Merging notes

1. GIS data

first principle is country in pathway data.

2. Return model

first principle is country in pathway data.

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1. GIS data with year of duration for each school level
Taken the latest valid number for each country (224 areas in total)
Left merge with GIS data
Fill nan by - primary : 6 years, LS : 3 years, US : 3 years
2. GIS data with GDP values (Dollar per Captial)
Taken the latest valid number for each country (265 areas in total)
change the country name
            'Egypt, Arab Rep.':'Egypt','Congo, Dem. Rep.':'Democratic Republic of the (
            'Congo, Rep.':'Congo',
            'Lao PDR': 'Lao People\'s Democratic Republic',
            'St. Lucia': 'Saint Lucia',
            'Yemen, Rep.': 'Yemen'
Missing data as nan/zeros
3. GIS data with return rates from the paper
Drop emtpy area. 93 area remains.
Filling the missed data as 10% increase rate.
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3. Benefit model