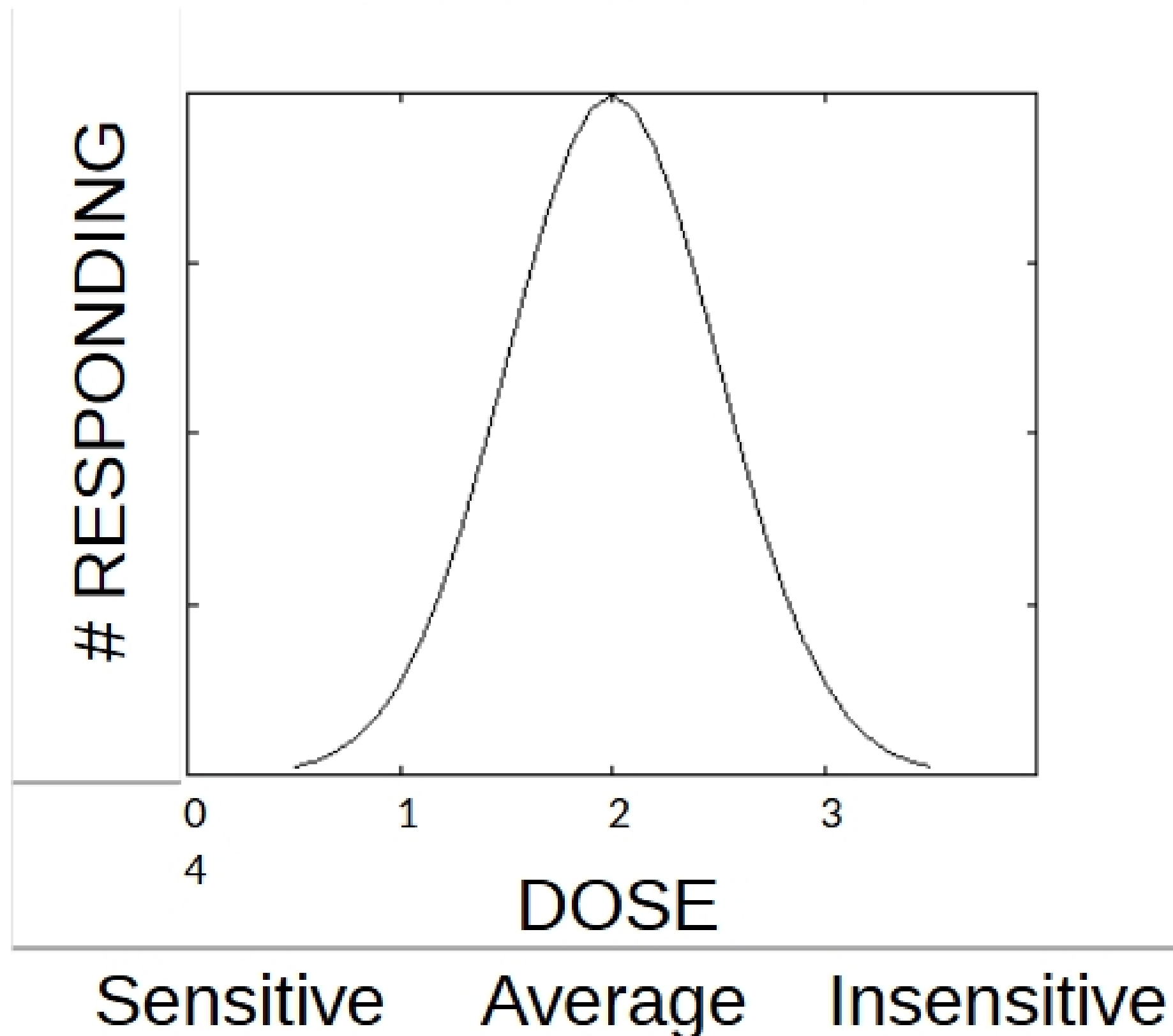
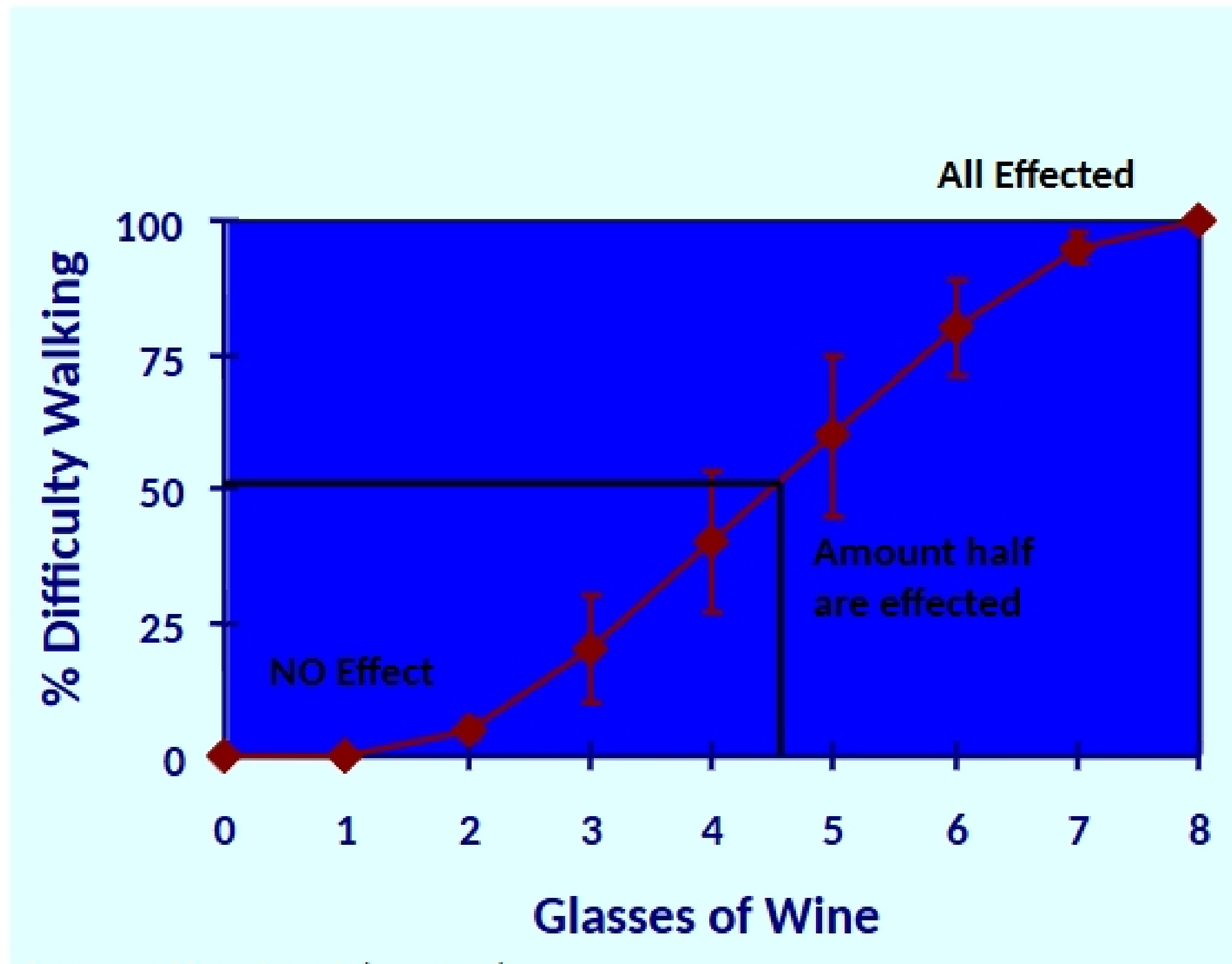


Lecture 2, Dose Responses, Mechanisms of Toxicity

Differences in a Toxic Response Across a Population



Glasses of Wine - Dose Response
Ex: classical "sigmoid" (S) dose response curve



No adverse effect level (NOAEL) = 1

Lowest adverse effect level (LOAEL) = 2 (where pop. Shows effects)

TD₅₀ (toxic dose that affects 50% of population) = 4.5