We zijn allemaal bezig met de laatste loodjes maar er zijn wel verbeterpunten.

Julien alle drie de visualisatie maar moet vragen of hij nog een slider moet maken. Daarnaast werkt het doorlinken van het landendropdown menu naar de sunburst nog niet 100%.

Max is bezig geweest met het cree

// make title

// d3.select("head").append("title").text("Voter Turnout")

// Create a dropdown

//var dropdown.append(years)

// function getSelectValue() {

// d3.select("#map > \*").remove()

// var selectedValue = document.getElementById("myDropdown").value;

// }

// getSelectValue()

//var y = system['Austria']['self-government']

//var x = vote['Austria']["2014"]

//console.log(x)

//var data = [x, 100 - x]

//voterTurnout = data["Voter Turnout"];

//else {

// // verwijder piechart

// d3.select("#pieChart > \*").remove()

// }

// var sv = d3.select("#pieChart").append("svg")

// .attr('id', 'pieChart')

// .attr('width', width/2)

// .attr('height', height)

// .style('background', 'blue')

// .append('g')

//.attr('class', 'pieChart')

//.attr('transform', "translate(" + width /2 + "," + height /2 + ")")

//.style("cursor", "none")

//.style("fill", color(this.\_current))

DIt stond onder barchart

//var data = vote[country]

//console.log(Object.values(data))

//console.log(data["Voter Turnout"])

// var years = Object.keys(vap[country])

// console.log(years)

//

// years.forEach(function(y, i){

// if (vap[country][years[i]] == null) {

// delete vap[country][years[i]]

// console.log(vap[country][years[i]])

// }

// })

// turnout = []

// console.log(Object.keys(vote))

// allCountries = Object.keys(vote)

// for (var i = 0; i<allCountries.length; i++) {

// turnout.push([allCountries[i], vote[allCountries[i]][year]])

// console.log(i)

// }

// console.log(turnout)

//var years = Object.keys(vap["Germany"])

//var turnout = Object.values(vote[country])

//var turnout = vote["Germany"][year]

//console.log(turnout)

//console.log(Object.values(vap["Germany"]))

//var vapTurnout = Object.values(vap[country])

//console.log(vapTurnout)

//var vapTurnout = vap["Germany"][year]

//console.log(vapTurnout)

//dataset = [turnout]

//console.log(dataset)

// var g = d3.select("#barChart").append('svg')

// .attr('id', 'barchart')

// .attr('width', width/2)

// .attr('height', height)

// .style('background', 'red')

Scaling barchart

// scaling x and y-as

//var xScale = d3.scaleBand()

// .rangeRound([margin.right, height/2 - margin.left])

//.range([margin.right, width/2 - margin.left])

//.rangeRound([0, width])

// countries on x-scale

//var xScale = d3.scaleBand()

//.rangeRound([margin.right, height/2 - margin.left])

//.range([0, width])

//.domain(sample.map((s) => s.language))

//var xScale = d3.scaleLinear()

//var xScale =d3.scaleOrdinal()

//superlijst= []

// for (i = 0; i < turnout.length; i++){

// obj = {}

// obj["turnout"] = turnout[i]

// obj["freedom"] = freedom[i]

// superlijst.push(obj)

// }

//

// console.log(superlijst);

// var svg3 = d3.select("#scatterPlot").append('svg')

// .attr('id', 'scatterPlot')

// .attr('width', width/2)

// .attr('height', height)

// .style('background', 'red')

//grandList.push([firstList, secondList])

//var freedomHouse = Object.values(freedomHouse[country])

//console.log(freedomHouse)

console.log(Object.values(freedomHouse[country]))

//var years = Object.keys(vote[country])

//console.log(years)

//var freedomHouse = Object.values(vote[country])

// var obj = {};

// obj['years'] = years;

// obj['freedomHouse'] = freedomHouse;

// testdata.push(obj)

//console.log(Object.values(vote[country]))

//var years = Object.keys(vote[country])

//console.log(years)

//var freedomHouse = Object.values(vote[country])

// var obj = {};

// obj['years'] = years;

// obj['freedomHouse'] = freedomHouse;

// testdata.push(obj)

console.log(testdata);

// [{

// "years": 1990,

// "freedomHouse": 86

// }]

console.log(dataset)

console.log(vote[country])

In the map of Europe, the voter turnout of the European Parliament of 2014 is shown. When another year of the drop-down menu is selected, the map will be updated accordingly. The map has multiple interactive features such as hovering over the map and seeing the voter turnout. The map is furthermore a linked view towards two linechars, a scatterplot and a donutchart. These will all be update ones a different country is selected.

