

BIS

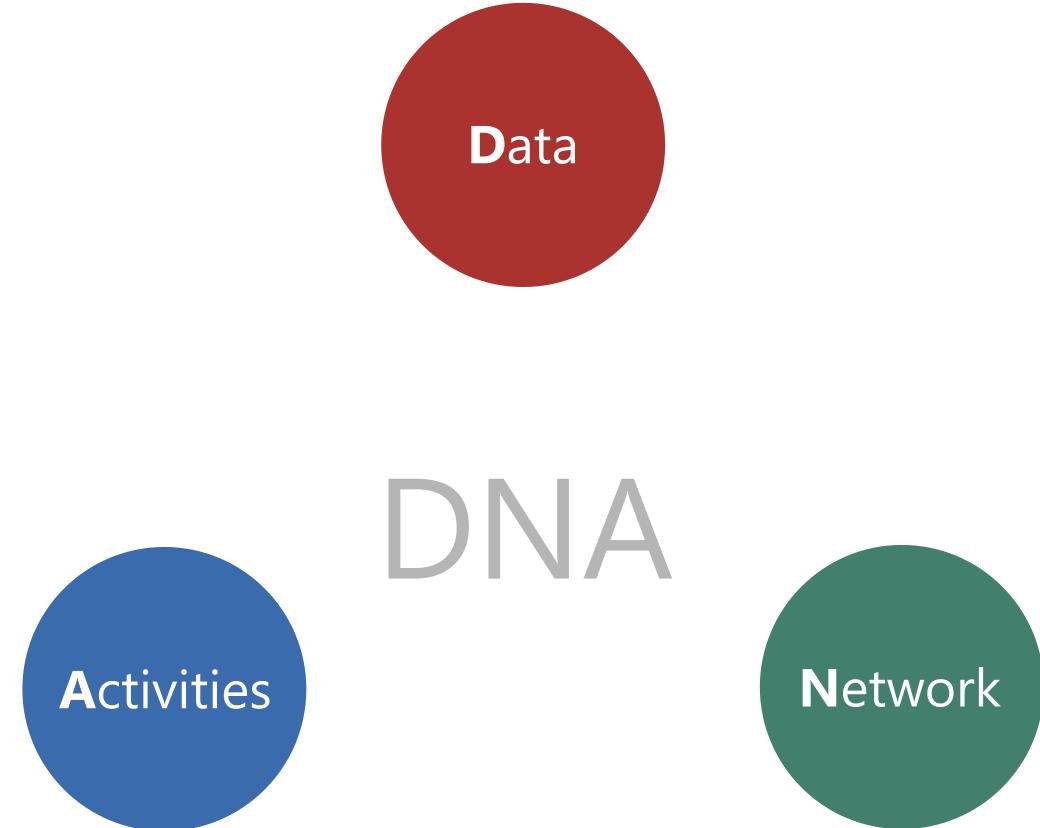


Big tech in finance: opportunities and risks

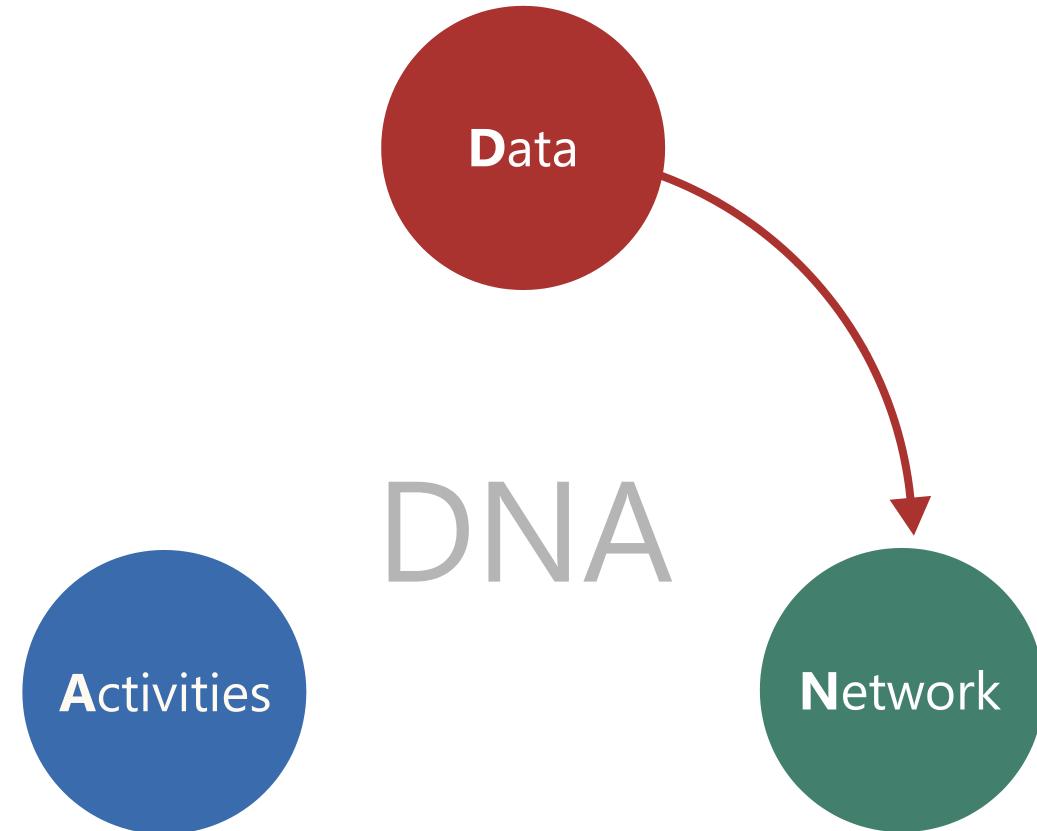
Hyun Song Shin
Economic Adviser and Head of Research

