July 16

These are the research notes on the study of the Socio-Economic Effects of the Widespread Diffusion and Adoption of Personal Fabriactors.

Test Cases

After generating a useable prototype we decided to run simulations testing the following scenarios:

- Two Factory Producers

- Two Fabricator Producers

- One Fabricator & One Factory Producer

Then we decided to test each of those scenarios under the following conditions where producers have:

- Similar Priced Goods but Different Goods to Sell

- Similar Goods to Sell but Different Prices for Goods

- Different Goods to Sell and Different Prices for Goods

Based on the following equation:

$$d_m = \frac{1}{(t-m)^2} \times \frac{1}{c_m} \tag{1}$$

We ran simulations