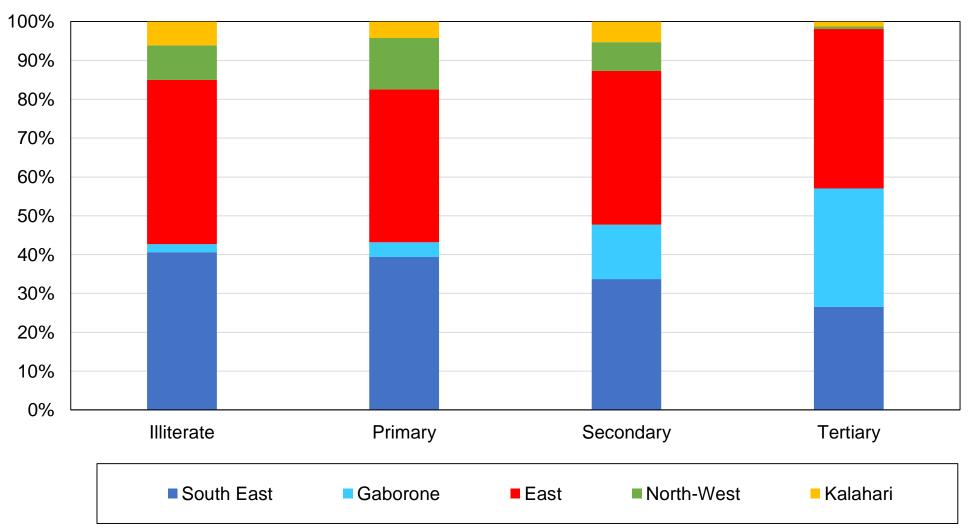
**Note**: the figure shows the distribution of education groups by location in 2019 in Botswana.

Figure AA13 - The composition of the electorate by region



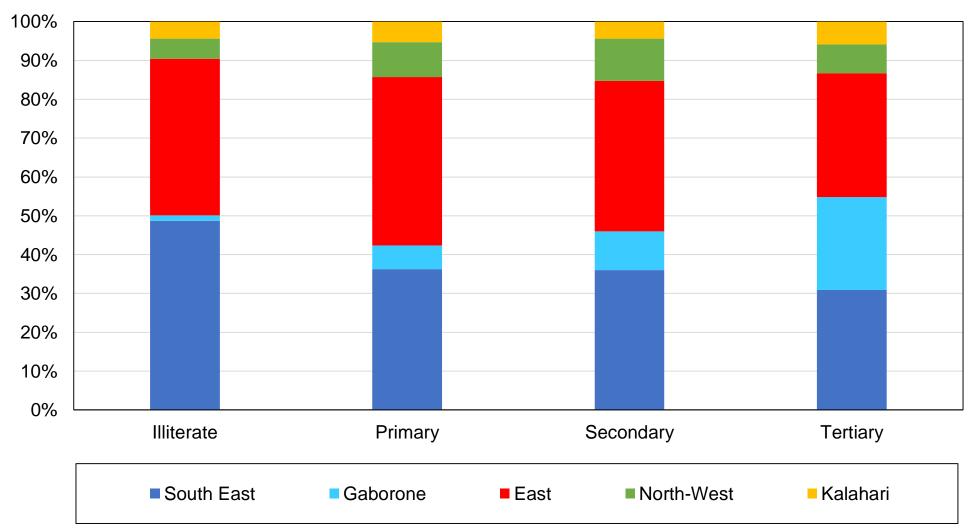
**Note**: the figure shows the distribution of regions in the adult population in Botswana and its evolution over time.

Figure AA14 - Regional composition of education, 2004



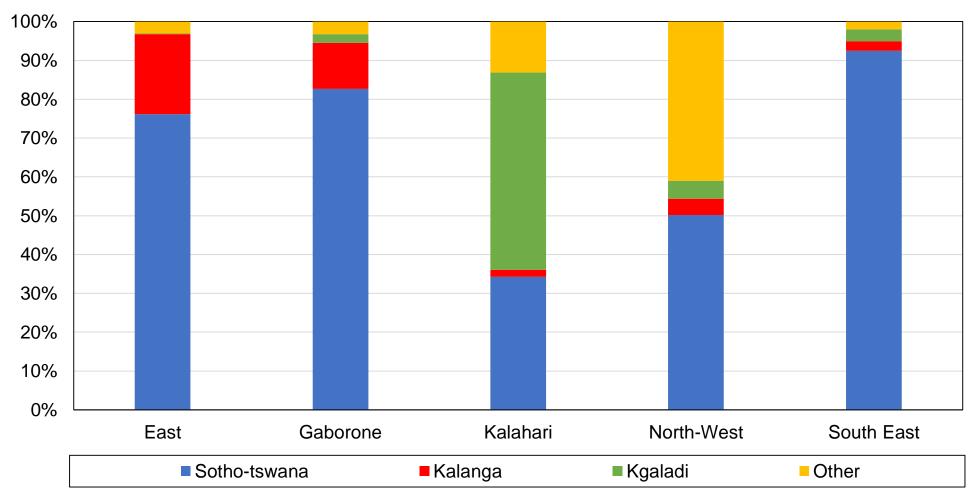
**Note**: the figure shows the composition of education groups by region in Botswana in 2004.