89th Annual General Meeting

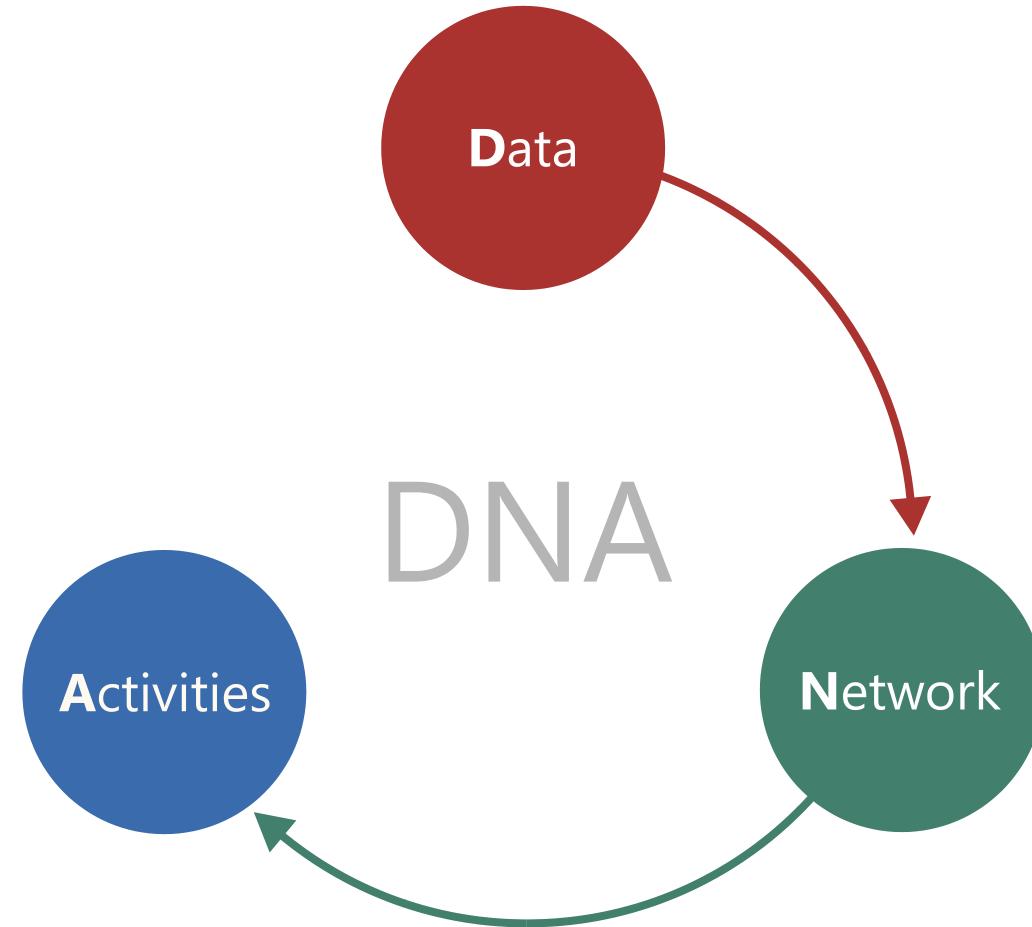
Data-Network-Activities loop



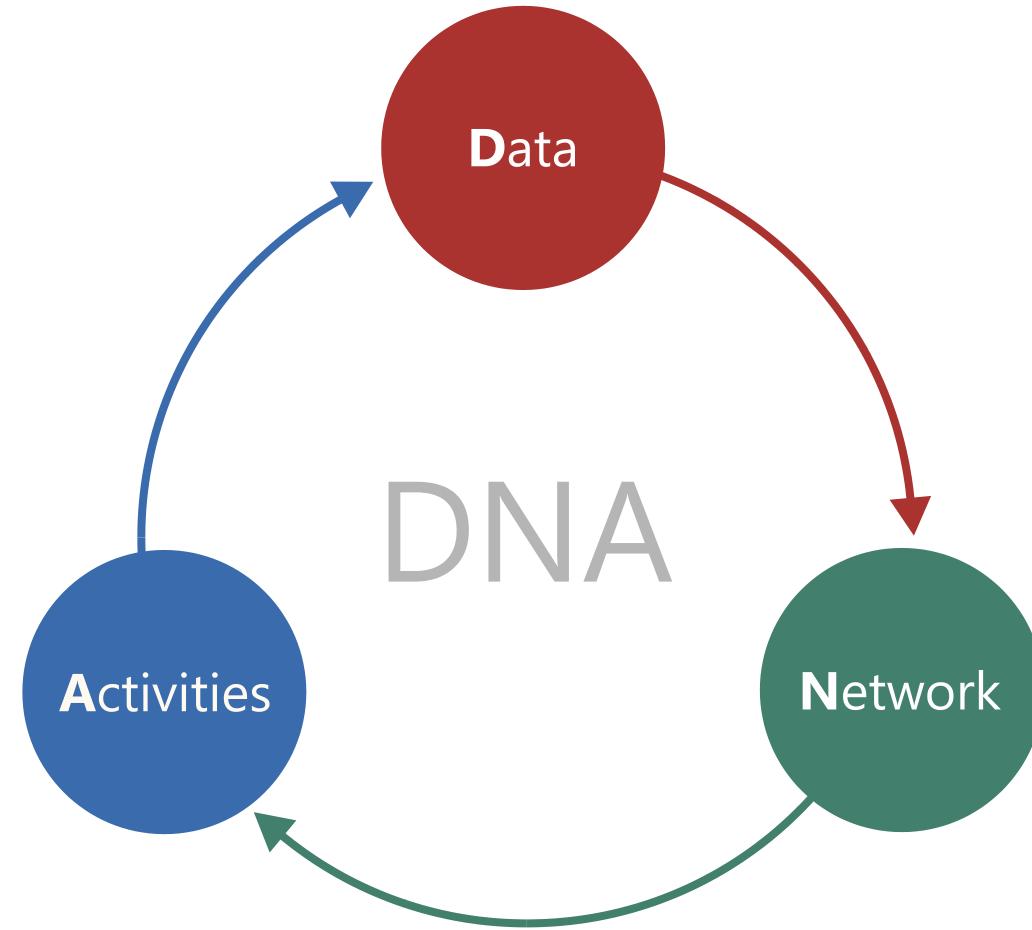
