UNCERTAINTY WITH PYRITE STANDARDS

- When ϕ = 1, the Pyrite standard is perfect (i.e Gold)
  - ‣ Every positive/negative is a true positive/negative
  - ‣ <u>No uncertainty</u>

- When ϕ = 0, the Pyrite standard is perfectly wrong
  - ‣ Every positive/negative is a false positive/negative
  - ‣ <u>No uncertainty</u>

- When ϕ = 0.5, the Pyrite standard has no predictive value
  - ‣ No way of knowing if a positive/negative is a true positive/negative
  - ‣ <u>Maximum uncertainty</u>

AN INTRODUCTION TO CONFIDENCE BOXES