

# An important and impactful paper

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*Key words:* Contextual Bandits; Local Differential Privacy; Generalized Linear Model.

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## 1. Introduction

[Erlang \(1948\)](#), [Dantzig \(1955\)](#), [Dynkin \(1956\)](#), [Bellman \(1957\)](#), [Little \(1961\)](#), [Skorokhod \(1961\)](#),  
[McKean \(1965\)](#), [Iglehart \(1965\)](#)

## 2. Model

## 3. Conclusion

## References

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## Proofs

### EC.1. Proof of Results

#### EC.1.1. Proof of Lemma

LEMMA EC.1. *As long as  $t > 8 \frac{d \log 9 + \log(T/\alpha)}{p_*^2}$ , the following lower bound*

*Proof of Lemma X*

□