Figure AA15 - Regional composition of education, 2019



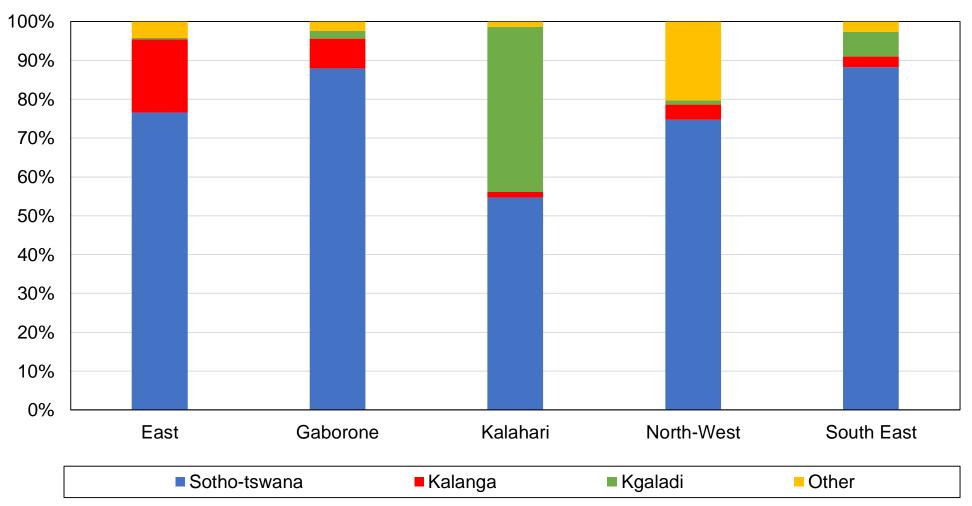
**Note**: the figure shows the distribution of education groups by region in Botswana in 2019.

Figure AA16 - Linguistic composition of regions, 2004



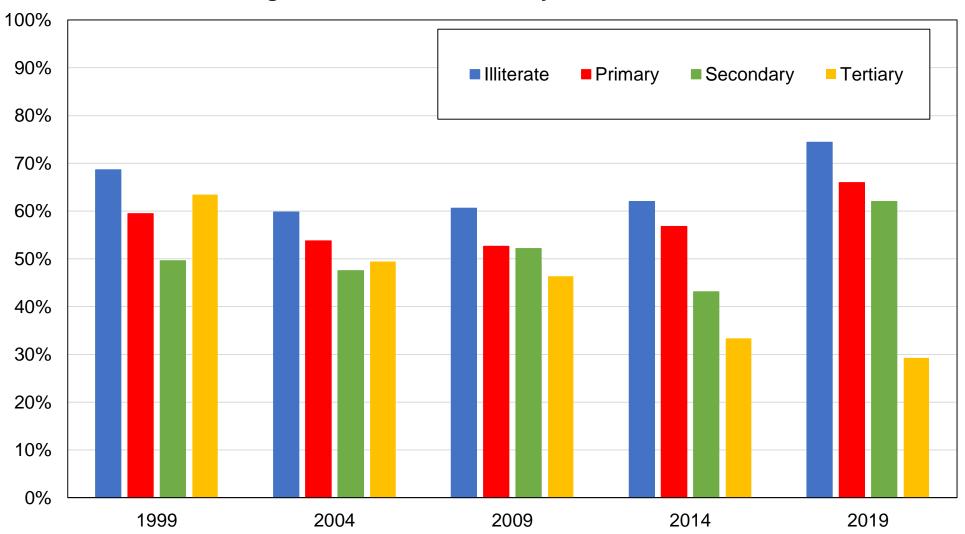
Note: the figure shows the distribution of languages among regions in Botswana in 2004.

Figure AA17 - Linguistic composition of regions, 2019



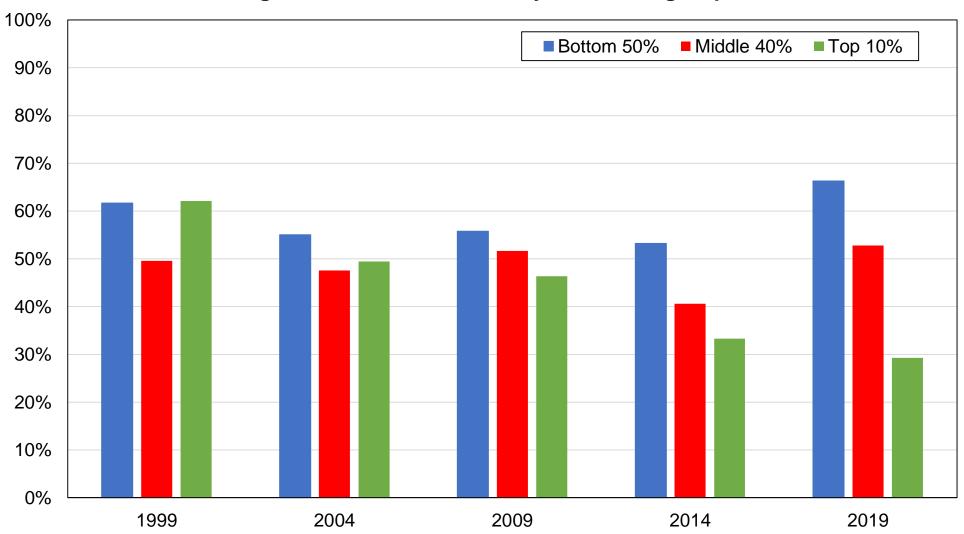
Note: the figure shows the distribution of languages among regions in Botswana in 2019.

