

Information Visualization

Visualization Sketch



81633 – João Henriques

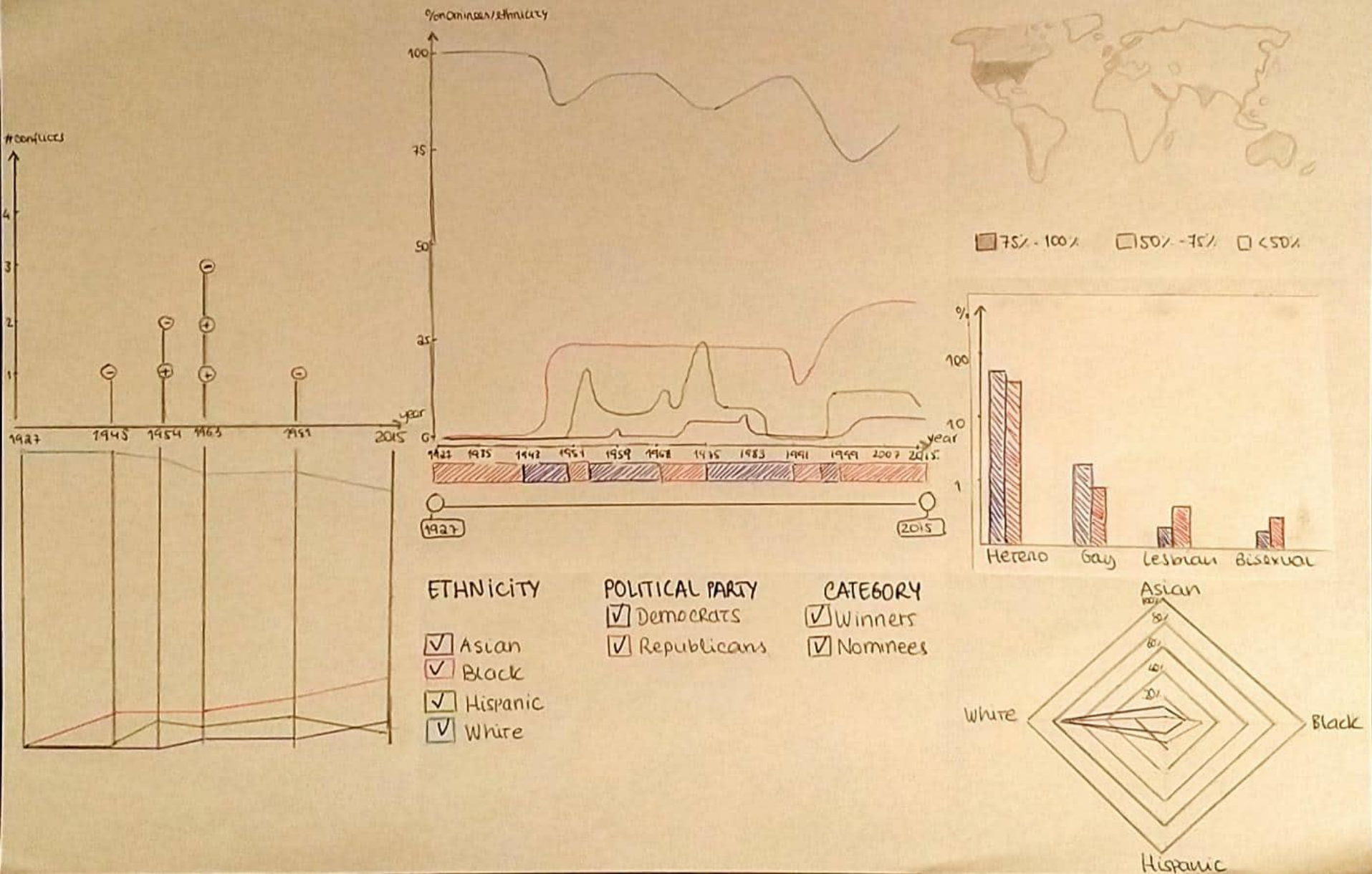
G14-A 83497 – Leonor Llansol

83541 – Pedro Esteves

01

OVERVIEW

Overview



02

VISUAL ENCODING

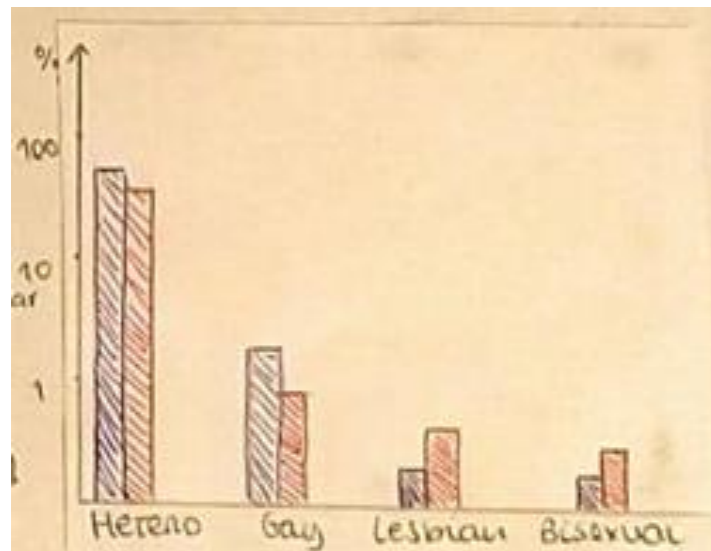
Choropleth map

Answers	Item	Type	Mark	Channel
Q2	Percentage of Winners	Ratio	Area	Color
Q2	Birthplace	Nominal	Area	Position



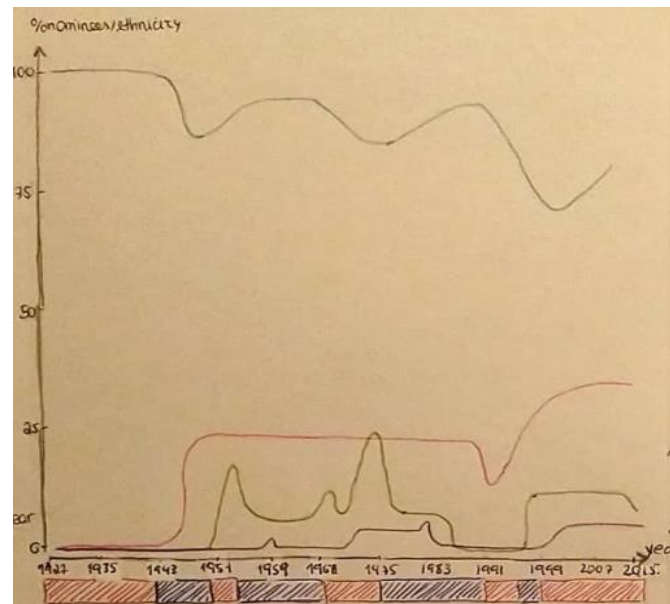
