

# 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

## 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?

<b>negative</b>	float	10K-Biodiversity-Negative Score: the number of negative biodiversity sentences minus the number of positive biodiversity sentences
<b>regulation</b>	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?

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

<b>holding_biodiversity_score</b>		
<b>Variable Name</b>	<b>Type</b>	<b>Description</b>
<b>gics4</b>	float	4-digit GICS Industry Code
<b>score</b>	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, scaled by industry's market share.

<b>CDP_biodiversity_score</b>		
<b>Variable Name</b>	<b>Type</b>	<b>Description</b>

<b>gics4</b>	float	4-digit GICS Industry Code
<b>score</b>	float	CDP-based Biodiversity Score: does the company have activities in or near biodiversity-sensitive areas and the activity could negatively affect biodiversity?