Figure AB1 - Vote for BDP by education level



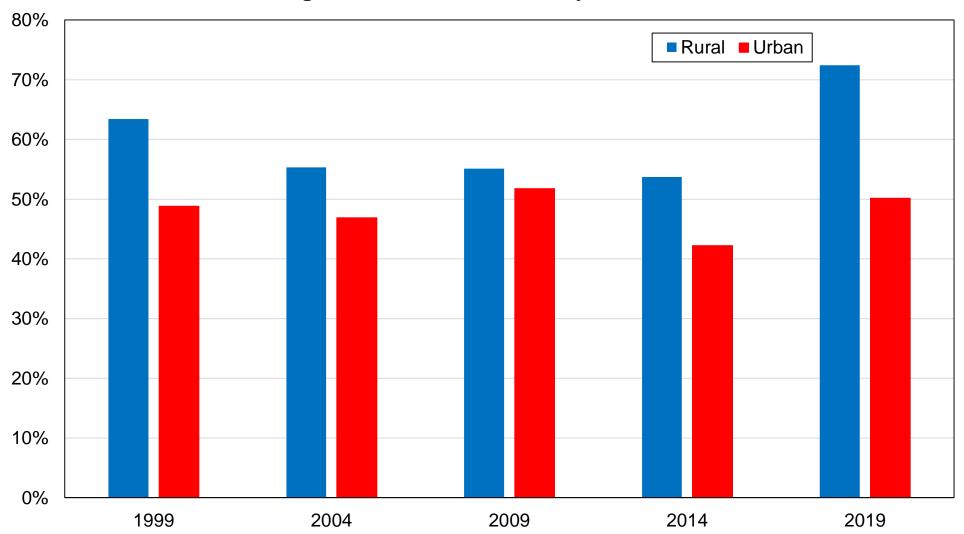
Note: the figure shows the share of votes received by the BDP by education level.

Figure AB2 - Vote for BDP by education group



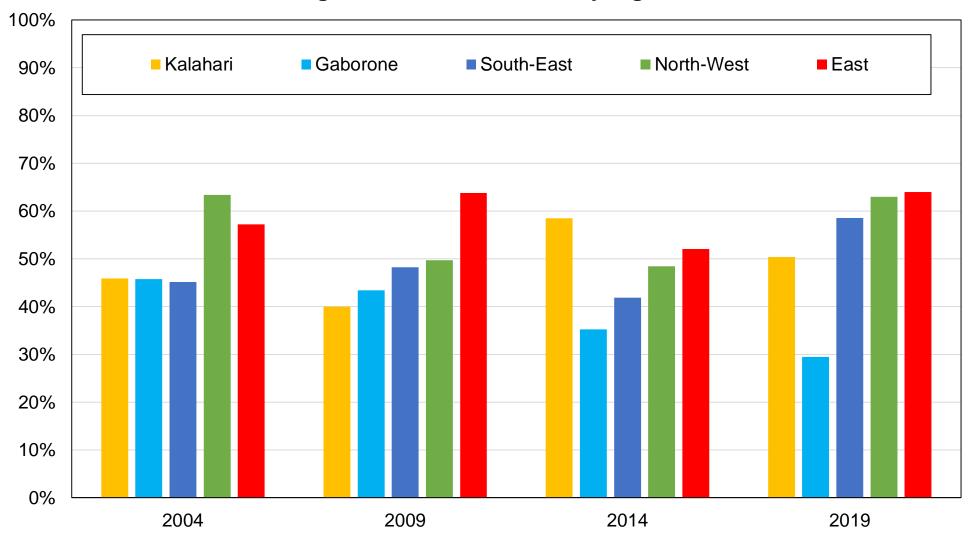
**Note**: the figure shows the share of votes received by the BDP by education group.