Data-Network-Activities loop



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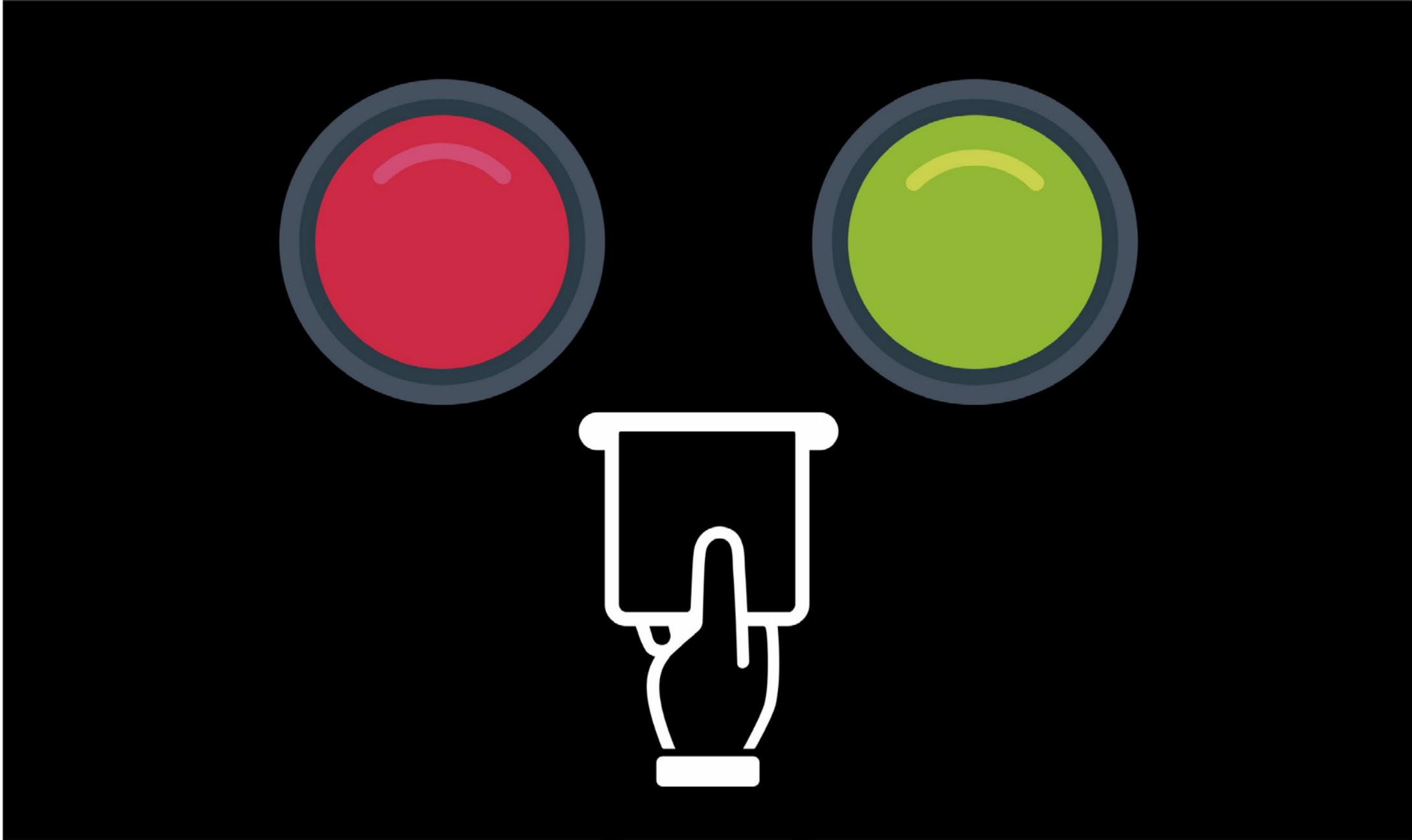


