

Notes on implementation

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January 2026

1 Introduction

The model is an implementation of the theory provided in the Project Liquidity and Risk file. FOC conditions were derived and simplified. First-order approximation has been applied. The subscript of R_{t-1}^T has been changed in the following equation to solve the model using Blanchard-Khan:

$$c_t + \mathbf{1}^T \mathbf{b}_t = y + \mathbf{R}_t^T \mathbf{b}_t - T_t$$

There are two files:

- gen_model - the new file, the same asset can be divided into different clusters
- gen_model_old - an asset can be placed only in one cluster.