# **Ensuring Correctness over Untrusted** Private Database

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results can be modified

**α - Correctness** 

### **β - Correctness**

#### **Experiments**

 $\alpha$ -correctness: Proves that the data in query result is not tampered



β-correctness: Proves that the query operations (selections, projects, joins) are executed correctly and no tuples are missing.



Proposed solutions are tested through implementation using PostgreSQL and real data. The results show that they are easy to implement and overheads are acceptable



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