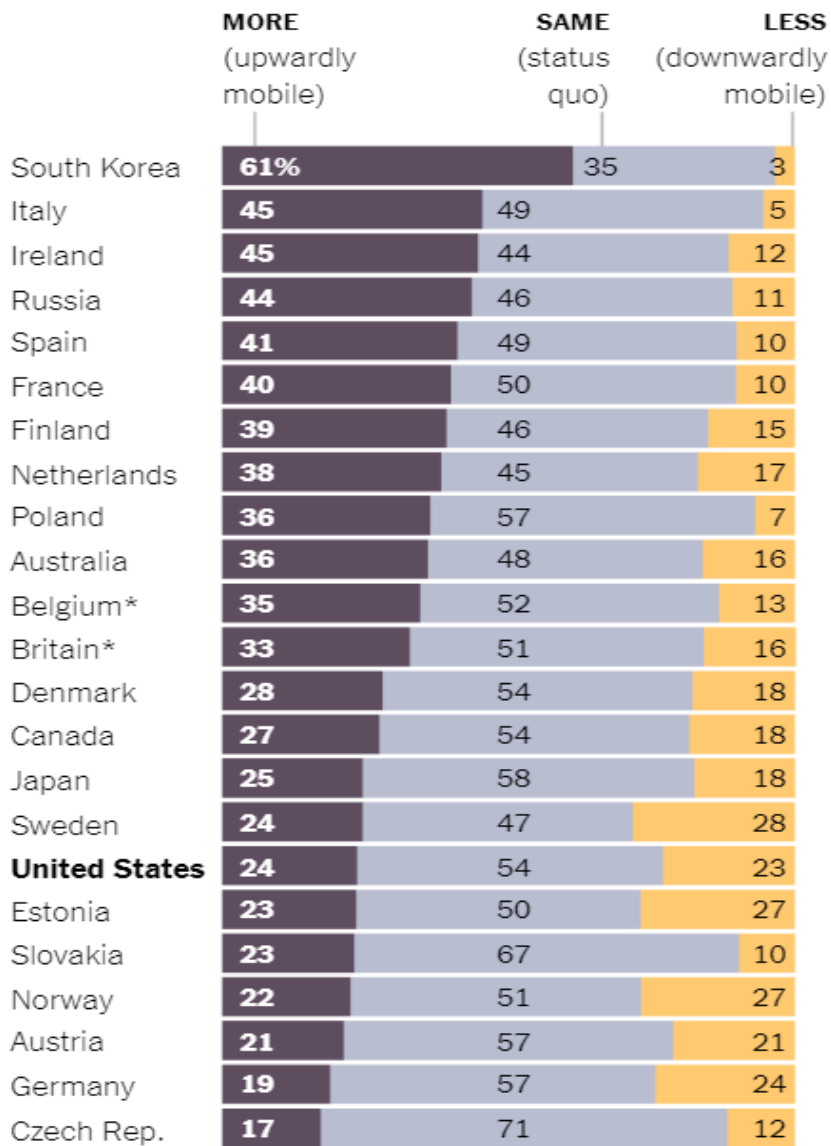

Data Visualization

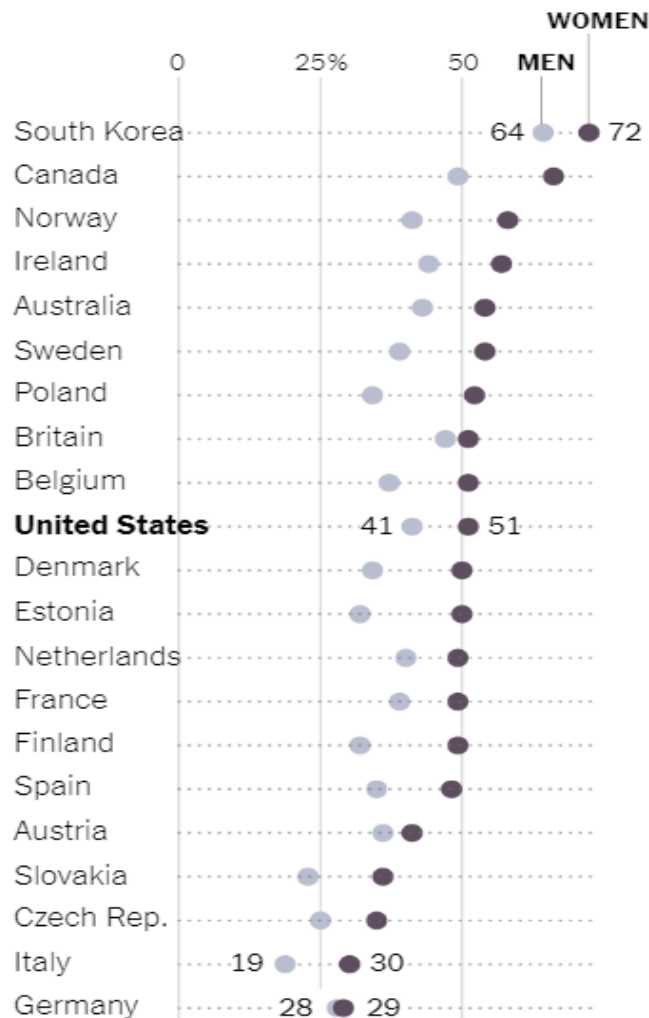
Edgar Chicurel

Education attainment in selected countries for 25-34 year old.

Percentage of people who got more, the