Data-Network-Activities loop

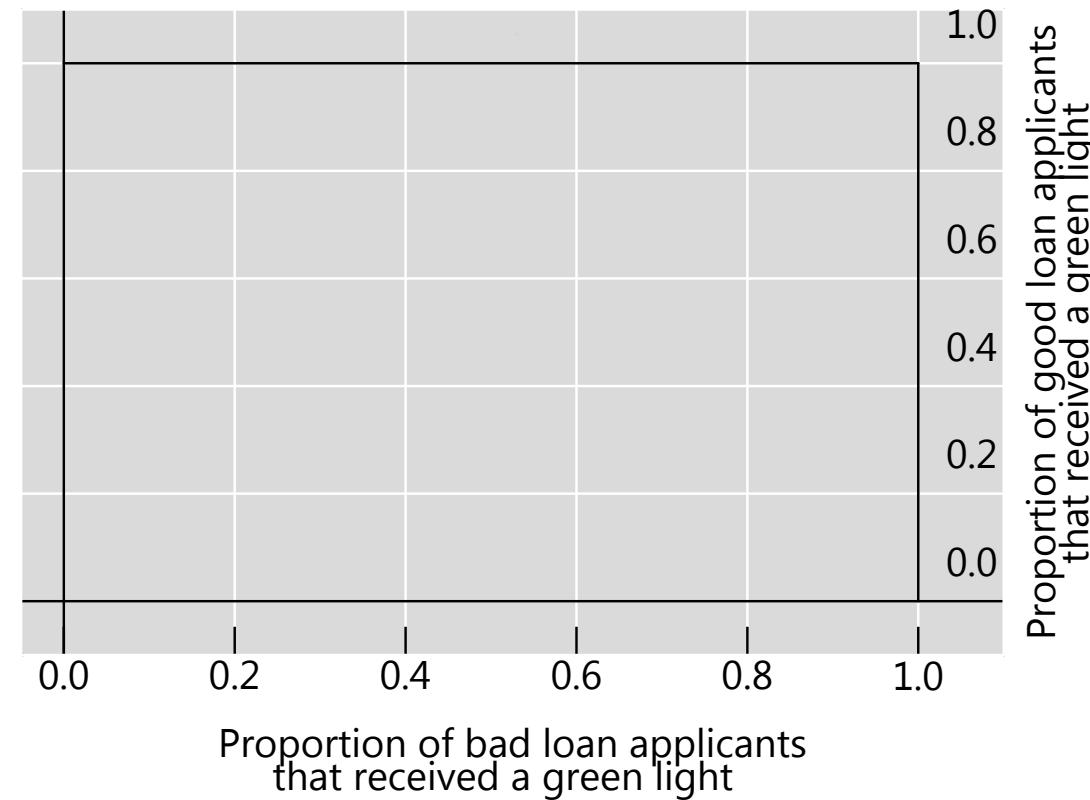




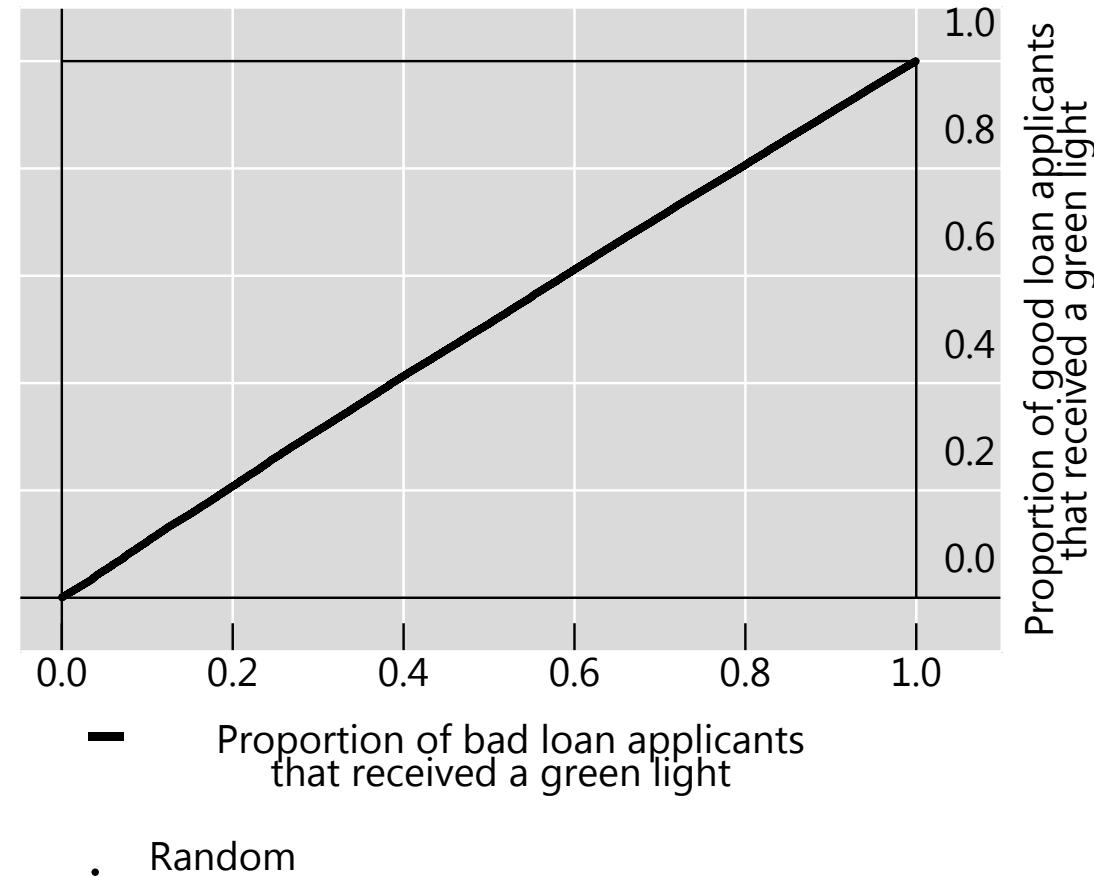
Opportunities:
big data and financial inclusion



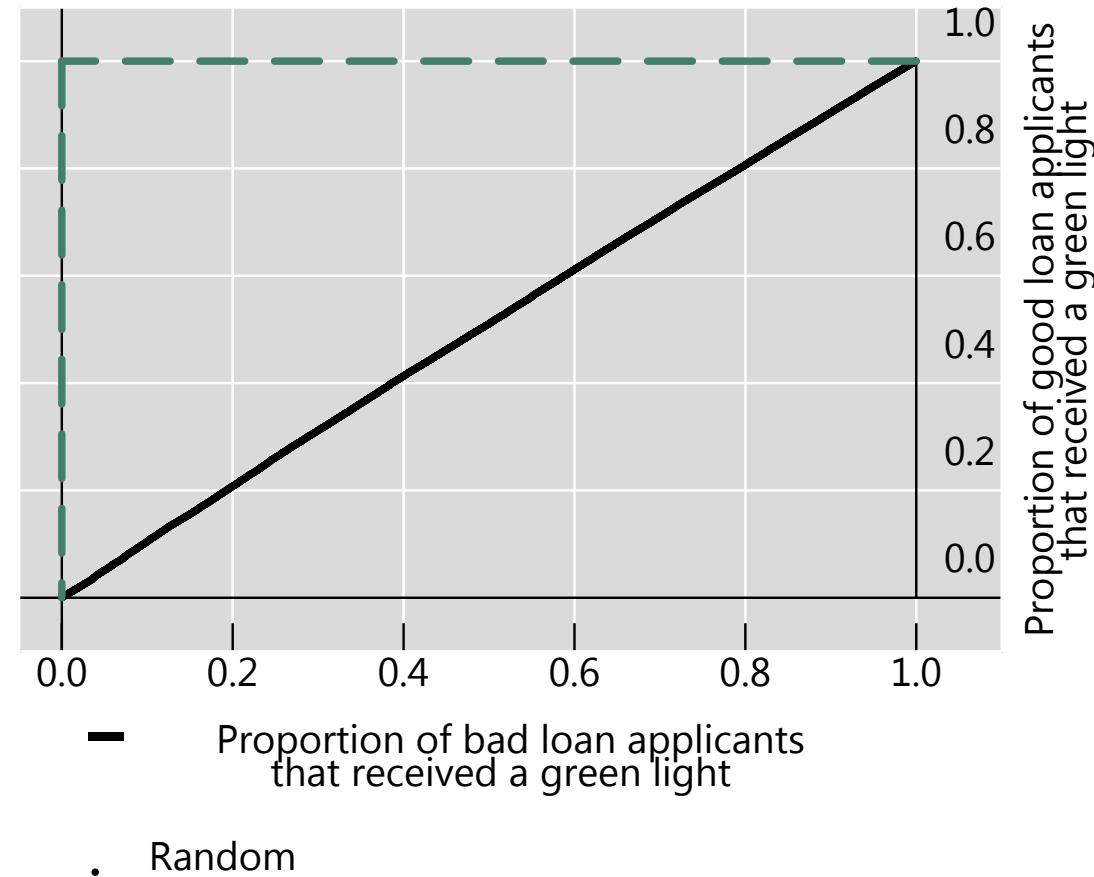
Accuracy of credit scoring models for “unbanked” borrowers



