
Credit Risk

Projects

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Project 1

Biodiversity risk

Project 1: Biodiversity risk

Description of the project: The purpose of this project is to understand what is biodiversity risk and how it can impact asset values. In order to do so, you will explore and have a critical view of [Giglio et al., 2023], in particular, you will analyze, test and stress the data computed by the researchers in this paper.

Target: Having a critical view on the paper, test and stress the data.

Project 2

Pricing a bespoke CDS on a convertible bond

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Description of the project: Convertible bonds are corporate bonds that can be exchanged for common stock of the issuing company. The purpose of this project is to imagine a model and a pricer that would assess the price and then the value of a bespoke CDS on a convertible bond. You will have to identify the different parameters that will influence valuations, and then study and analyze the sensitivities and impacts of these parameters on the price.

Target: A pricing model and a valuation tool.



Giglio et al. (2023).

Biodiversity Risk.

[Link.](#)