same or less education than their parents, as of 2012.



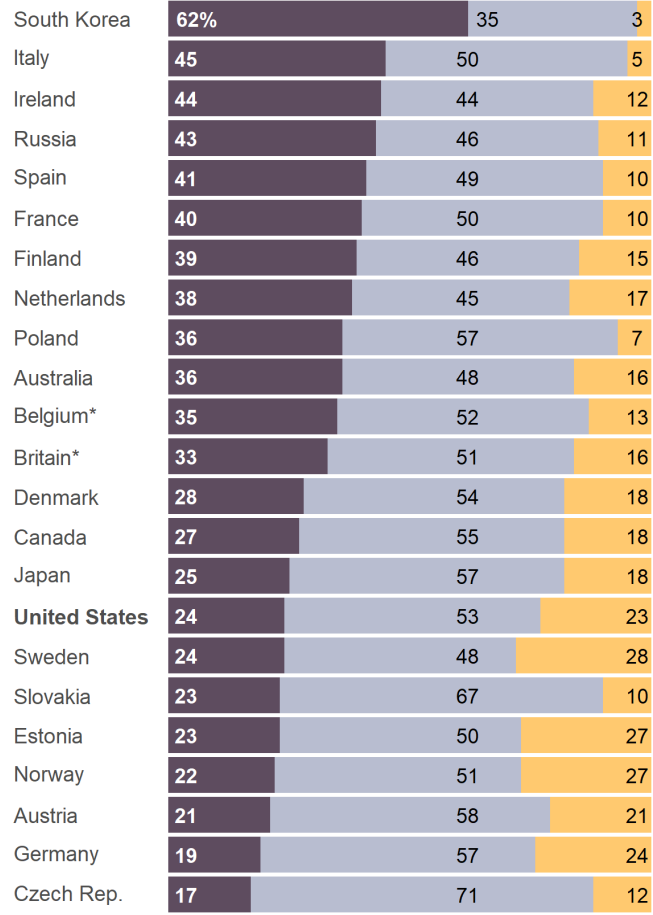
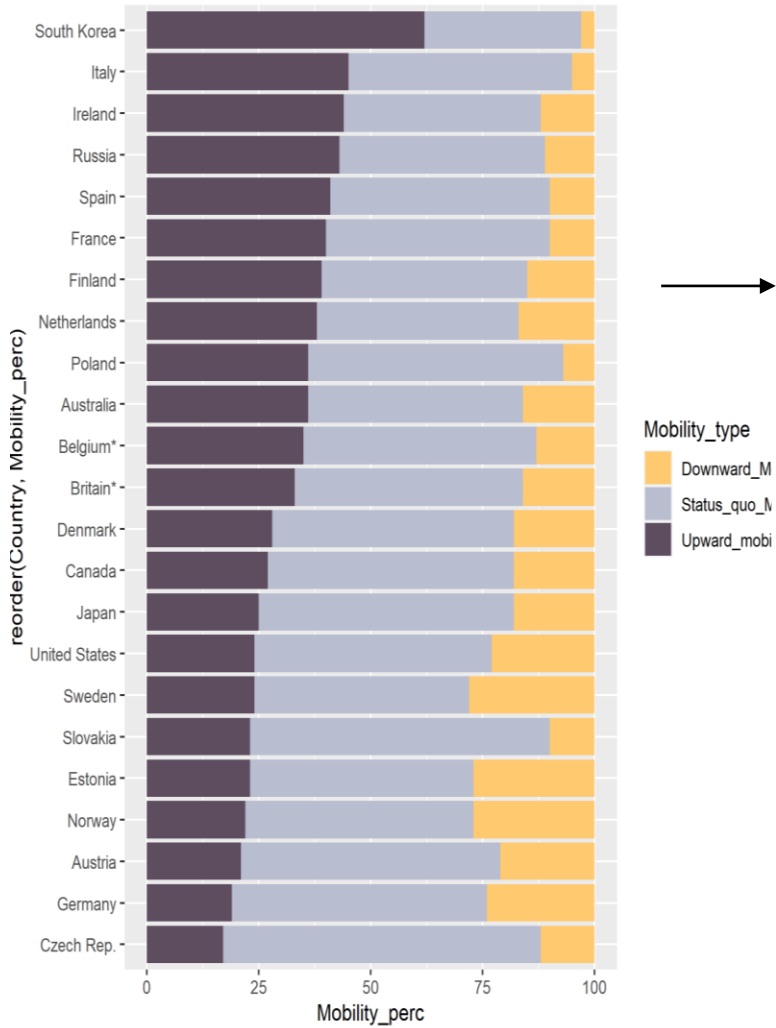
Percentage of people who attained education beyond high school, as of 2014.