Grouped bars

Answers	Item	Type	Mark	Channel
Q1	Sexual Orientation Type	Nominal	Area (bar)	Position x
Q1	Sexual Orientation Percentage	Ratio	Area (bar)	Position y
Q1	Party in Power	Nominal	Area (bar)	Color



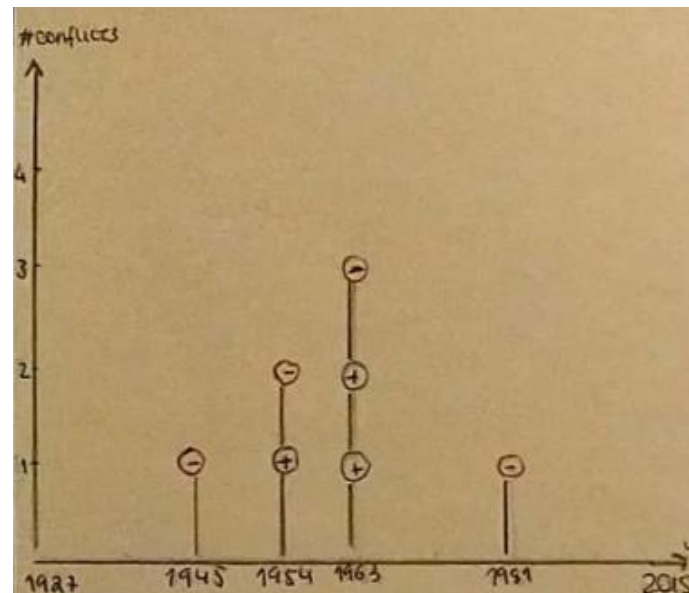
Line chart

Answers	Item	Type	Mark	Channel
Q3	Year	Sequential	Line	Position x
Q3/Q4	Percentage of winners/nomines	Ratio	Line	Position y
Q3	Ethnicity	Nominal	Line	Color