Figure AB3 - Vote for BDP by location



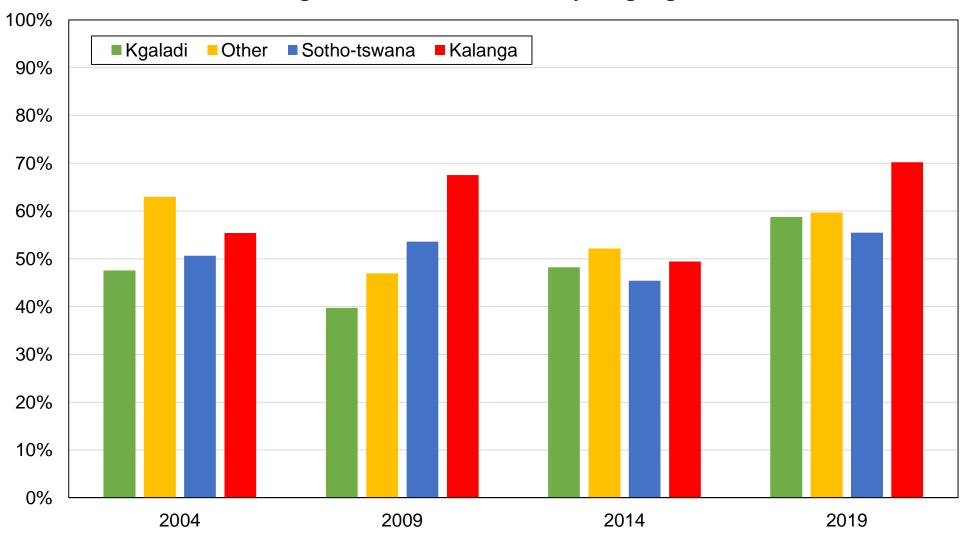
**Note**: the figure shows the share of votes received by BDP by location.

Figure AB4 - Vote for BDP by region



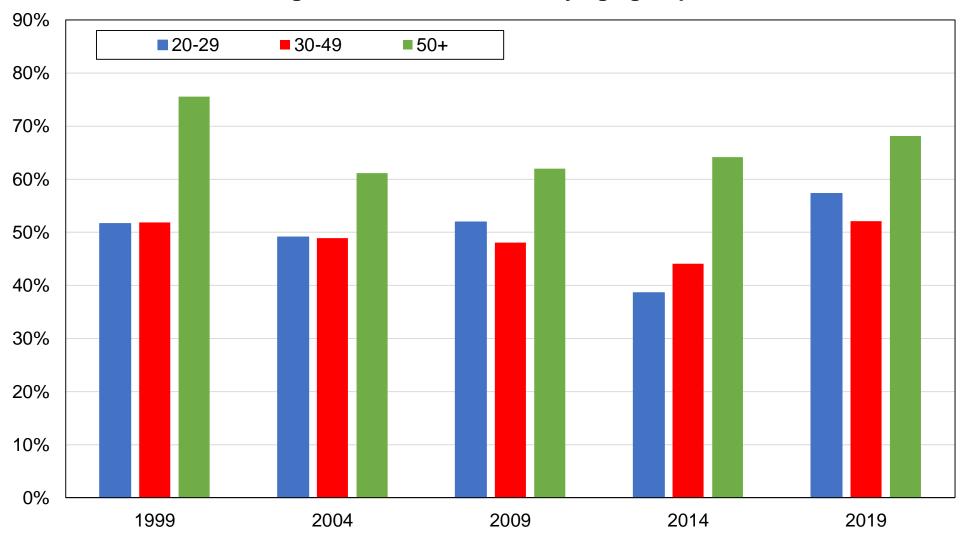
**Note**: the figure shows the share of votes received by BDP by region.

Figure AB5 - Vote for BDP by language



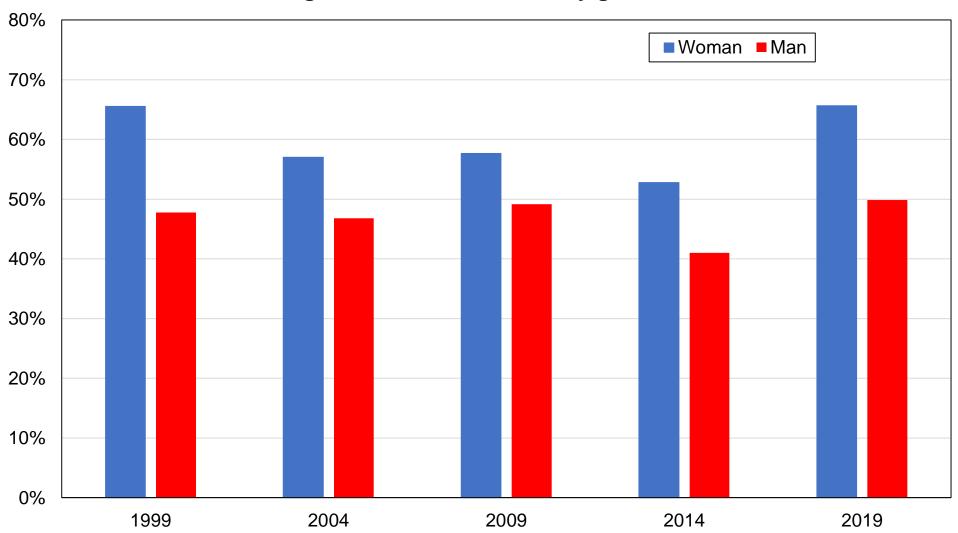
**Note**: the figure shows the share of votes received by BDP by language.