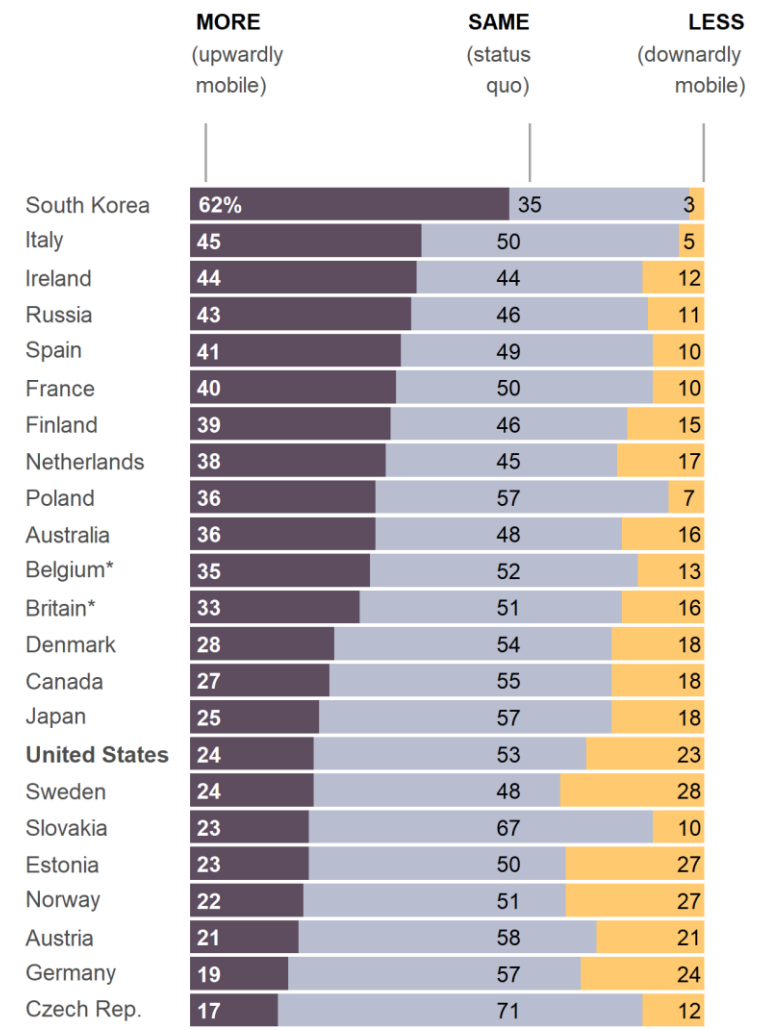
Gender data for Russia and Japan not available.

NY Times
graph:
"Where
education
drives
mobility"