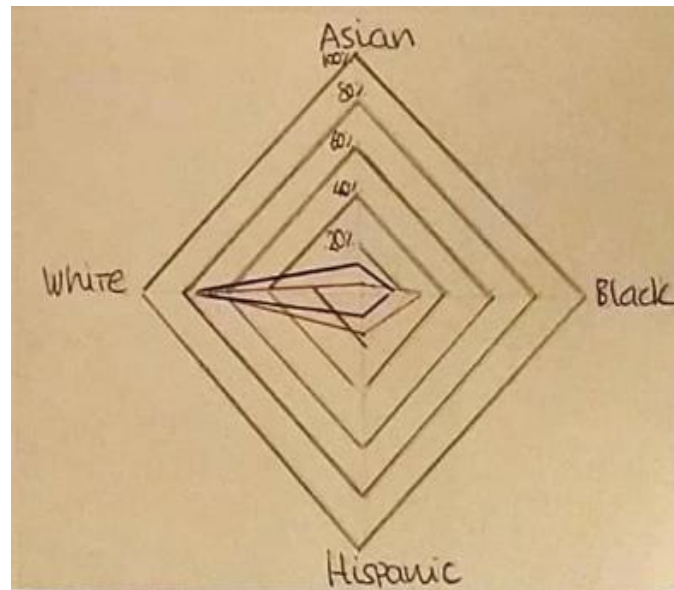
Lollipop

Answers	Item	Type	Mark	Channel
Q5	Number of racial conflicts	Continuous	Point	Position x
Q5	year	Sequential	Point	Position y
Q5	Sentiment	Nominal	Point	Color



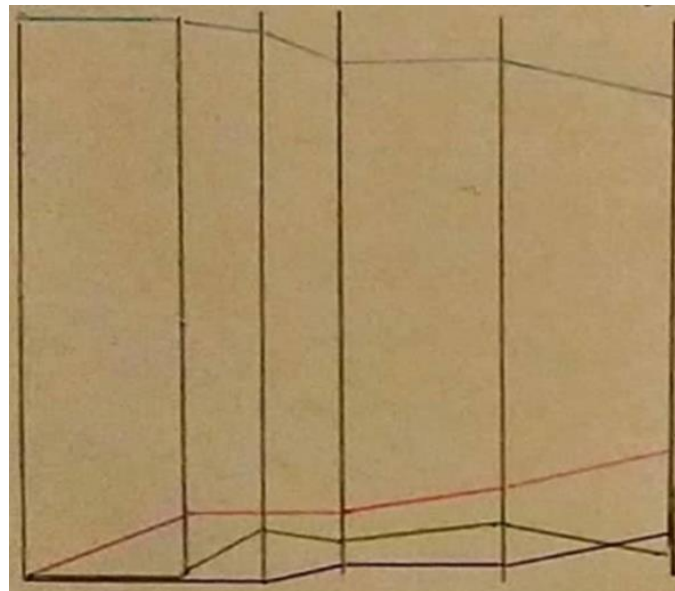
Star plot

Answers	Item	Type	Mark	Channel
Q3/Q4	Ethnicity	Nominal	Line	Position
Q3/Q4	Percentage of winners/nomines	Racial	Line	Position
Q4	Party in power	Nominal	Line	Color



Slopegraph

Answers	Item	Type	Mark	Channel
Q3/Q5	Ethnicity	Nominal	Line	Color
Q3/Q5	Year	Sequential	Line	Position x
Q3/Q5	Percentage of winners/nomines	Racial	Line	Position y

