

# Manual Calibration Report

September 11, 2024

## Preset Calibration Variables

tpts: 7  
ats: 5  
wpts: 100  
bt: 0.992088943446991  
death: 0.00238095238095238  
bpw: 0.5  
bpf: 0.5  
n: 1  
aup: 0.1  
adown: 0.3  
qdown: [0;0;0;0;0]  
ulose: 0.0159929084777832  
A: 2.19408779144287  
fcomp: 0.809754943847656  
 $\alpha_m$ : 0.7  
homeprod: 0.975646591186523  
mnew: 2.62337875366211  
lamu: 0.340119171142578  
lam: 0.237618179321289  
del: 0.00850244903564453  
qup: [0.06;0.06;0.06;0.06;0.06]

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## Grids Used

$\text{cost}_p$

$\text{cost}_d$

0.0500      0.5000

0.0682      0.5727

0.0864      0.6455

0.1045      0.7182

0.1227      0.7909

0.1409      0.8636

0.1591      0.9364

0.1773      1.0091

0.1955      1.0818

0.2136      1.1545

0.2318      1.2273

0.2500      1.3000

# Combinations Parameters in the Bottom Selection

| $\text{cost}_p$ | $\text{cost}_d$ |
|-----------------|-----------------|
|-----------------|-----------------|

|        |        |
|--------|--------|
| 0.0500 | 0.7909 |
|--------|--------|

|        |        |
|--------|--------|
| 0.0682 | 0.7909 |
|--------|--------|

|        |        |
|--------|--------|
| 0.0500 | 0.8636 |
|--------|--------|

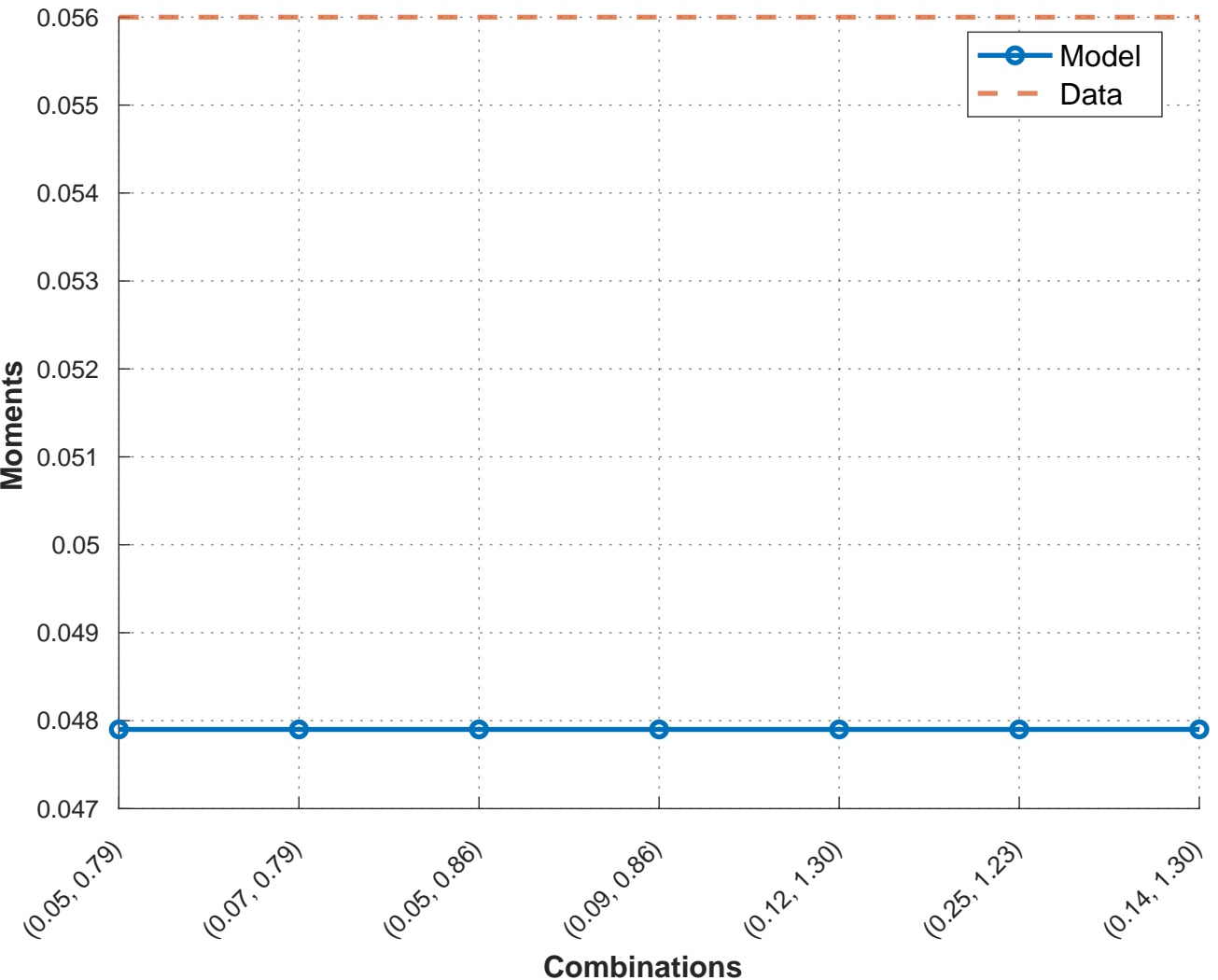
|        |        |
|--------|--------|
| 0.0864 | 0.8636 |
|--------|--------|

