



On-premise vs. Cloud

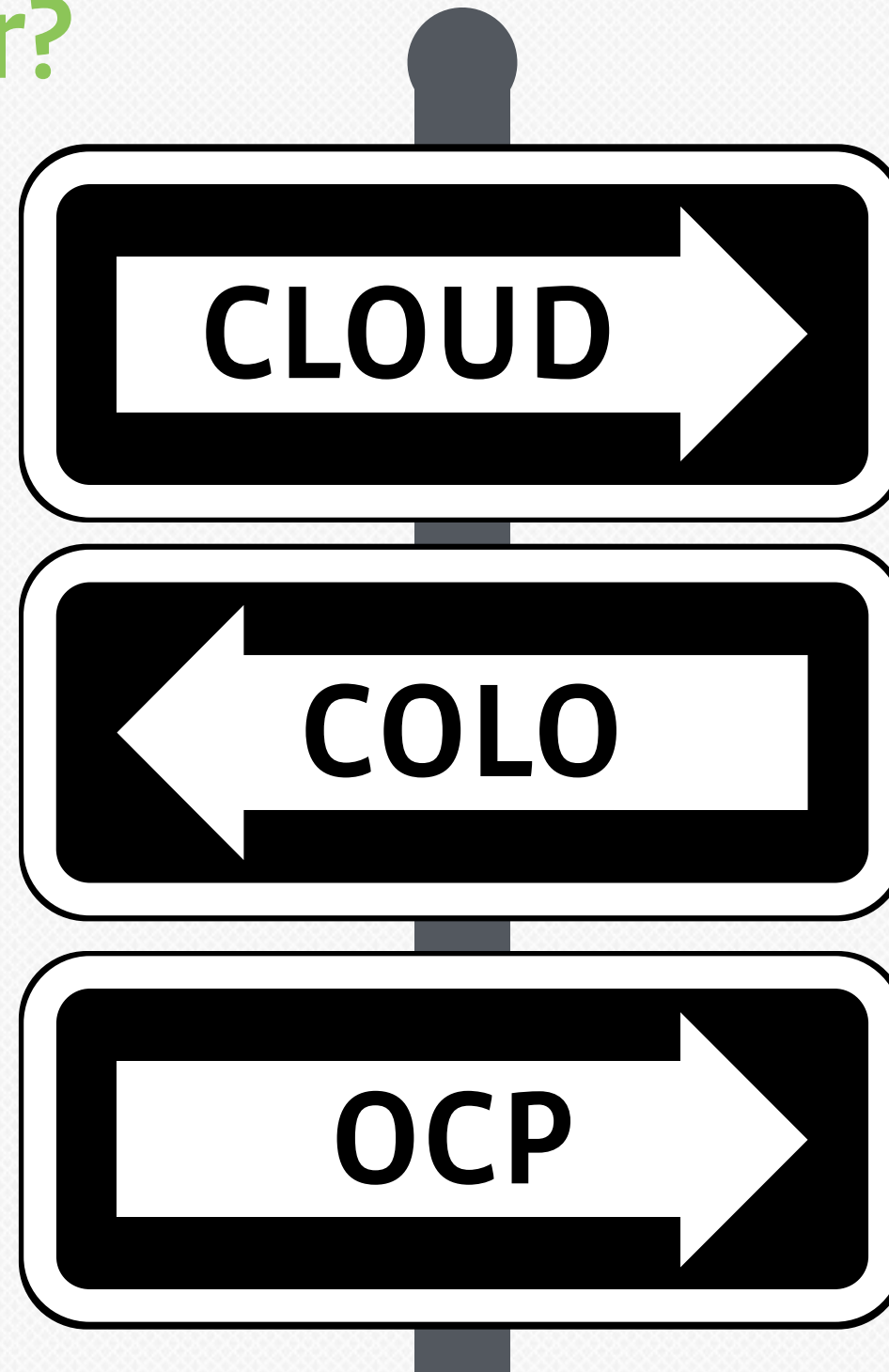
A model for creating data driven infrastructure deployment decisions

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TCO Model, huh, yeah

What is it good for?



ing contains

| | | |
|--|---|--|
| Fat 5.5g 8% | Saturates 2.4g 12% | Salt 0.7g 12% |
|--|---|--|

line daily amount

25 06.09

Display until

05.07.09

Use by

300g

Weight

12
mins

cut to a size

14
mins

ally.

ng cut to a size

Ingredients

Oats, Water, Pork Fat, Onion, Pork Rind, Pork Shoulder, Pork Liver, Rusk (Wheat Starch, Salt), Salt, Pimento, Seasoning (Rusk, Spices).