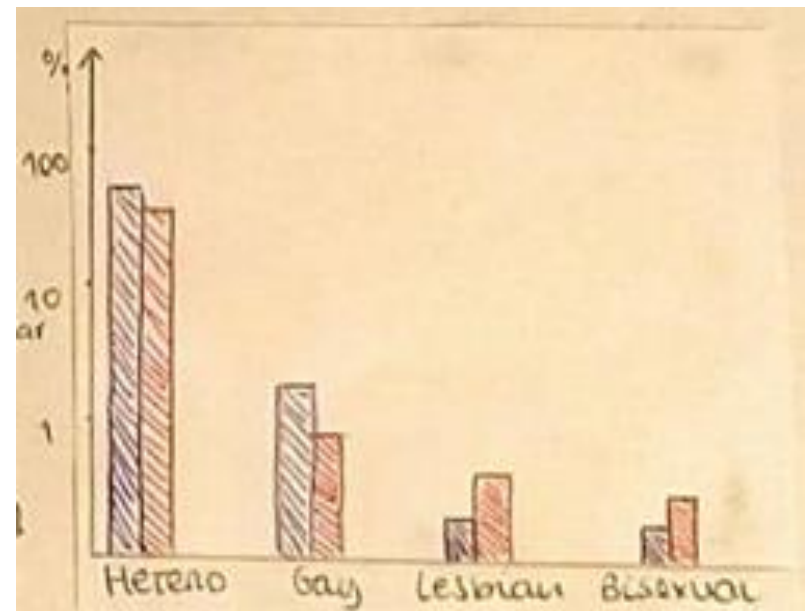
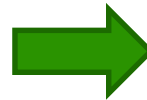
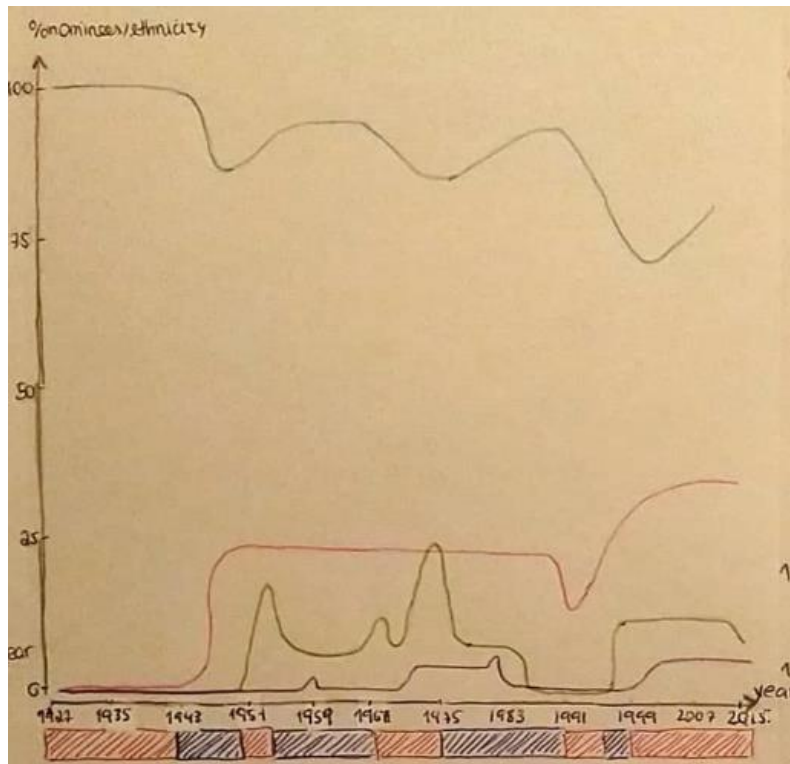