Figure AB6 - Vote for BDP by age group



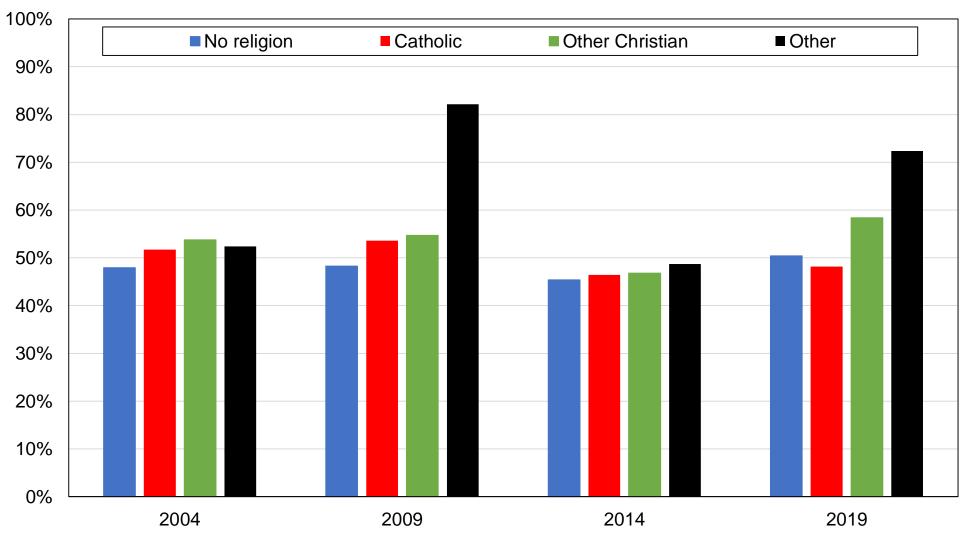
**Note**: the figure shows the share of votes received by BDP by age group.

Figure AB7 - Vote for BDP by gender



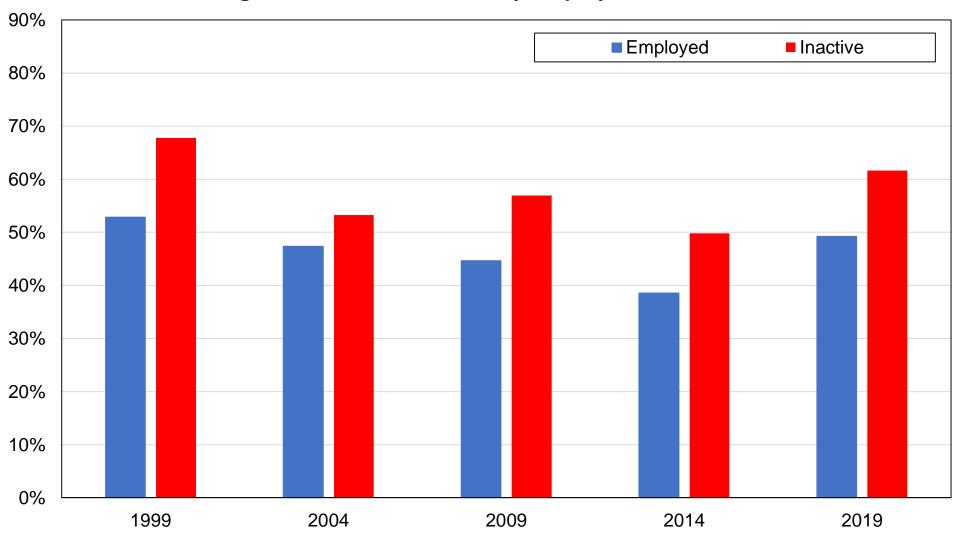
Note: the figure shows the share of votes received by BDP by gender.

Figure AB8 - Vote for BDP by religion



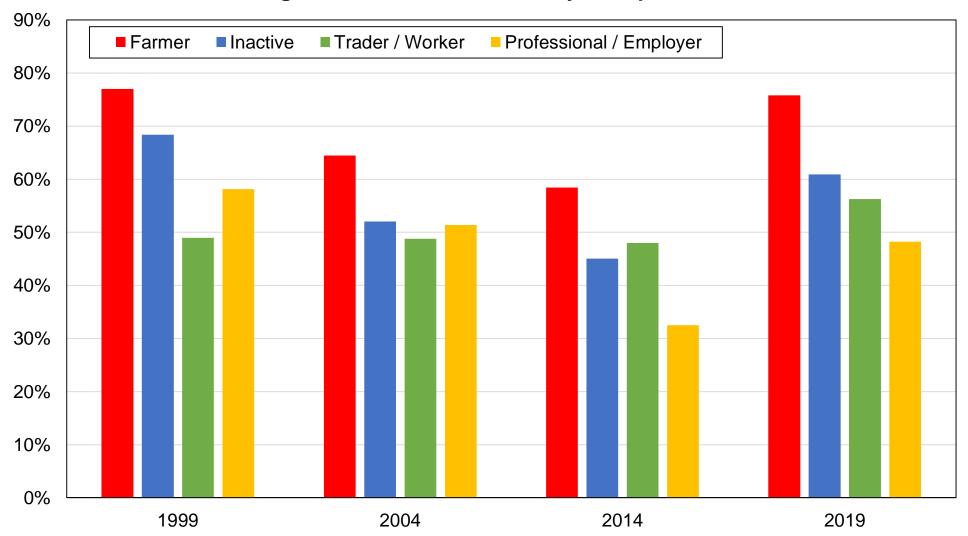
**Note**: the figure shows the share of votes received by BDP by religious affiliation.