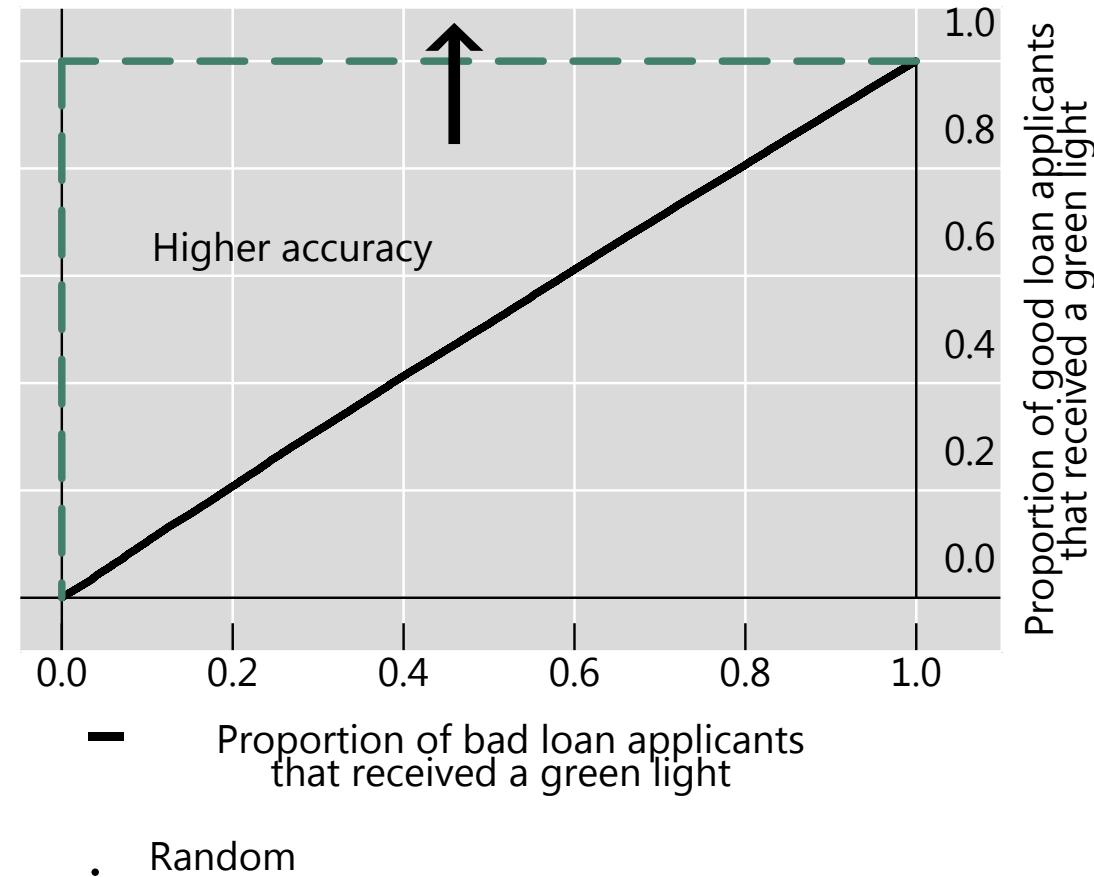
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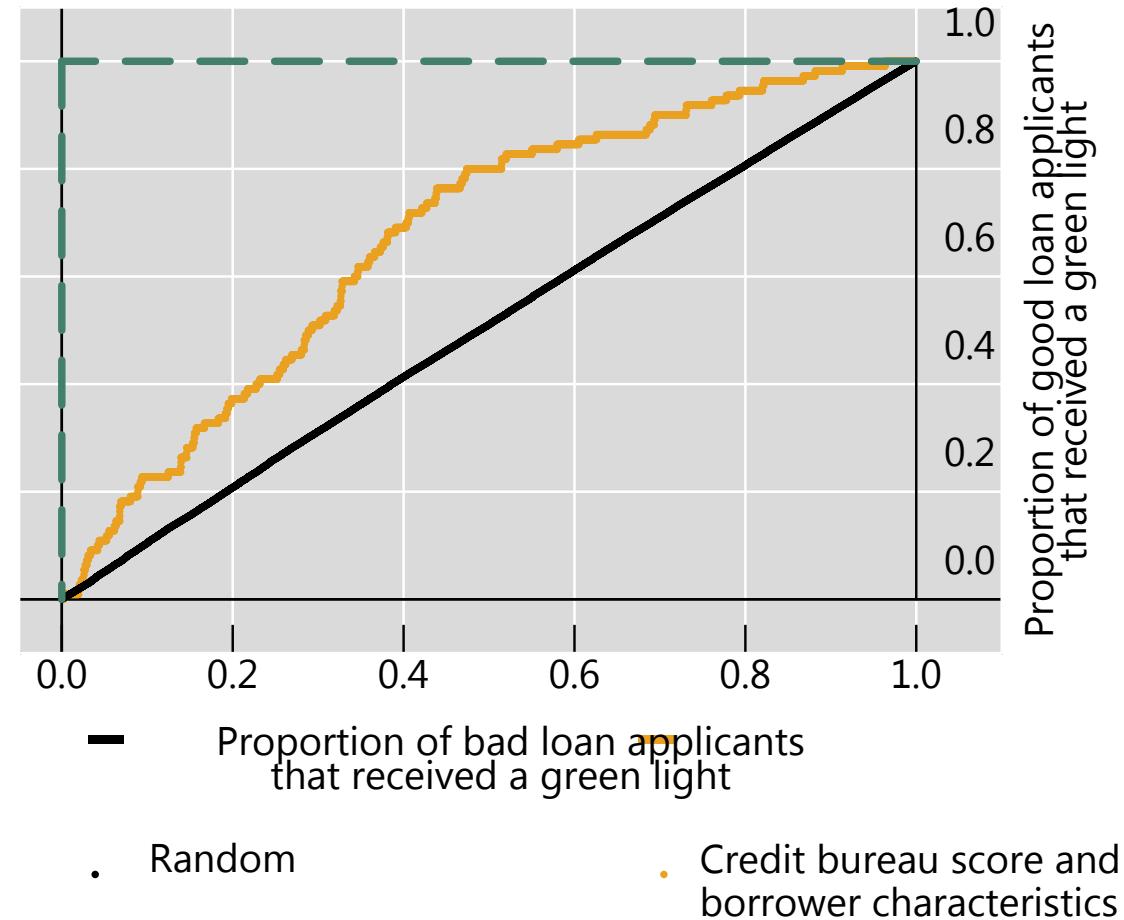
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