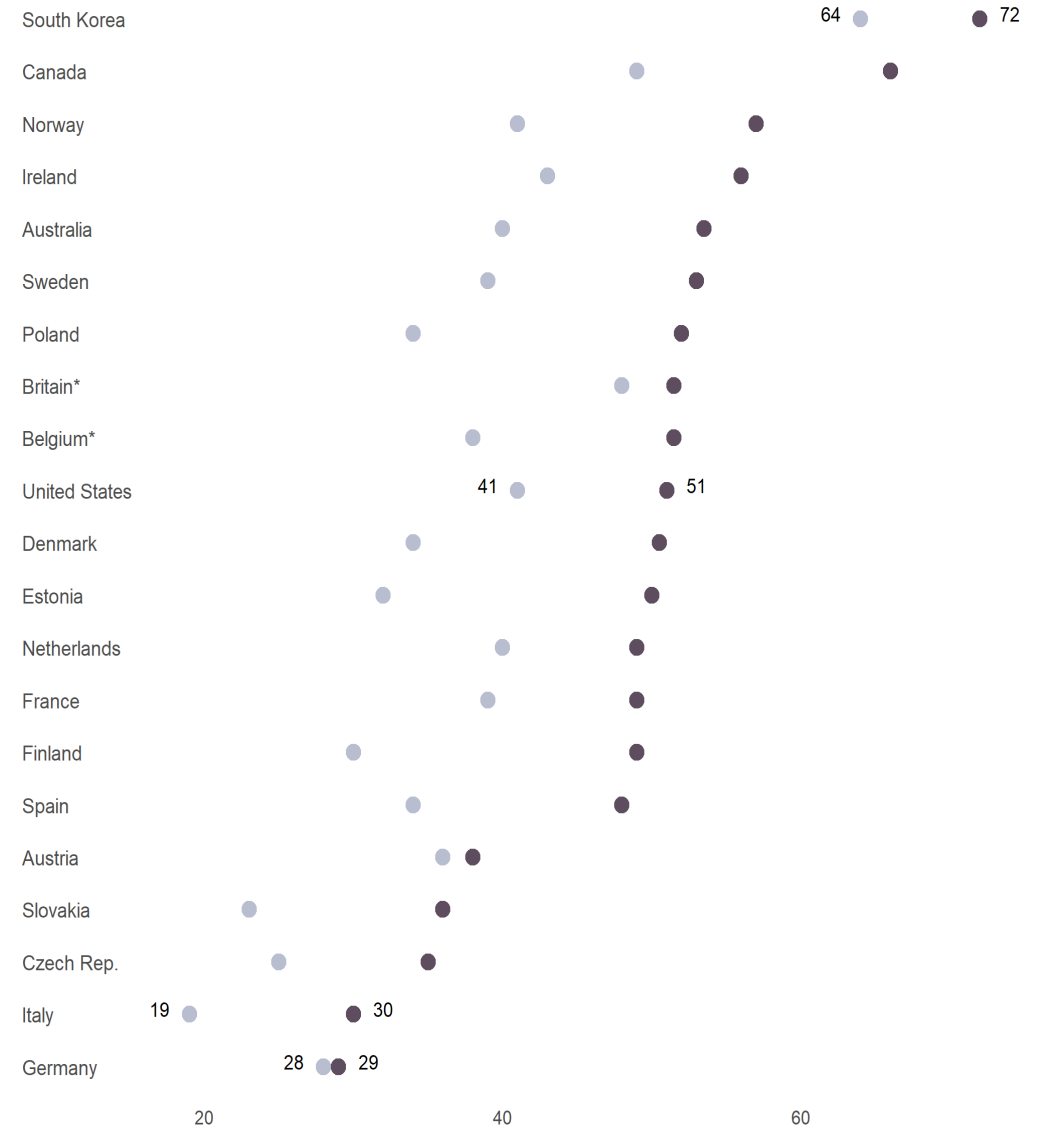
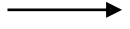
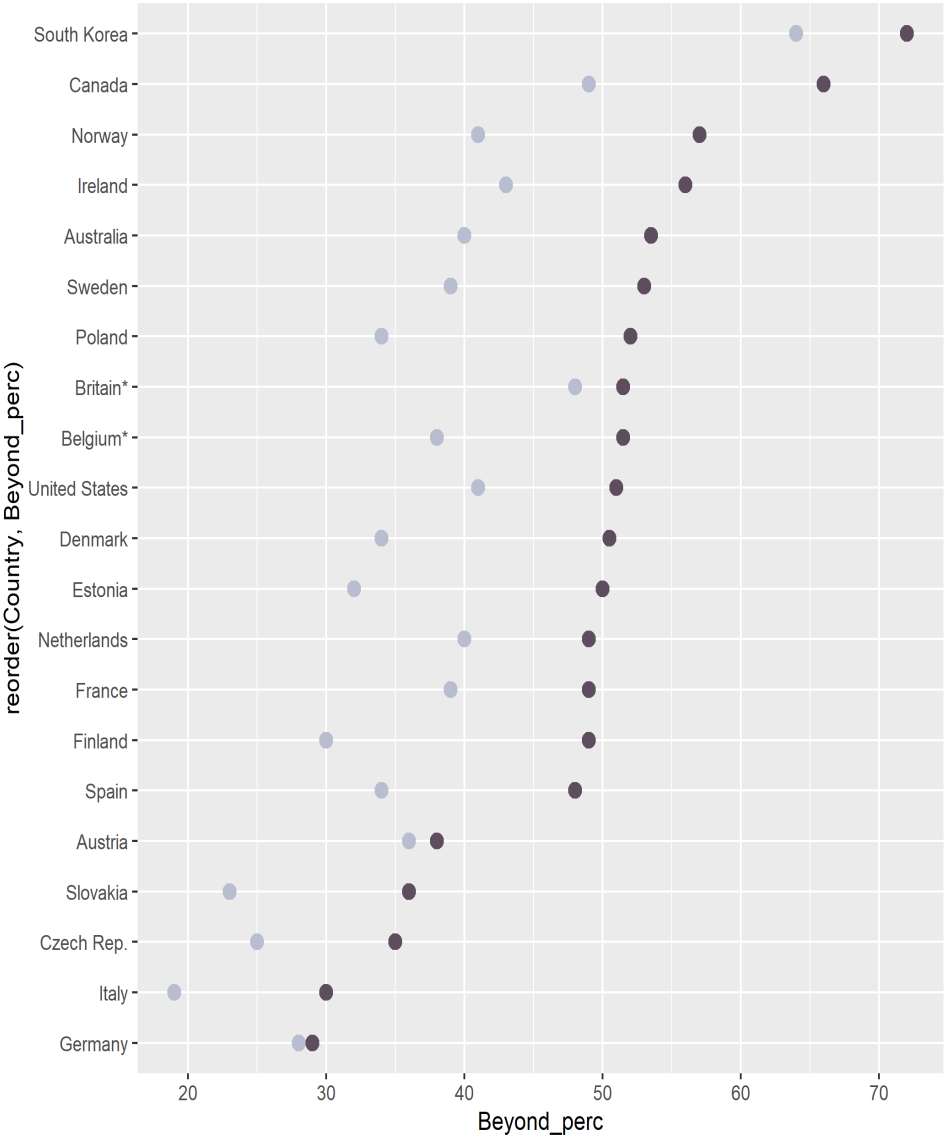
First Graph