Nutrition

Typical
Composition
Energy

Protein

Carbohydrate
of which sugars

Fat

of which saturates
mono-unsaturates
poly-unsaturates

Each serving
contains

405kJ/100kcal

4.4g

7.3g

0.5g

5.5g

2.4g

0.7g

100g (3½oz)
contains

940kJ/225kcal

10.3g

16.9g

1.2g

12.9g

5.5g

2.4g

Detail Inputs

SERVER

STORAGE

NW

**DC
OPEX**

**COLO
OPEX**

**CLOUD
SERVER**

**CLOUD
STORAGE**

**CLOUD
NW**

**DC
CAPEX**

LABOR





จำกัดความเร็ว

กม./ชม.

SPEED LIMIT

Km./Hr.



รถบรรทุกลากจูง รถ 3 ล้อเครื่อง



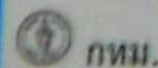
รถบรรทุก

รถโดยสาร



รถยนต์อื่น

รถจักรยานยนต์

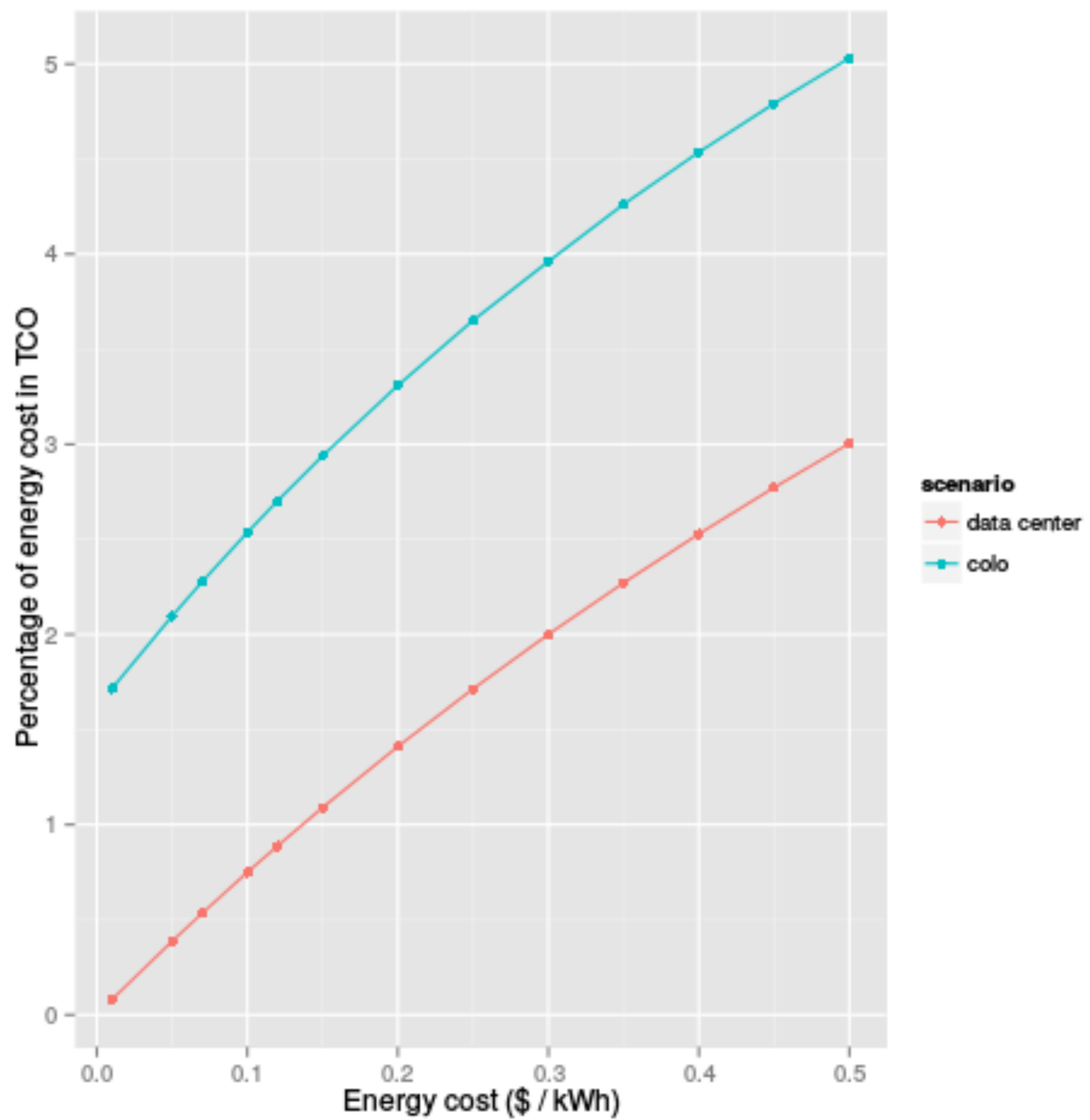


กทพ.