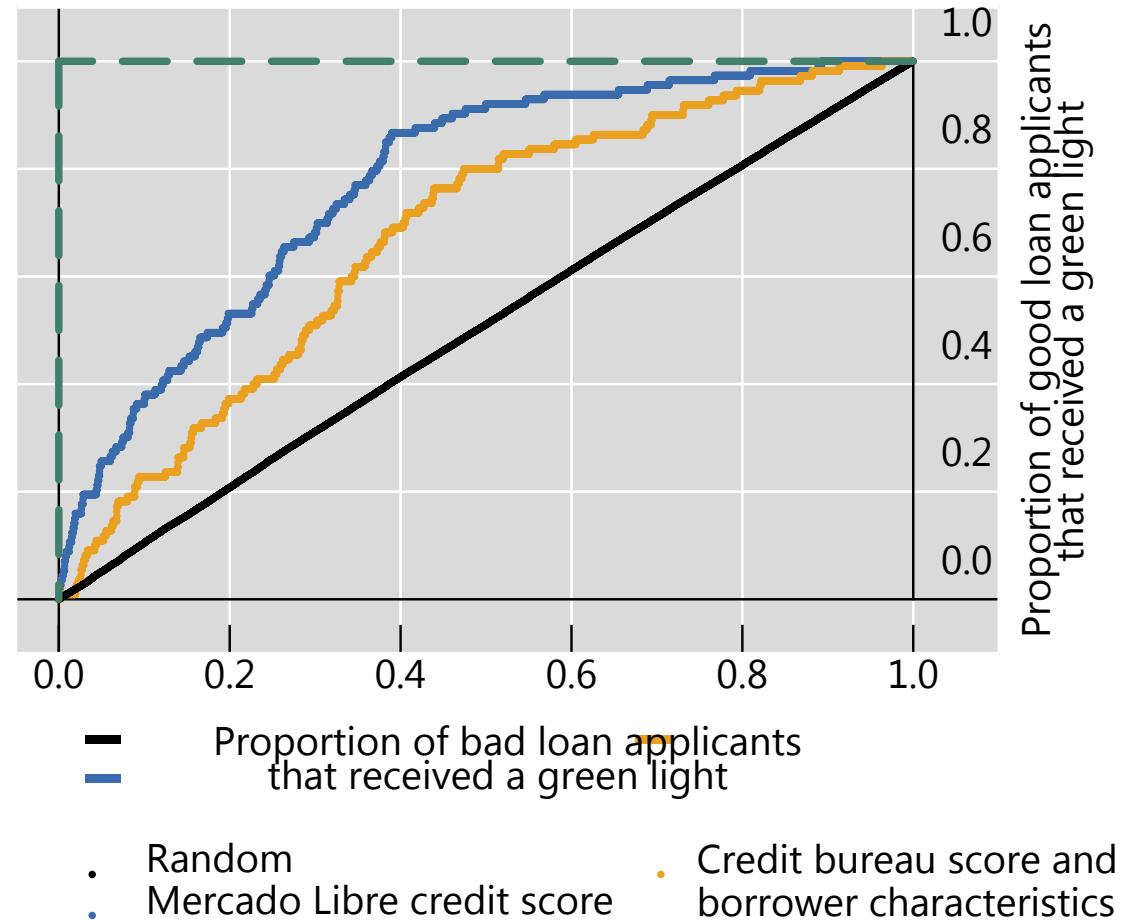
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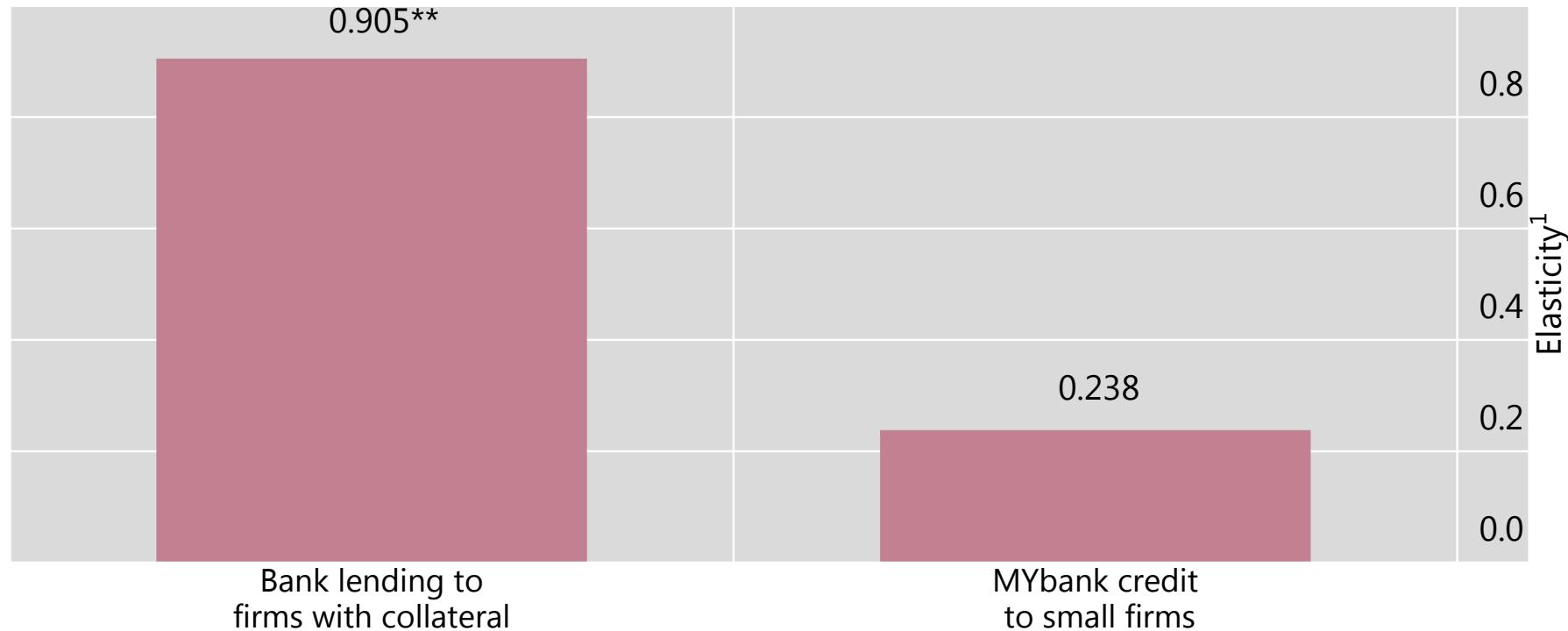
Accuracy of credit scoring models for “unbanked” borrowers



