

t-test (simulated random sample, normality with Central Limit Theorem)

$$H_0 : \mu_{cached} = \mu_{noncached}$$

$$H_a : \mu_{cached} < \mu_{noncached}$$

- Data, P value: $1.586 \cdot 10^{-13} < 0.05$ (H_0 rejected)
- Metadata (single node), P value: $1.8 \cdot 10^{-15} < 0.05$ (H_0 rejected)
- Metadata (multinode), P value: $2.2 \cdot 10^{-16} < 0.05$ (H_0 rejected)