

# Biased Dose Responses from Observational Study

Personal  
Toxic Dosage

Visible Attribute	0	4 → 2
	1	5 → 3
		0 1
		Hidden Attribute

## The hidden attribute...

- a) lowers average observed dosages from 4 to 2 units (not depicted)
- b) lowers thresholds for toxicity (see grid to the left)

It affects a) the treatment and b) the outcome, so it is a hidden confounder.

## Analysis