03

ANSWERING THE QUESTIONS

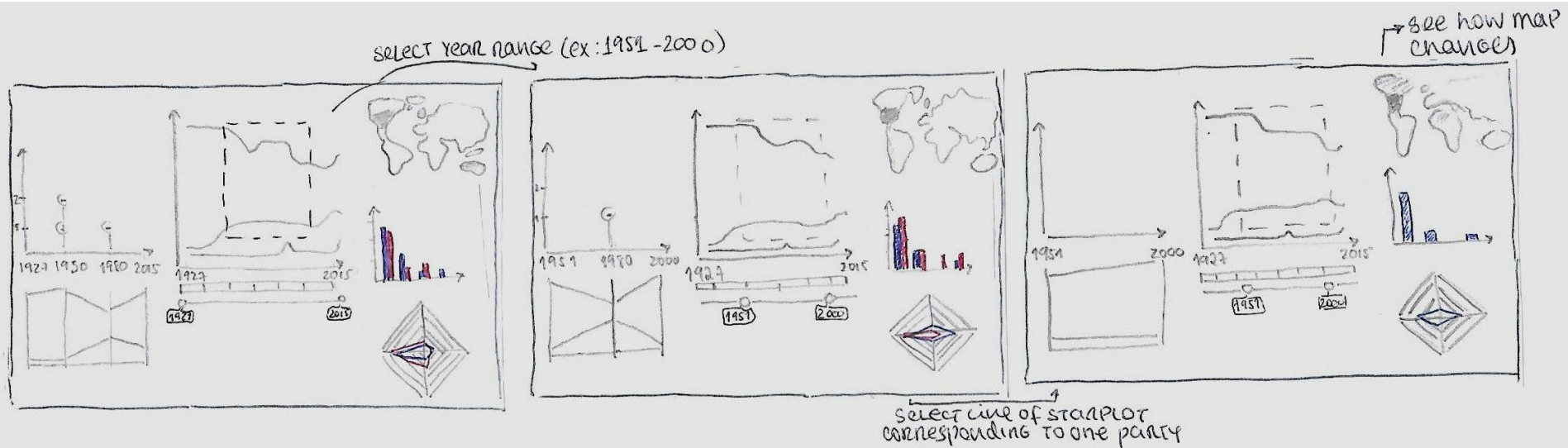
Question 1

Q: How does the political party in power influence the sexual orientation of nominees?



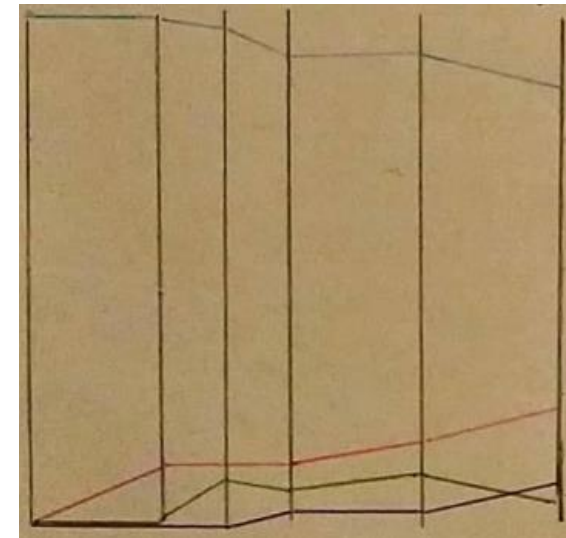
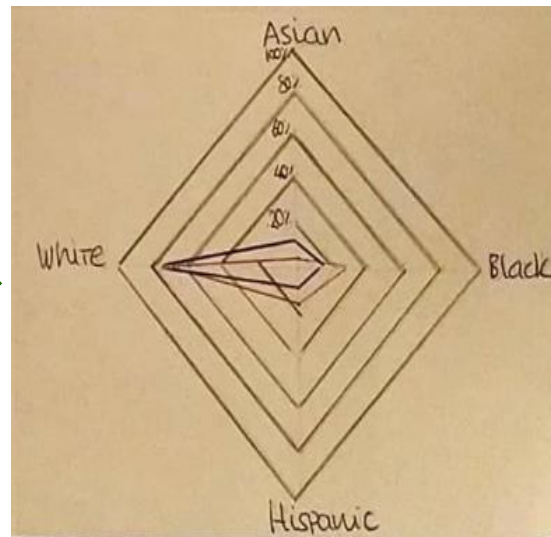
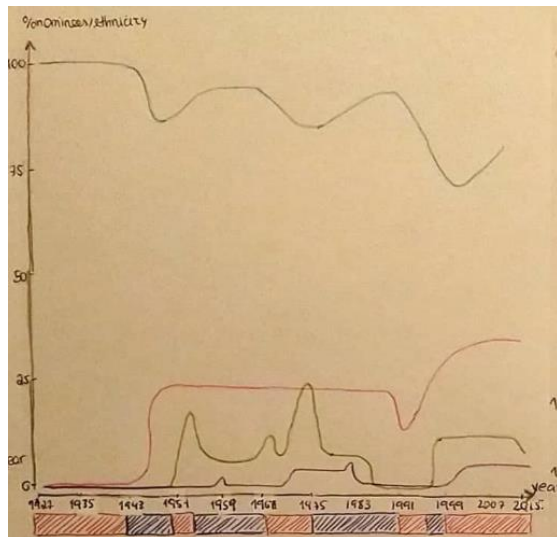
Question 2