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Breaking the link between credit and house prices in China



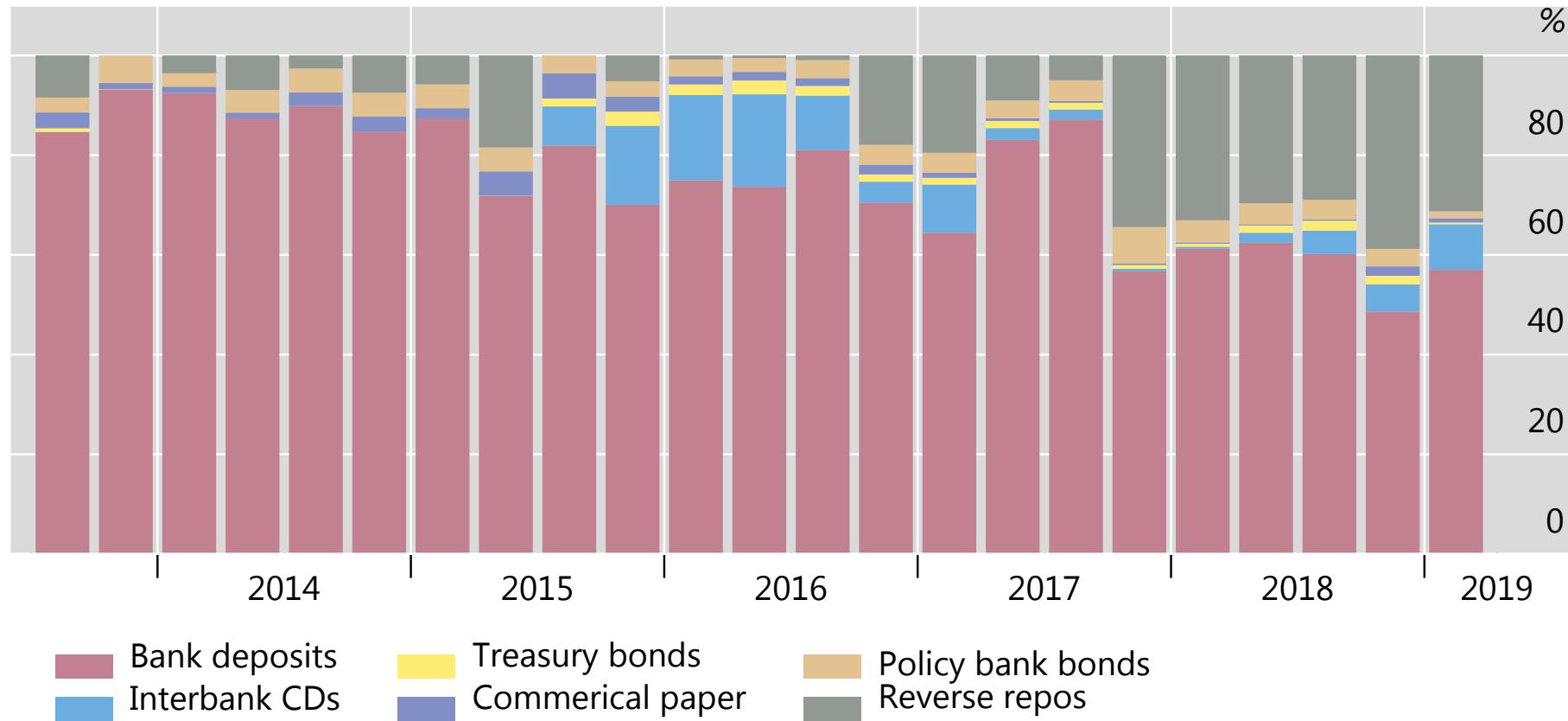
** indicates significance at the 5% level.

¹ Percentage change of credit in response to a 1% change in house prices.



Public policy challenges:
adapting old rules to new settings

Money market fund assets are held in banks¹

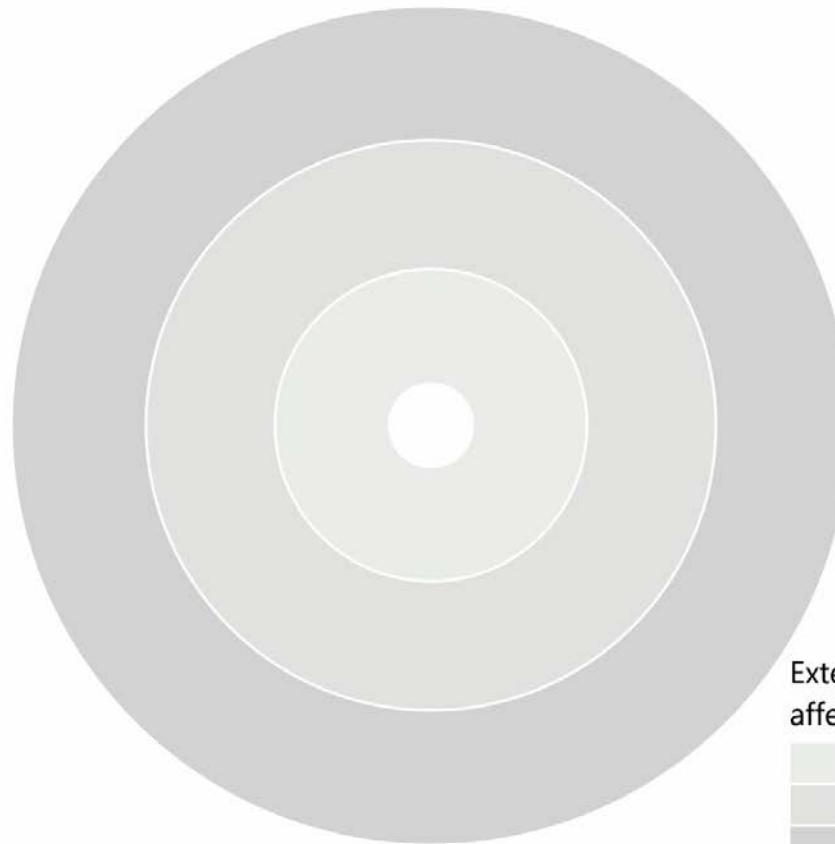


¹ Data for Yu'ebao.