Figure AB8 - Vote for BDP by employment status



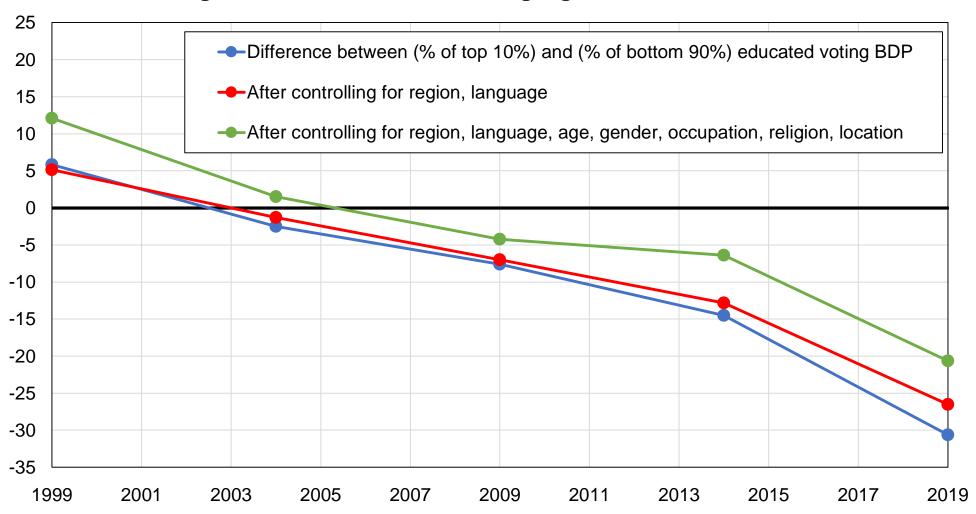
**Note**: the figure shows the share of votes received by BDP by employment status.

Figure AB10 - Vote for BDP by occupation



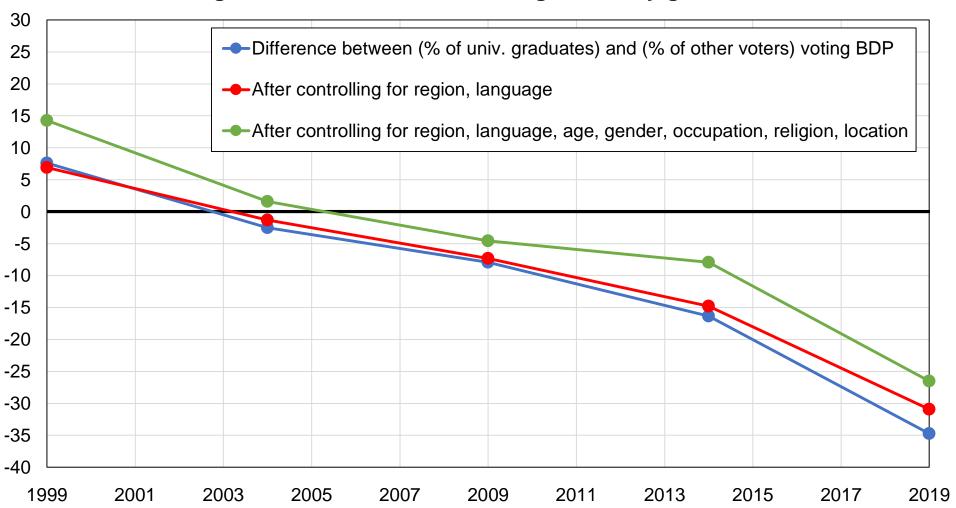
**Note**: the figure shows the share of votes received by BDP by occupation.

Figure AC1 - Vote for BDP among highest-educated voters



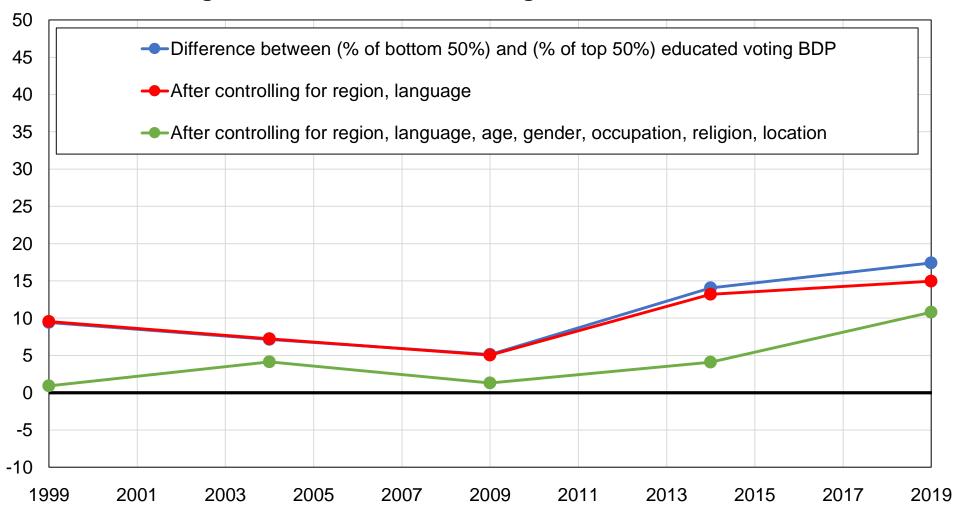
**Note**: the figure shows the difference between the share of top 10% educated voters and the share of other voters voting for BDP, before and after controlling for other variables.