|        |        |
|--------|--------|
| 0.1227 | 1.3000 |
|--------|--------|

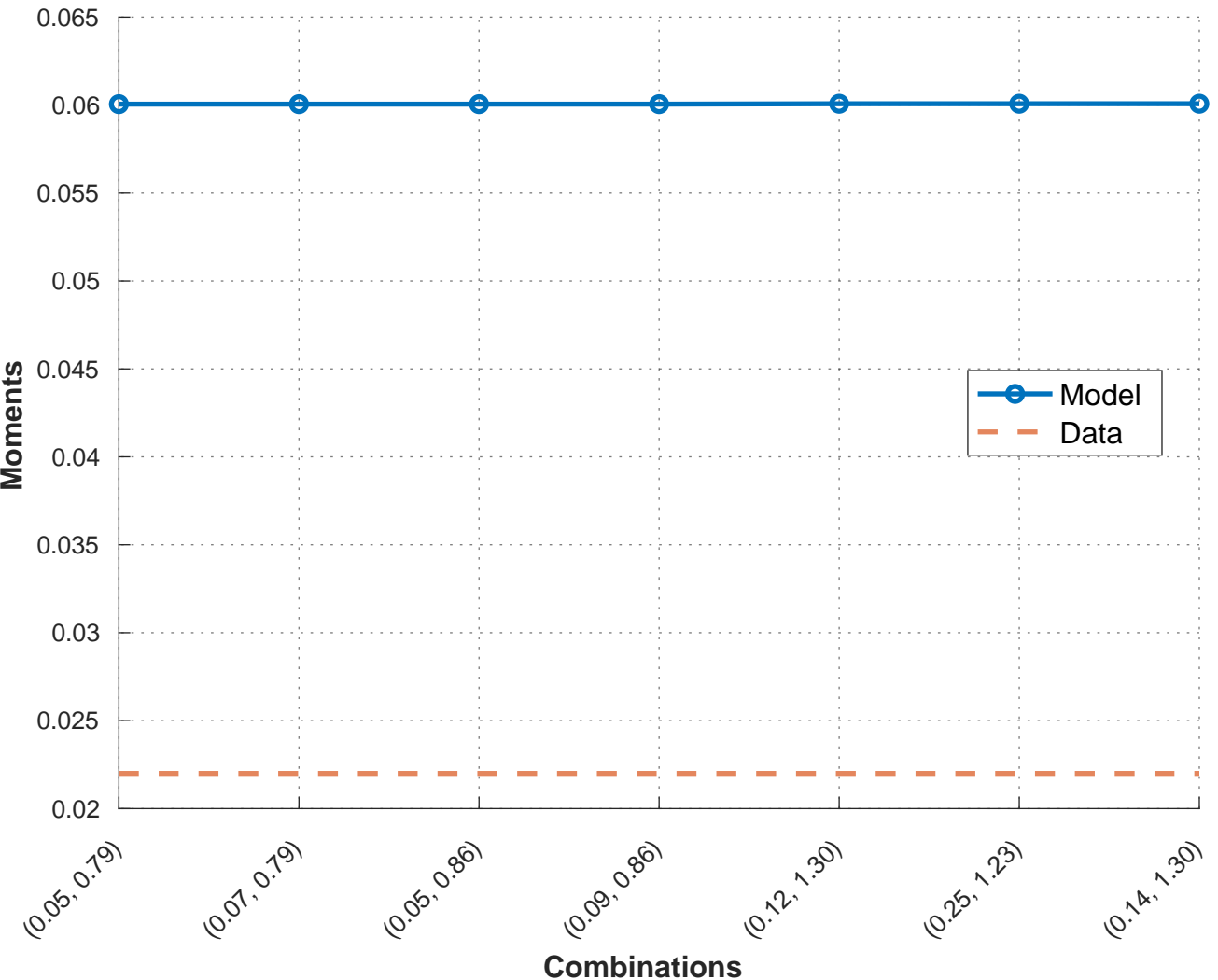
|        |        |
|--------|--------|
| 0.2500 | 1.2273 |
|--------|--------|