All the voter turnouts of de European Parliament elections in every country is visible and when another year is selected in the drop-down menu the barchart is updated accordingly. It is also possible to click on the button of the VAP turnout. The voting-age population (VAP) turnout is a percentage calculated by looking at the voting age population compared to the people who voted. On the contrary, the voter turnout is defined as a percentage of people who voted from the voting-eligible population. The population which has a non-citizenship is not included in the count of the voter turnout.

The donutchart is updated when a different country in the map and when a year in the dropdown menu is selected. You can hover over the donut chart and then the amount of invalid votes, the turnout and the percentage of people who did not vote is shown.

The scatterplot is show ones a country is selected. The dots in the scatterplot represent different years within that particular country and more information is show ones a . A scatterplot is meant to establish various kinds of correlations and according to our research question, we want to see if there is an correlations between the freedom in a country and the voter turnout. The freedom House ranges from 1 (lots of freedom) until 4 (no freedom). In Europe, there is a lot of freedom, so it is difficult to establish some kind of correlations.

The linechart represents the amount of freedom over the years in one particular country and it is updated ones a country is selected in the map of Europe. The Freedom House is an independent organization that analyses the democracy and freedom around the world and the data ranges from 1 (lots of freedom) until 4 (no freedom).

This linechart shows the voter turnout over the years in one particular country and it is updated ones a country is selected in the map of Europe. The Voter Turnout is defined as the percentage of people who voted from the voting-eligible population. The turnout in a lot of countries has decreased over the years but in 1984 less countries participated in the elections of the European parliament.

(the map is also updated when VAP Turnout is selected

//turnout.forEach(function(y, i){

// var obj= [];

// if(freedom[i] !== undefined){

// obj["freedom"] = freedom[i];

// obj["turnout"] = turnout[i];

// obj["years"] = years[i];

// console.log(years[i])

// obj["country"] = allCountries[i];

console.log(list);

// loop over vote

// loop over freedomHouse

// var allCountries = Object.keys(vote)

//

// turnout = []

//

// //var amountPoints = 13\*28 (jaren\*alle landen)

// for (var i = 0; i<364; i++) {

// //var years = Object.keys(vote[allCountries[i]])

// //console.log(years)

// if ((Object.values(vote[allCountries[i]])) == null) {

// delete Object.values(vote[allCountries[i]])

// console.log(Object.values(vote[allCountries[i]]))

//

//

// //if (Object.values(freedomHouse[allCountries[i]]) == null) {

// // delete Object.values(freedomHouse[allCountries[i]])

//

// //if (Object.keys(vote[allCountries[i]]) == null) {

// // delete Object.keys(vote[allCountries[i]])

//

//

// turnout.push([Object.values(freedomHouse[allCountries[i]]), Object.values(vote[allCountries[i]]), allCountries[i], Object.keys(vote[allCountries[i]])])

// console.log(Object.values(vote[allCountries[i]]))

//

//

// }

//

// }

// console.log(turnout)

// remove null data in dataset

// var years = Object.keys(freedomHouse[country]);

//

// years.forEach(function(y, i){

// if (vote[country][years[i]] == null) {

// delete vote[country][years[i]]

// }

// });

//

//

// var years = Object.keys(freedomHouse[country]);

//

// years.forEach(function(y, i){

// if (freedomHouse[country][years[i]] == null) {

// delete freedomHouse[country][years[i]]

// }

// });

//

//

// var turnout = Object.values(vote[country]);

// var freedom = Object.values(freedomHouse[country]);

// var allCountries = Object.keys(vote);

//

// grandList = [];

//

// turnout.forEach(function(y, i){

// var obj= [];

// if(freedom[i] !== undefined){

// obj["freedom"] = freedom[i];

// obj["turnout"] = turnout[i];

// obj["years"] = years[i];

// console.log(years[i])

// obj["country"] = allCountries[i];

//

// grandList.push(obj);

// console.log(grandList)

//}

// });