Borrador número 840
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AUTHOR OR EDITOR
Carlos León
Jhonatan Pérez
Luc Renneboog
AUTHORS AND/OR EDITORS

Jhonatan Pérez	
Luc Renneboog	
market infrastructure we st registering individual netwo networks enables us to con yields a misleading perspe institutions; (ii) a multi-laye networks (e.g. sparse, inho that preserves the main co multiplexity. The results hig relate to each other across	olombian sovereign securities settlements. With data from the settlement addy financial institutions' transactions from three different trading and orks that we combine into a multi-layer network. Examining this network of a firm that (i) studying isolated single-layer trading and registering networks active on the relations between and risks induced by participating financial or approach produces a connective structure consistent with most real-world amogeneous, and clustered); and (iii) the multi-layer network is a multiplex nective features of its constituent layers due to positively correlated applicable the importance of mapping and understanding how financial institutions amultiple financial environments, and the value of financial market of data that may help to overcome the main obstacles for working on multi-
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