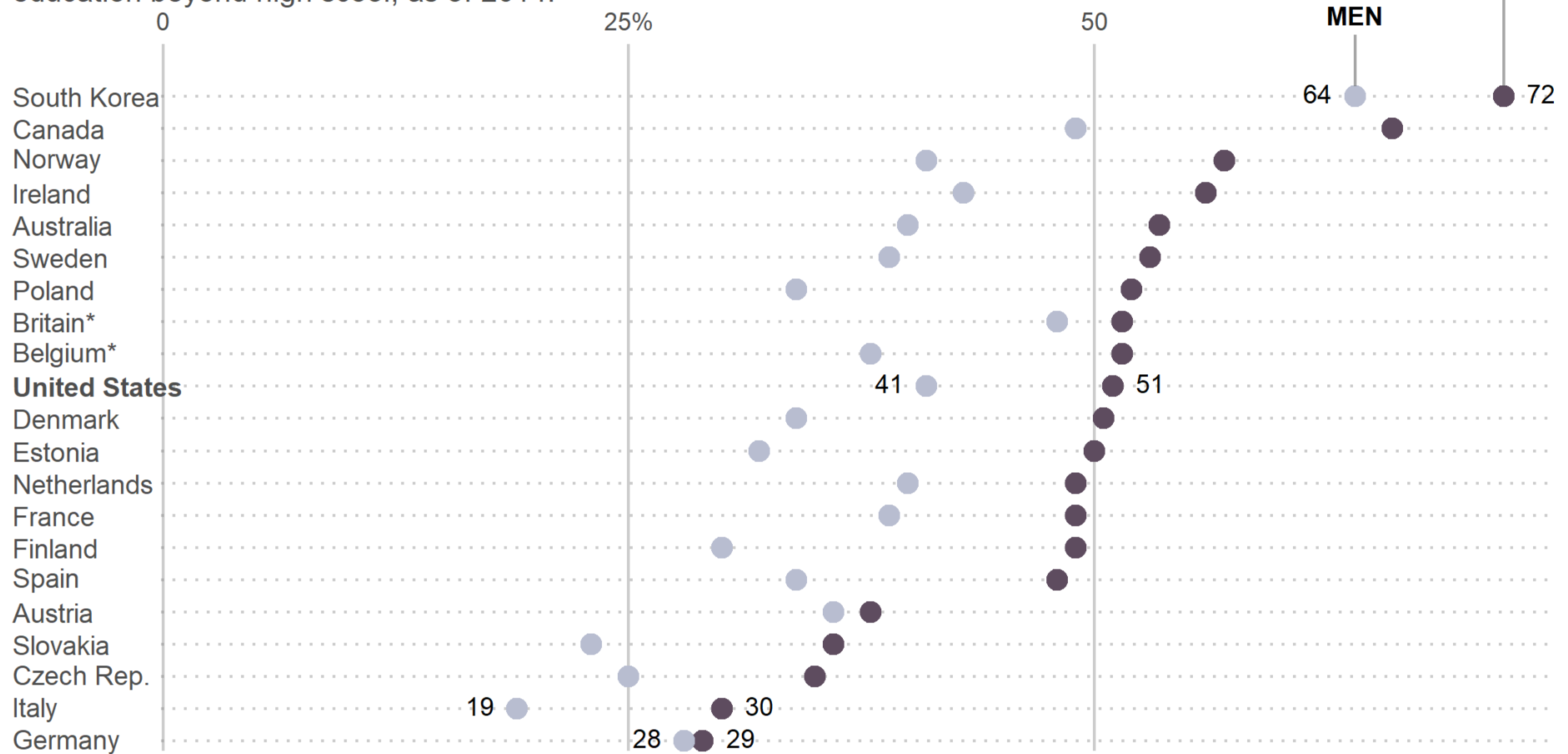
Percentage of people who got more, the same or less education than their parents, as of 2012.