|        |        |
|--------|--------|
| 0.1409 | 1.3000 |
|--------|--------|

Moments and Data for NiMi



Moments and Data for MiNi



### Heatmap for cost<sub>p</sub> vs cost<sub>d</sub>

 $\times 10^{-3}$ 

### 1.3

1.2273

1.1545

1.0818

1.0091

0.93636

0.86364

0.79091

0.71818

0 64545

0 57273

05

0.05

0.068182

0.086364

0.10455

0.12273

0.14091

0.15909

0.17727

0.19545

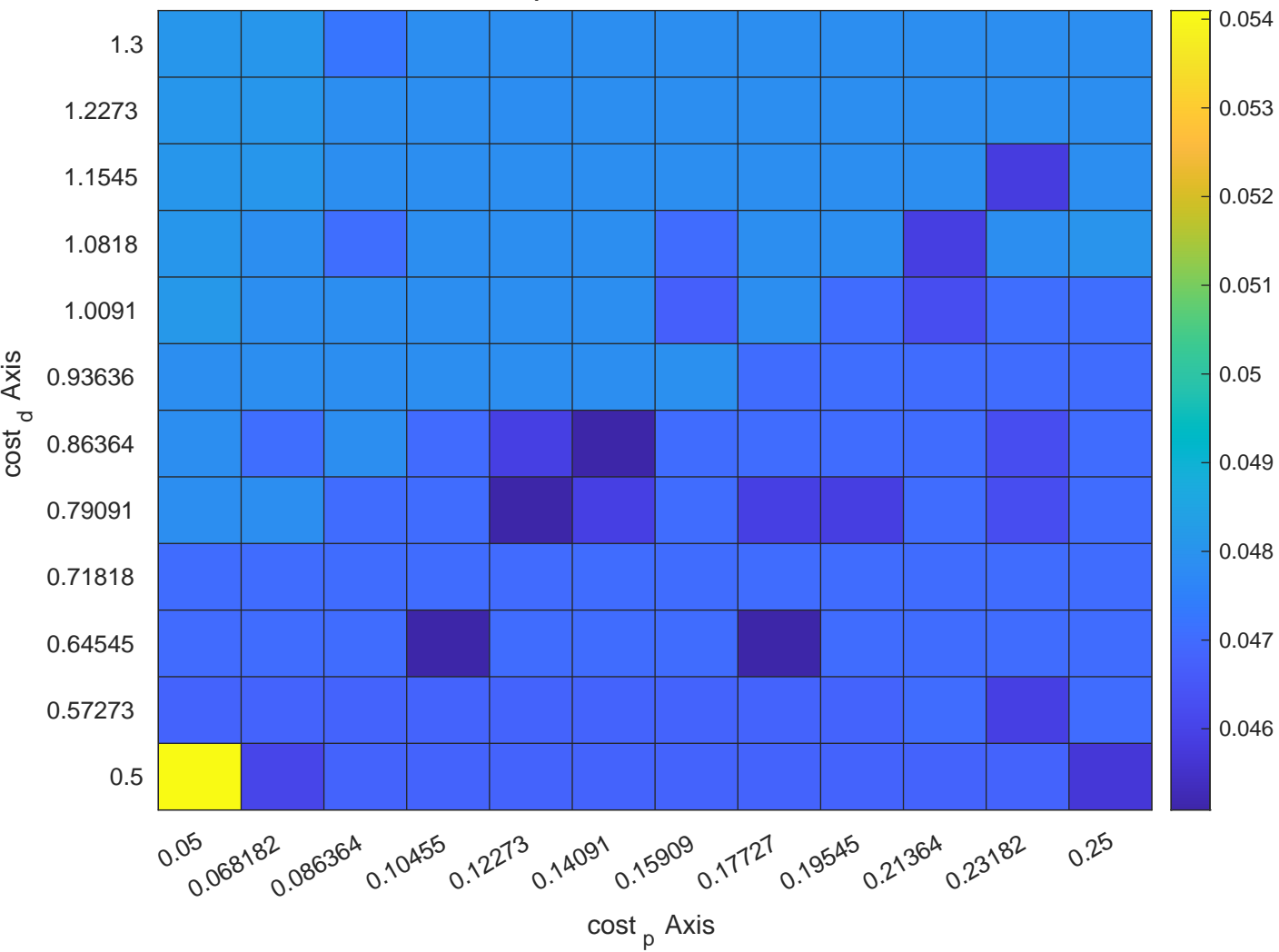
0.21364

0.2318

0.25

cost<sub>p</sub> Axis

Heatmap for cost<sub>p</sub> vs cost<sub>d</sub> for NiMi Target= 0.056



Heatmap for cost<sub>p</sub> vs cost<sub>d</sub> for MiNi Target= 0.022

