

Research Report

Query: tell me about bayesian
Generated: 2025-09-21 01:11:10

Executive Summary

■ DEEP RESEARCH RESULTS

===== Query: tell me about
bayesian Analysis Date: 2025-09-21 01:11:10 ■ EXECUTIVE SUMMARY -----
The research reveals several findings with moderate confidence: DETAILED ANALYSIS
===== 1. What is the relationship
between tell in the context of the query? ----- Confidence: ■ 0.65 Answer:
SGLD uses mini-batches to compute a noisy gradient of the log-likelihood, adds Gaussian noise,
and slowly decays the step size. SGLD has been applied, for example, to Bayesian deep learning.
Sources (5): [1] bayesian presentation iisc.pdf (n.d.). Retrieved from local database. Relevance
score: 0.14 [2] bayesian presentation iisc.pdf (n.d.). Retrieved from local database. Relevance
score: 0.14 [3] bayesian presentation iisc.pdf (n.d.). Retrieved from local database. Relevance
score: 0.14 [4] bayesian presentation iisc.pdf (n.d.). Retrieved from local database. Relevance
score: 0.14 [5] bayesian presentation iisc.pdf (n.d.). Retrieved from local database. Relevance
score: 0.14 CONFIDENCE ASSESSMENT
===== Overall Confidence: Moderate
(0.65) Assessment: Good evidence with some limitations Evidence Quality: • Total evidence pieces:
5 • Source diversity: 1 unique sources • Subtasks completed: 1 SOURCE VERIFICATION
===== Sources analyzed: 1
===== Research
completed by Deep Researcher Agent All sources are from local document collection

Detailed Analysis

1. What is the relationship between tell in the context of the query?

Answer: SGLD uses mini-batches to compute a noisy gradient of the log-likelihood, adds Gaussian noise, and slowly decays the step size. SGLD has been applied, for example, to Bayesian deep learning.
Confidence: 0.65