Q: How does the political party in power influence the birthplace of Oscars winners?



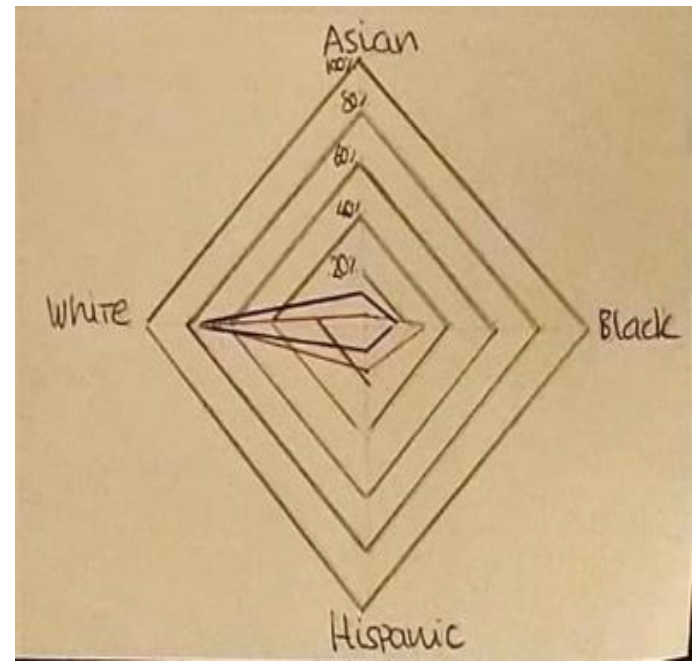
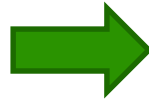
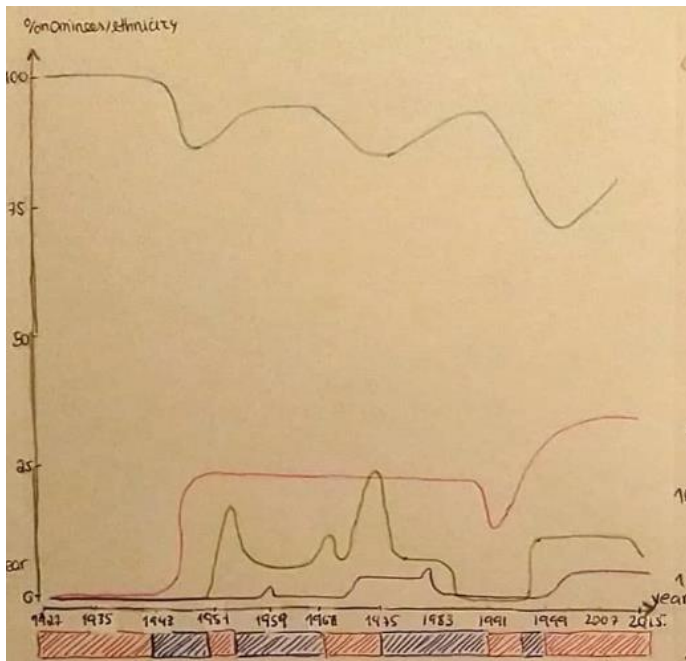
Question 3

Q: How does the ethnicity of the Oscars winners and nominees change over time?



Question 4

Q: How does the ethnicity of the Oscars winners and nominees change with the party in power?



Question 5

Q:How does the ethnicity of the Oscars winners and nominees change with racial conflicts?

