Biodiversity Risk Codebook

1. Aggregate Risks

nyt_indices		
Variable Name	**Type**	**Description**
date	float	Date is in "D-M-Y" format
biodiversity	float	NYT Biodiversity News Index: the number of negative biodiversity articles minus the number of positive biodiversity articles on a given day
climate	float	NYT Climate News Index: the number of negative climate articles minus the number of positive climate articles on a given day

google_biodiversity_attention_index		
Variable Name	**Type**	**Description**
month	float	Month is in "YM" format
attention	float	Google Biodiversity Attention Index: the sum of the search index series for "biodiversity loss", "ecosystem services", and "species loss" in a given month

2. Biodiversity Risk Exposure

10k_biodiversity_scores

Variable Name	Type	Description
ticker	string	ticker
year	float	year
cusip	string	cusip
count	float	10K-Biodiversity-Count Score: does the company mention biodiversity in at least two sentences in the 10-K statements?
negative	float	10K-Biodiversity-Negative Score: the number of negative biodiversity sentences minus the number of positive biodiversity sentences
regulation	float	10K-Biodiversity-Regulation Score: does the company mention biodiversity in at least two sentences and at least one of them is about regulation in the 10-K statements?

survey_biodiversity_scores

Variable Name	Type	Description
gics4	string	4-digit GICS Industry Code
transition	float	Transition biodiversity risk exposure: share of the survey respondents who select each industry as being particularly affected by transition risk.
physical	float	Physical biodiversity risk exposure: share of the survey respondents who select each industry as being particularly affected by physical risk.
average	float	Survey-based Biodiversity Score: the simple average of transition and physical biodiversity risk exposure

holding_biodiversity_scores

Variable Name	Type	Description
gics4	float	4-digit GICS Industry Code
score	float	Holding-based Biodiversity Score: the weight of a given industry in the market portfolio minus the weight of the given industry in the biodiversity funds' portfolio.