Figure AC2 - Vote for BDP among university graduates



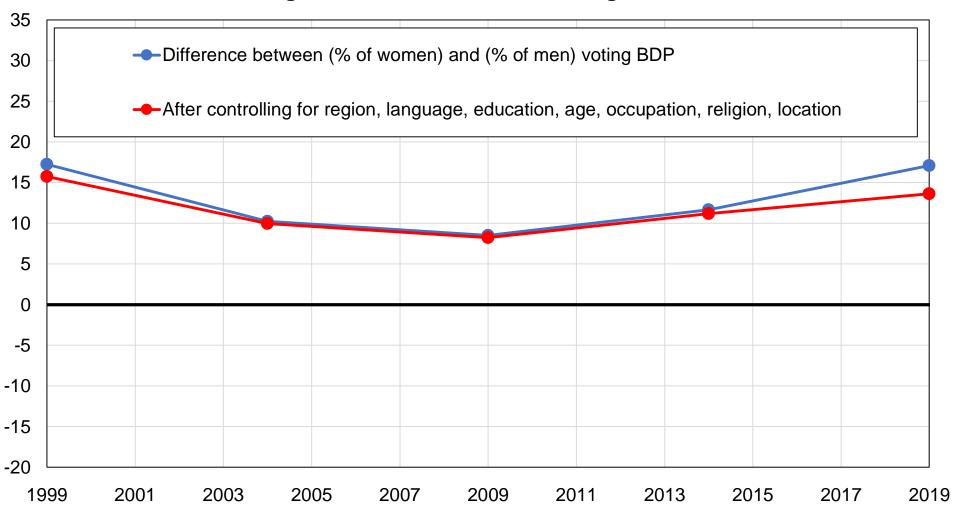
**Note**: the figure shows the difference between the share of university graduates and the share of other voters voting for BDP, before and after controlling for other variables.

Figure AC3 - Vote for BDP among lowest-educated voters



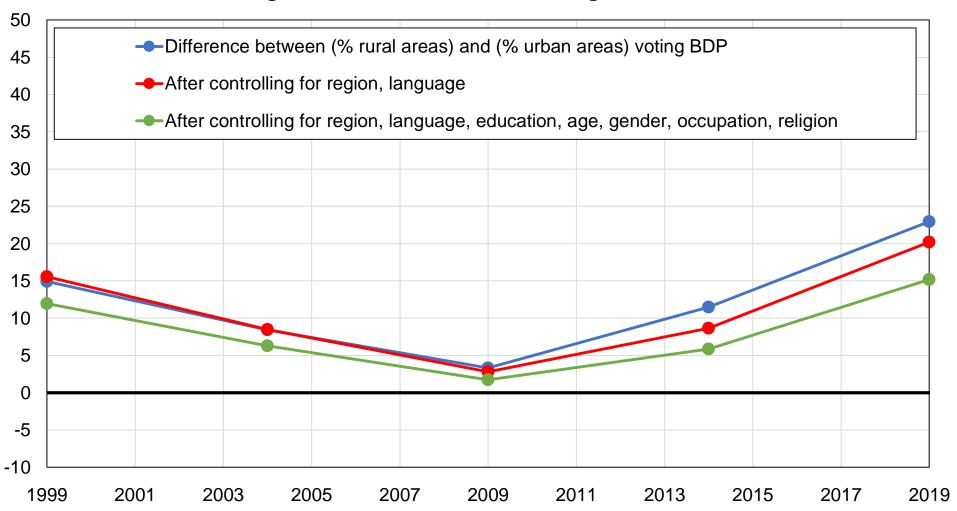
**Note**: the figure shows the difference between the share of bottom 50% education and the share top 50% education voters voting for BDP, before and after controlling for other variables.

Figure AC4 - Vote for BDP among women



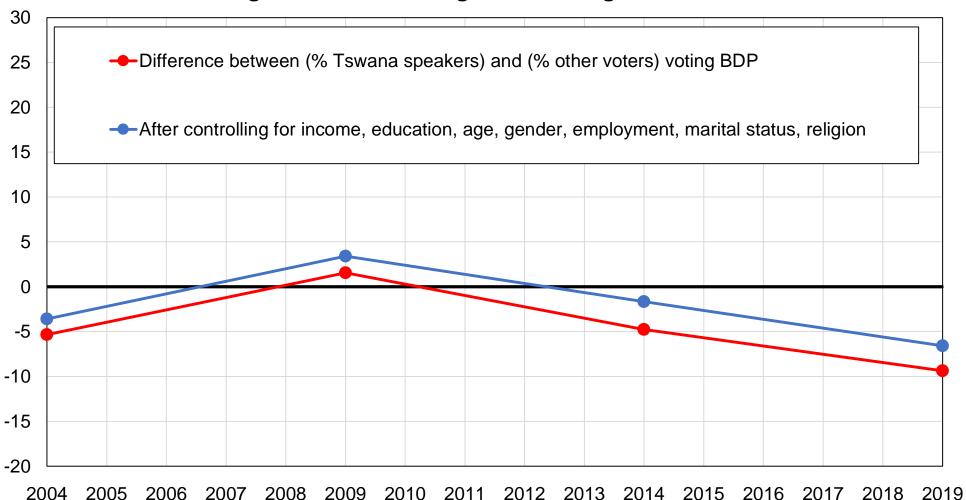
**Note**: the figure shows the difference between the share of women and the share of men voting for BDP, before and after controlling for other variables.

