

## Encrypted Joins with FHIPE

Experiment Results from Hash-Based Implementation (Fall 2020)

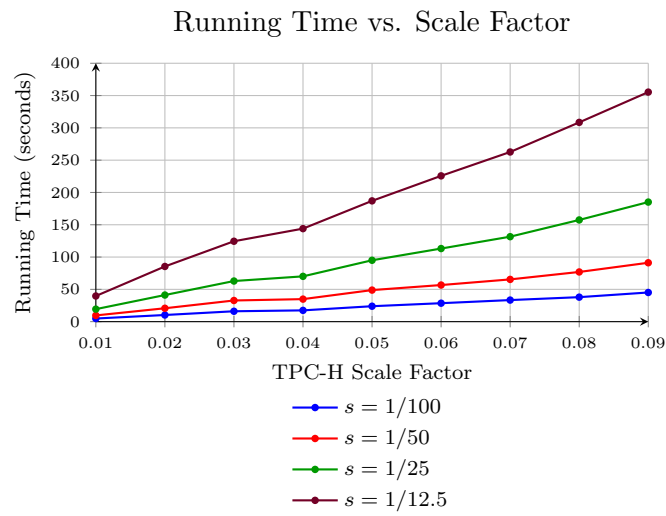
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In the following plots,  $s$  represents selectivity, where

$$s = \frac{|\sigma_{(x \text{ IN } \mathbf{x})}|}{|PK|},$$

for some set  $\mathbf{x}$ .

### Total Running Time vs. Scale Factor, by Selectivity



### Time per Decryption vs. IN Clause Max Size, by Selectivity