The Cost of Power

- Is power a significant % of infrastructure cost?
 - 4000 Compute Servers (200W)
 - 625 Storage Servers (400W)
 - 1.5MW



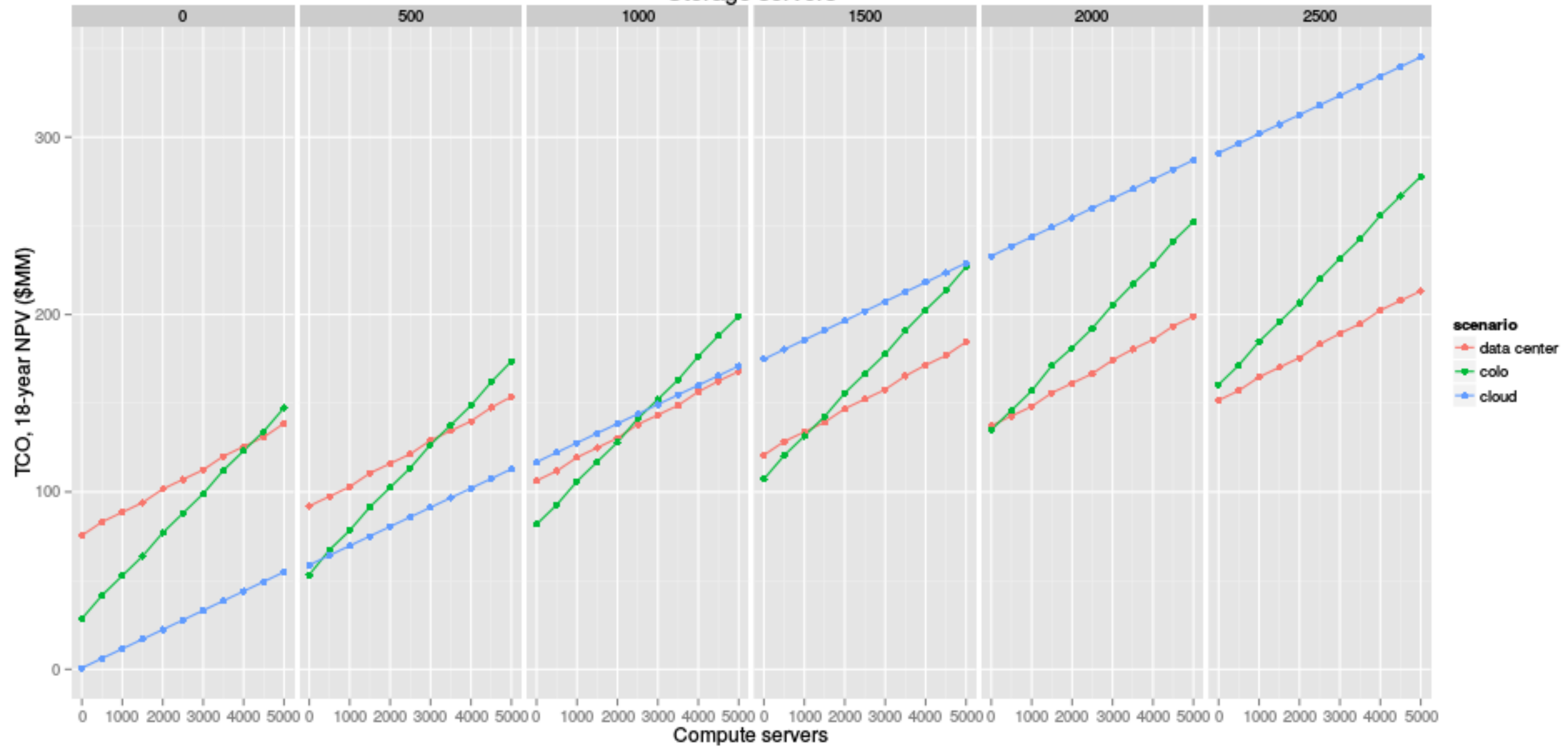


Cloud vs. Colo vs. Custom

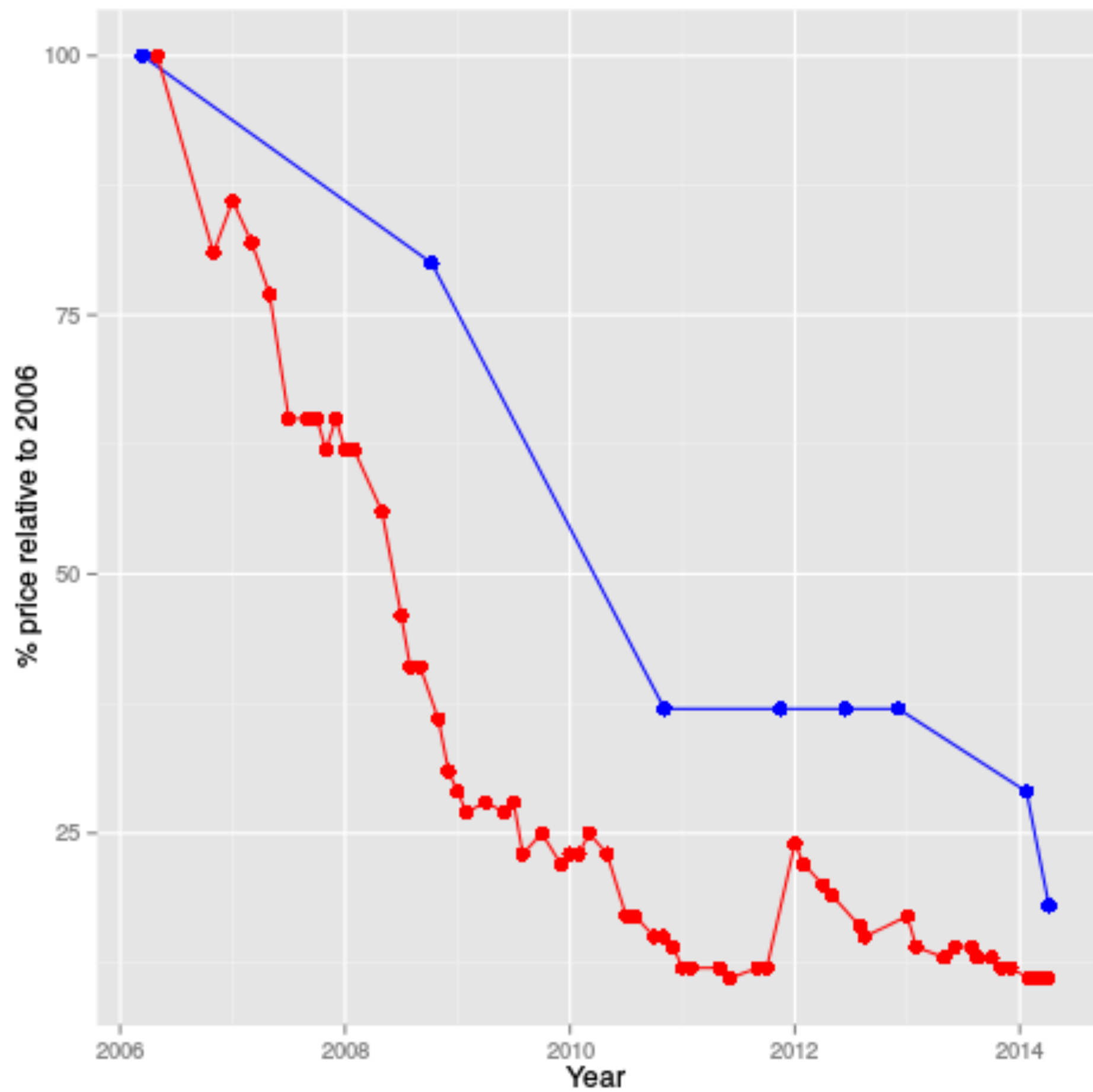
- What is the effect of cluster size?
 - Vary compute and storage server counts



Storage servers







Master the Model

- Endless use cases
- Requires modification
- Guide for decision making



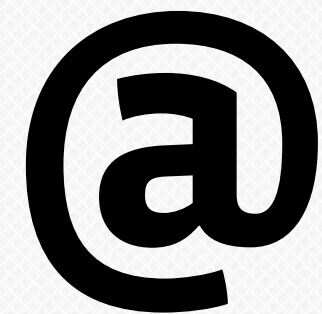
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