Figure AC5 - Vote for BDP among rural areas



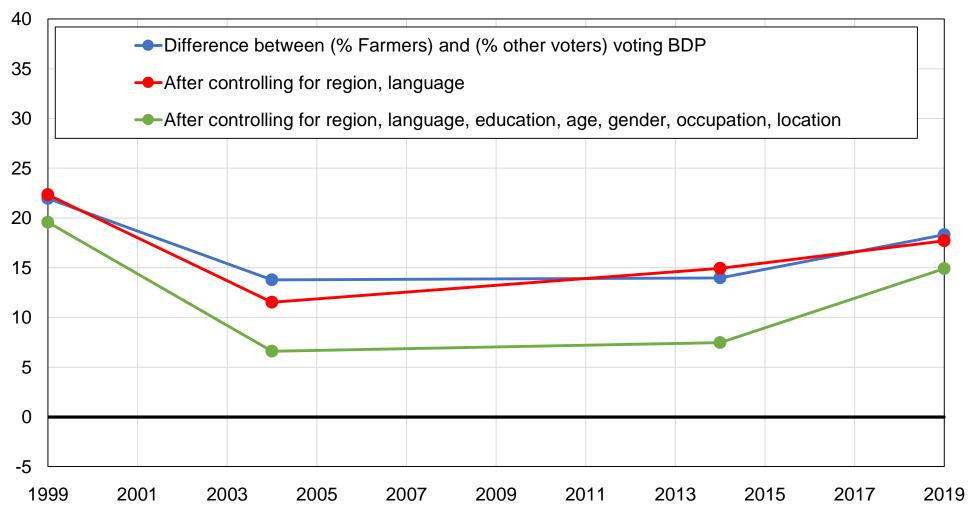
**Note**: the figure shows the difference between the share of voters from rural areas and the share of urban voters voting for BDP, before and after controlling for other variables.

Figure AC6 - Ethnolinguistic cleavages in Botswana



**Note**: the figure shows the difference between the share of Tswana voters and the share of non-Tswana voters voting for BDP, before and after controlling for other variables.

Figure AC7 - Vote for BDP among farmers



**Note**: the figure shows the difference between the share of farmers and the share of other voters voting for BDP, before and after controlling for other variables.

Table A1 - Survey data sources								
Year	Survey	Source	Sample size					
2000	Afrobarometers Wave 1	Afrobarometers	2004					
2004	Afrobarometers Wave 2-3	Afrobarometers	2397					
2008	Afrobarometers Wave 4	Afrobarometers	1200					
2016	Afrobarometers Wave 5-6	Afrobarometers	4800					
2019	Afrobarometers Wave 7	Afrobarometers	1600					

Source: authors' elaboration.

**Note**: the table shows the surveys used, the source from which these surveys can be obtained, and the sample size of each survey.

Table A2 - Complete descriptive statistics by year								
	1999	2004	2009	2014	2019			
Education: Illiterate	17%	17%	20%	12%	11%			
Education: Primary	30%	26%	26%	20%	18%			
Education: Secondary	45%	45%	41%	47%	49%			
Education: Tertiary	9%	11%	14%	21%	22%			
Age: 20-29	44%	45%	38%	39%	34%			
Age: 30-49	35%	36%	36%	39%	42%			
Age: 50+	21%	19%	26%	22%	24%			
Gender: Man	50%	51%	52%	53%	50%			
Employment status: Employed	69%	29%	31%	32%	32%			
Employment status: Unemployed	0%	45%	45%	44%	45%			
Employment status: Inactive	31%	26%	24%	25%	23%			
Religion: No religion		31%	29%	17%	12%			
Religion: Catholic		7%	3%	4%	3%			
Religion: Other Christian		58%	66%	73%	79%			
Religion: Muslim		0%	1%	1%	0%			
Religion: Other		4%	2%	5%	5%			
Location: Rural	55%	55%	45%	36%	32%			
Location: Urban	45%	45%	55%	64%	68%			
Region: East		40%	37%	38%	39%			
Region: Gaborone		11%	13%	12%	11%			
Region: Kalahari		5%	5%	4%	5%			
Region: North-West		8%	9%	9%	9%			
Region: South East		36%	36%	37%	37%			
Language: Kalanga	0%	10%	7%	9%	10%			
Language: Kgaladi	0%	4%	5%	4%	5%			
Language: Other	2%	6%	7%	7%	5%			
Language: Sotho-tswana	98%	80%	80%	79%	81%			
Occupation: Farmer	4%	7%		4%	4%			
Occupation: Inactive	39%	43%		38%	38%			
Occupation: Professional / Employe	18%	18%		15%	15%			
Occupation: Trader / Worker	39%	32%		43%	43%			

**Note**: the table shows descriptive statistics by year for selected available

variables.