Nowcasting Chilean Household Consumption With Electronic Payment Data — Banco Central de Chile's Pandemic-Era Model

AI in the Public Sector · Good practice · Chile

Quality score: 53/100

Evidence strength: Moderate

Summary

Banco Central de Chile tested near-zero-lag electronic card-payment data against its standard nowcasting methods for tracking household consumption through the COVID-19 shock, finding accuracy gains once spending categories were properly weighted.

Key dimensions

Dimension	Score
Evidence of impact / measured public value	2/3
Transparency, fairness & accountability	2/3
Transferability / demonstrated replication	1/3
Scalability beyond pilot	1/3
Governance, capability & sustainability	2/3

Evaluated by C-NAPSE

Data sources

C-NAPSE web research — accessed 2026-08-26

Banco Central de Chile — accessed 2026-08-26

Banco Central de Chile — Working Paper N°931 (official) — accessed 2026-08-26

IDEAS/RePEc — Working Paper 931 record — accessed 2026-08-26

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