Working Papers on Economics - The dawn of a mobile payment scheme: The case of Movii

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Publication Date: Wednesday, 7 of April 2021 Abstract
Mobile wallets replicate physical wallets on a mobile device, in which users can store different payment instruments (e.g., cards, transfers) to make mobile payments. As the mobile wallet is adopted, a mobile payment scheme emerges, with its users as elements in a network of transfers. In this article, I study the mobile payment scheme of Movii— the first fintech firm in Colombia operating under a financial non-banking license for electronic deposits and payments. Based on a unique dataset of bilateral transfers between Movii's mobile wallet users, I build, visualize and analyze Movii's network, daily from November 18, 2017, to November 25, 2020. Besides the anticipated increase in the number of users and the value of transfers, the visual and quantitative complexity of the network of transfers increases over time. This increase in complexity is likely to be linked to the adoption of Movii's mobile wallet, which results in users finding new ways to use mobile payments beyond person-to-person transfers, including person-to-business and business-to-business. Also, results suggest the Covid-19 pandemic accelerated the evolution of Movii's mobile payments scheme.

Fuente: https://www.banrep.gov.co/en/publications-research/working-papers-economics/dawn-mobile-payment-scheme-case