2020-02-21

1. year\_esg\_nonmissing\_per.csv file the percentage of data available in each year for each esg factor
2. missingdata\_plot.png is the plot of the missing data.

The dark part are the missing data

1. esg\_factors\_summary.xlsx shows the esg factors characters.

In sheet: esg\_factors\_summary

pn: whether it’s a positive performance indicator or negative performance indicator

p: positive

n:negative

cate1: raw data I got from the ESG MSCI.pdf

cate2: raw data I got from the ESG MSCI.pdf

cate1\_ana: some data have no category in ESG MSCI.pdf, so I made some guess

cate2\_ana: some data have no category in ESG MSCI.pdf, so I made some guess

In sheet: esg\_factors\_analysis

I made some summary of the esg factors and their categories.