Second Graph



Percentage of people who attained education beyond high school, as of 2014.



Gender data for Russia and Japan not available.

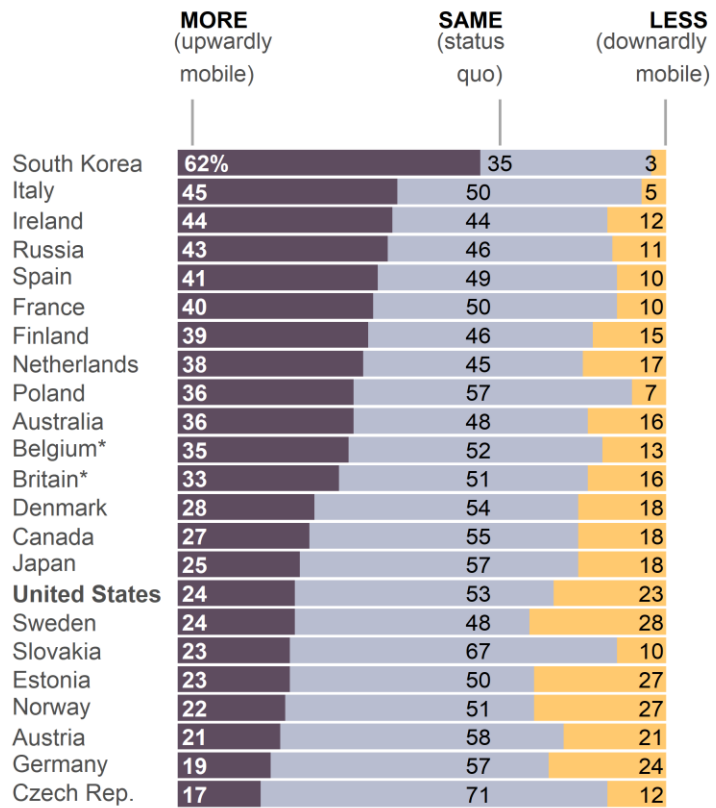
Merged them together

- Patchworks
- Fixing ratios
- Annotate line and title

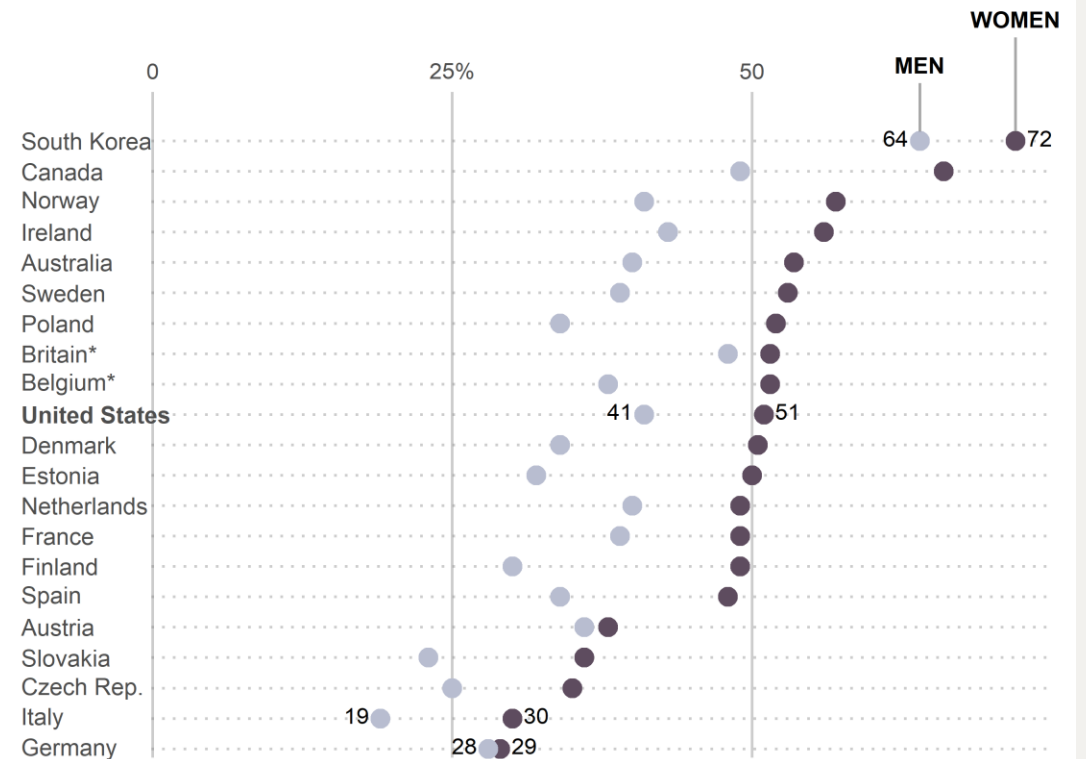
Result

Education attainment in selected countries for 25-34 year old.

Percentage of people who got more, the same or less education than their parents, as of 2012.



Percentage of people who attained education beyond high school, as of 2014.



Gender data for Russia and Japan not available.

Alternative Representation

- Treemap , Circle Packing & others
- Problem is that couldn't see clear the % value
- Facet Wrap

