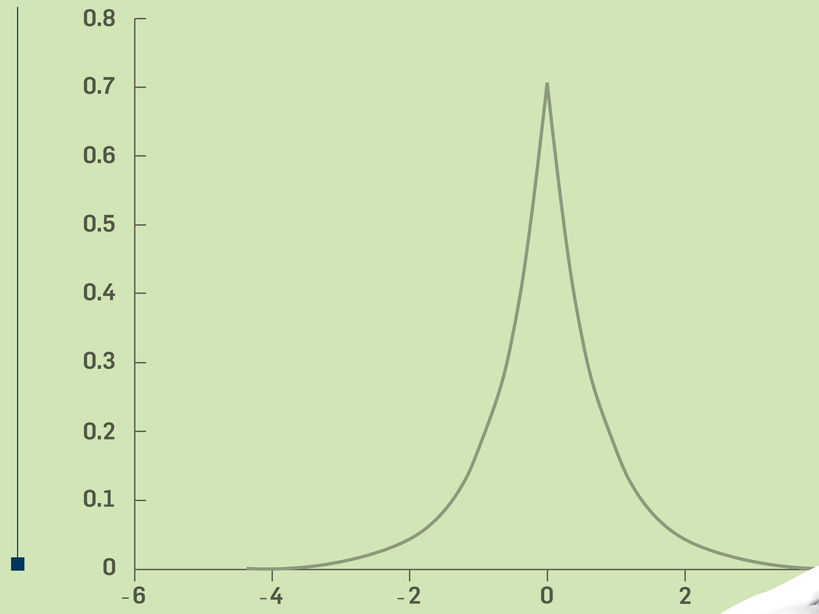
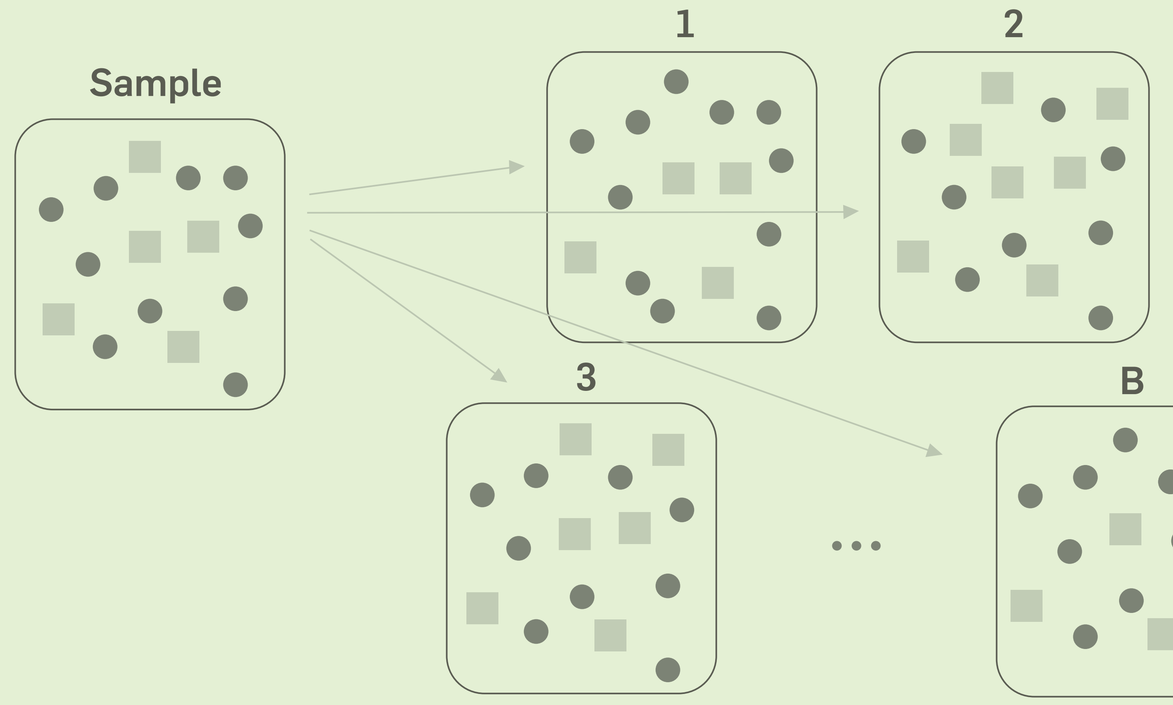
CARINA GRAW

STATISTIC



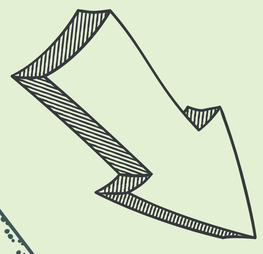


BOOTSTRAP

CONFIDENCE INTERVAL

STOCHASTIC GRADIENT DESCENT

DIFFERENTIAL PRIVACY



WOMEN IN IT SECURITY

Carina Graw is a doctoral student at the Chair for Stochastics at Ruhr University Bochum (RUB), within the Cluster of Excellence CASA.

In her research, she focuses on statistical guarantees for methods that ensure privacy in terms of Differential Privacy. In the classical case, Bootstrap is a widely used and well-studied principle for determining such guarantees. She investigates whether and how this principle can be implemented under Differential Privacy, currently for Stochastic Gradient Descent. Carina successfully completed her master's degree in Mathematics at RUB in 2021.

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Concept and Design: HGI Annika Gödde & Conny Robrahn

Bildnachweise: CASA, Tim Kramer; stock.adobe.com: Oleksandr Pokusai, magann, Christos Georghiou, Kirill

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