Key Word: Local Differential Privacy.

Rank: CCF A

2022：

1. **An Adversarial Approach to Protocol Analysis and Selection in Local Differential Privacy.**  
   https://ieeexplore.ieee.org/document/9762731
2. **Towards Private Learning on Decentralized Graphs With Local Differential Privacy.**  
   https://ieeexplore.ieee.org/document/9855440
3. **Local Differential Privacy for Belief Functions.**

https://ojs.aaai.org/index.php/AAAI/article/view/21241

1. **Optimal Algorithms for Mean Estimation under Local Differential Privacy.**https://proceedings.mlr.press/v162/asi22b.html
2. **Gromov-Wasserstein Discrepancy with Local Differential Privacy for Distributed Structural Graphs.**https://www.ijcai.org/proceedings/2022/294
3. **Local Differential Privacy Meets Computational Social Choice - Resilience under Voter Deletion.**  
   https://www.ijcai.org/proceedings/2022/547
4. **Statistical Quantification of Differential Privacy: A Local Approach.**  
   https://ieeexplore.ieee.org/document/9833689
5. **Locally Differentially Private Sparse Vector Aggregation.**https://ieeexplore.ieee.org/document/9833635

2021:

1. **Secure and Utility-Aware Data Collection with Condensed Local Differential Privacy.**  
   https://ieeexplore.ieee.org/document/8883078
2. **On Sparse Linear Regression in the Local Differential Privacy Model.**https://ieeexplore.ieee.org/document/9269994
3. **Local Differential Privacy for Bayesian Optimization.**https://ojs.aaai.org/index.php/AAAI/article/view/17330
4. **Continuous Release of Data Streams under both Centralized and Local Differential Privacy.**https://dl.acm.org/doi/10.1145/3460120.3484750
5. **AHEAD: Adaptive Hierarchical Decomposition for Range Query under Local Differential Privacy.**https://dl.acm.org/doi/10.1145/3460120.3485668
6. **LDP-FL: Practical Private Aggregation in Federated Learning with Local Differential Privacy.**  
   https://www.ijcai.org/proceedings/2021/217
7. **Beyond Value Perturbation: Local Differential Privacy in the Temporal Setting.**  
   https://ieeexplore.ieee.org/document/9488899
8. **Manipulation Attacks in Local Differential Privacy.**https://ieeexplore.ieee.org/document/9519418

2020:

1. **Empirical Risk Minimization in the Non-interactive Local Model of Differential Privacy.**https://jmlr.org/papers/v21/19-253.html
2. **AsgLDP: Collecting and Generating Decentralized Attributed Graphs With Local Differential Privacy.**https://ieeexplore.ieee.org/document/9056817
3. **Learning New Words from Keystroke Data with Local Differential Privacy.**  
   https://ieeexplore.ieee.org/document/8568015
4. **Federated Latent Dirichlet Allocation: A Local Differential Privacy Based Framework.**https://ojs.aaai.org/index.php/AAAI/article/view/6096
5. **POSTER: Data Collection via Local Differential Privacy with Secret Parameters.**  
   https://dl.acm.org/doi/10.1145/3320269.3405441
6. **Context Aware Local Differential Privacy.**http://proceedings.mlr.press/v119/acharya20a.html
7. **Exponential Separations in Local Differential Privacy.**https://epubs.siam.org/doi/10.1137/1.9781611975994.31
8. **The power of factorization mechanisms in local and central differential privacy.**https://dl.acm.org/doi/10.1145/3357713.3384297

2019:

1. **Analyzing Subgraph Statistics from Extended Local Views with Decentralized Differential Privacy.**  
   https://dl.acm.org/doi/10.1145/3319535.3354253
2. **The Role of Interactivity in Local Differential Privacy.**https://ieeexplore.ieee.org/document/8948625
3. **On Sparse Linear Regression in the Local Differential Privacy Model.**http://proceedings.mlr.press/v97/wang19m.html
4. **Principal Component Analysis in the Local Differential Privacy Model.**https://www.ijcai.org/proceedings/2019/666
5. **Calibrate: Frequency Estimation and Heavy Hitter Identification with Local Differential Privacy via Incorporating Prior Knowledge.**https://ieeexplore.ieee.org/document/8737527
6. **Amplification by Shuffling: From Local to Central Differential Privacy via Anonymity.**https://epubs.siam.org/doi/10.1137/1.9781611975482.151
7. **PrivKV: Key-Value Data Collection with Local Differential Privacy.**https://ieeexplore.ieee.org/document/8835348

2018:

1. **LoPub: High-Dimensional Crowdsourced Data Publication With Local Differential Privacy.**https://ieeexplore.ieee.org/document/8306916
2. **Optimal Schemes for Discrete Distribution Estimation Under Locally Differential Privacy.**https://ieeexplore.ieee.org/document/8302966
3. **Privacy Enhanced Matrix Factorization for Recommendation with Local Differential Privacy.**https://ieeexplore.ieee.org/document/8290673
4. **Comparing Population Means Under Local Differential Privacy: With Significance and Power.**https://arxiv.org/abs/1803.09027
5. **CALM: Consistent Adaptive Local Marginal for Marginal Release under Local Differential Privacy.**https://dl.acm.org/doi/10.1145/3243734.3243742
6. **PrivSet: Set-Valued Data Analyses with Locale Differential Privacy.**https://ieeexplore.ieee.org/document/8486234
7. **Guaranteeing Local Differential Privacy on Ultra-Low-Power Systems.**https://ieeexplore.ieee.org/document/8416855
8. **Locally Differentially Private Frequent Itemset Mining.**https://ieeexplore.ieee.org/document/8418600

2017

1. **Generating Synthetic Decentralized Social Graphs with Local Differential Privacy.**https://dl.acm.org/doi/10.1145/3133956.3134086

2016

1. **Extremal Mechanisms for Local Differential Privacy.**https://jmlr.org/papers/v17/15-135.html
2. **Heavy Hitter Estimation over Set-Valued Data with Local Differential Privacy.**https://dl.acm.org/doi/10.1145/2976749.2978409