

Research Report

Query: what is sgld?

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Executive Summary

■ DEEP RESEARCH RESULTS

===== Query: what is sgld? Analysis Date: 2025-09-21 00:55:01 ■ EXECUTIVE SUMMARY ----- The research reveals several findings with moderate confidence: DETAILED ANALYSIS

===== 1. what is sgld?

----- Confidence: ■ 0.66 Answer: Exact Bayesian Learning is possible on a limited set of models as we need to know the prior of the model parameters which is not feasible. When x and t are independent, it means that the likelihood function does not depend on the covariates. Sources (5): [1] bayesian presentation iisc.pdf (n.d.). Retrieved from local database. Relevance score: 0.15 [2] bayesian presentation iisc.pdf (n.d.). Retrieved from local database. Relevance score: 0.15 [3] NPTEL Summer Internship Report.pdf (n.d.). Retrieved from local database. Relevance score: 0.15 [4] NPTEL Summer Internship Report.pdf (n.d.). Retrieved from local database. Relevance score: 0.15 [5] NPTEL Summer Internship Report.pdf (n.d.). Retrieved from local database. Relevance score: 0.15 CONFIDENCE ASSESSMENT

===== Overall Confidence: Moderate (0.66) Assessment: Good evidence with some limitations Evidence Quality: • Total evidence pieces: 5 • Source diversity: 2 unique sources • Subtasks completed: 1 SOURCE VERIFICATION

===== Sources analyzed: 2

===== Research completed by Deep Researcher Agent All sources are from local document collection

Detailed Analysis

1. *what is sgld?*

Answer: Exact Bayesian Learning is possible on a limited set of models as we need to know the prior of the model parameters which is not feasible. When x and t are independent, it means that the likelihood function does not depend on the covariates.

Confidence: 0.66