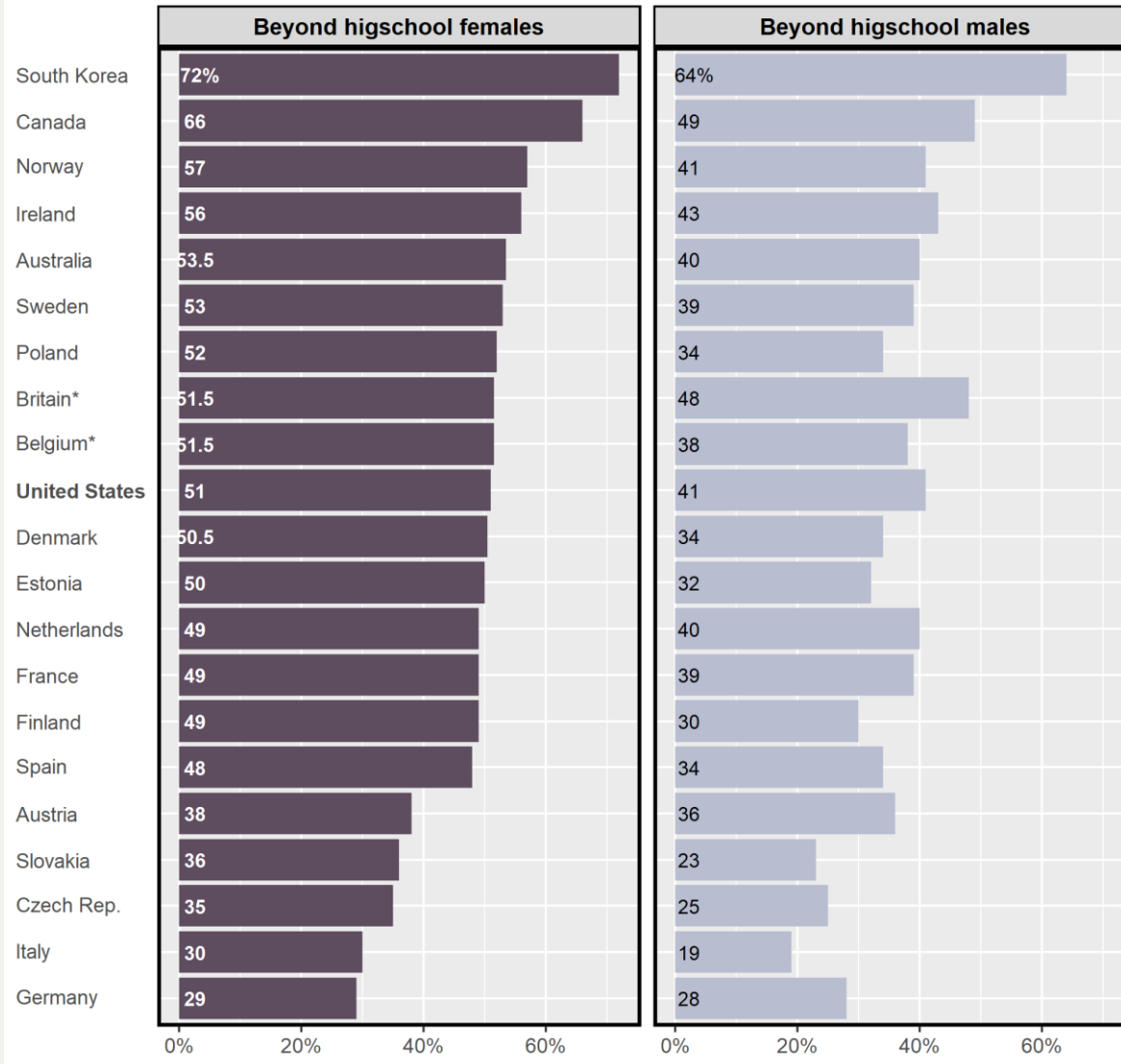
First Alternative Graph

Percentage of people who got more, the same or less education than their parents, as of 2012.



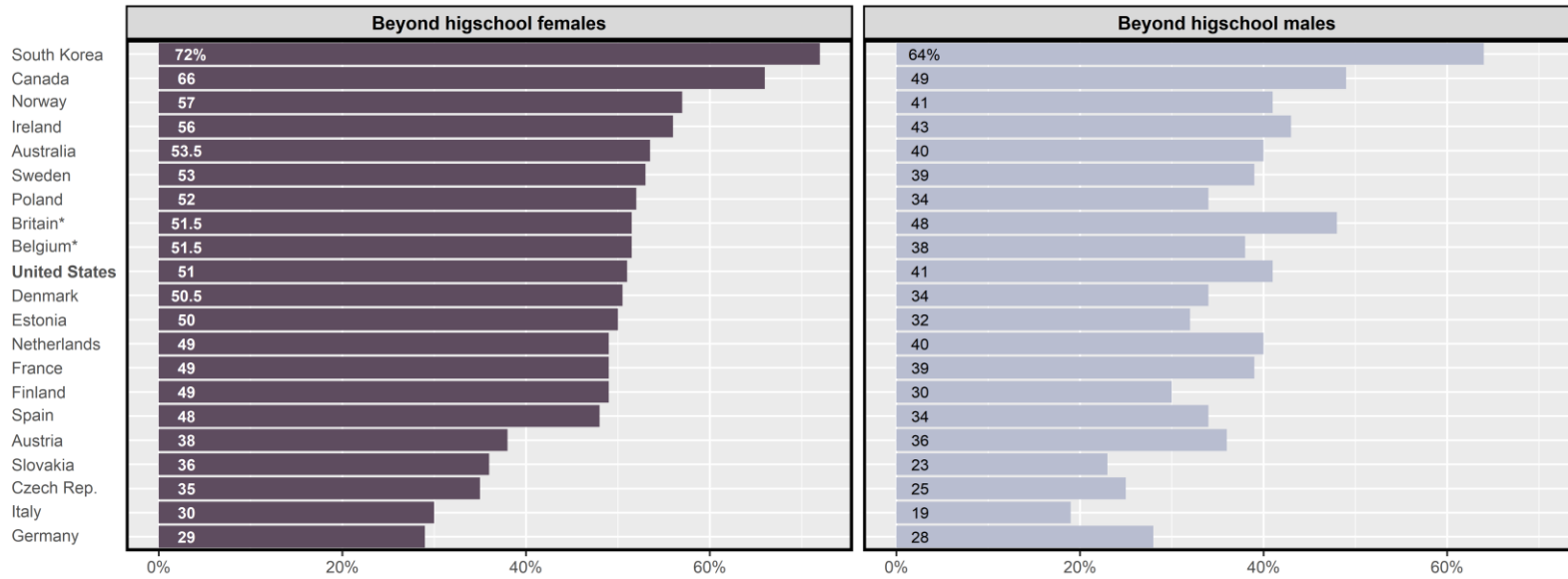
Second Alternative Graph

Percentage of people who attained education beyond high school, as of 2014.



Education attainment in selected countries for 25-34 year old.

Percentage of people who attained education beyond high school, as of 2014.



Percentage of people who got more, the same or less education than their parents, as of 2012.



Conclusion

Challenges & end results

- Arranging the data in the desired order
- Adding specific elements to only a few values like %
- Merging the two graphs together
- Determining the correct dimensions, aspect ratios, plot layout, coordinate limits, etc.
- Aspect ratios not 100% the same to original graph

Alternative representation

- Facet wrap option
- Clear and tidy way to view the data
- Not have been the most complex method but satisfied with result.