Public policy challenges: the data–competition nexus – a new regulatory compass

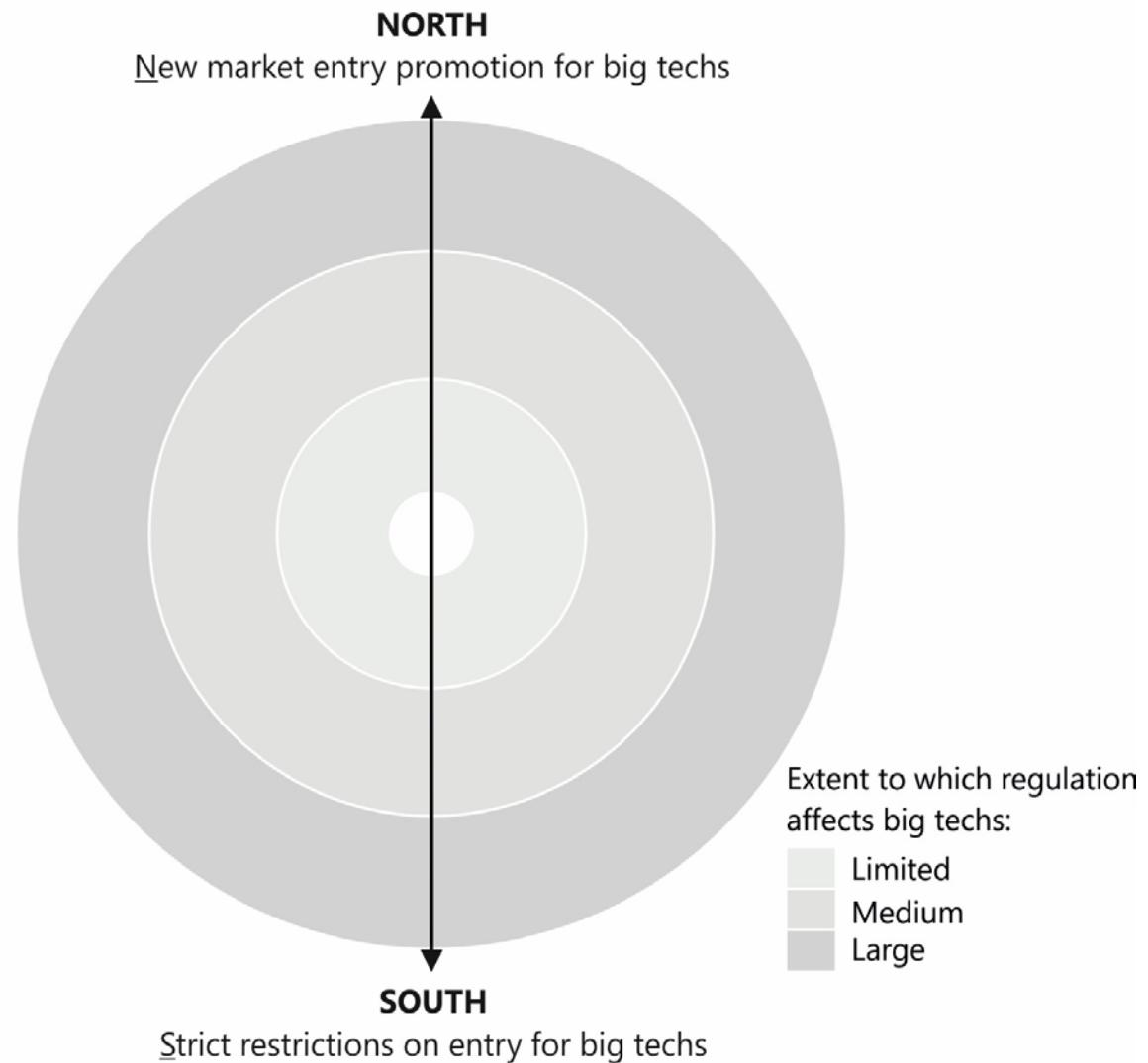
A new regulatory compass



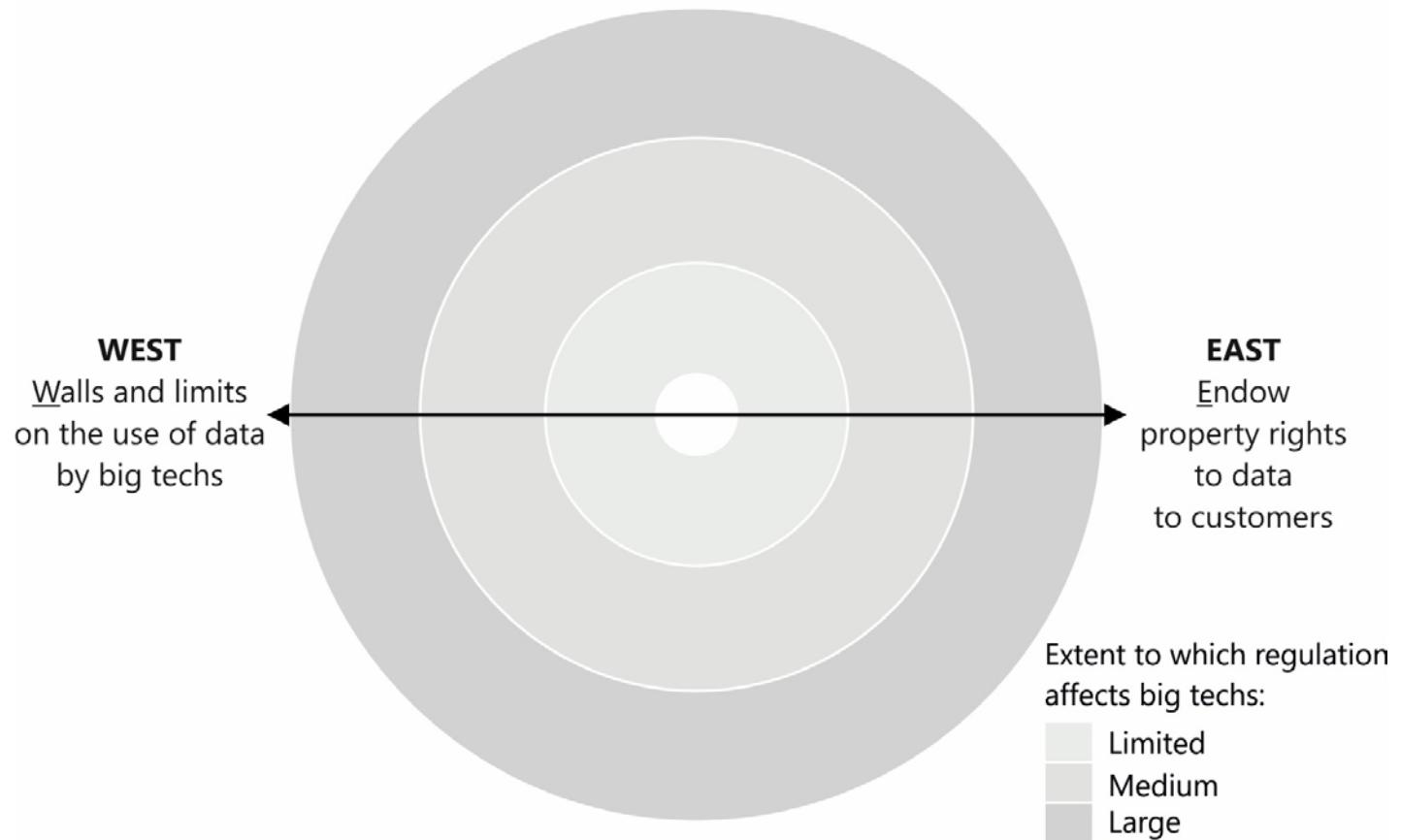
Extent to which regulation
affects big techs:

- Limited
- Medium
- Large

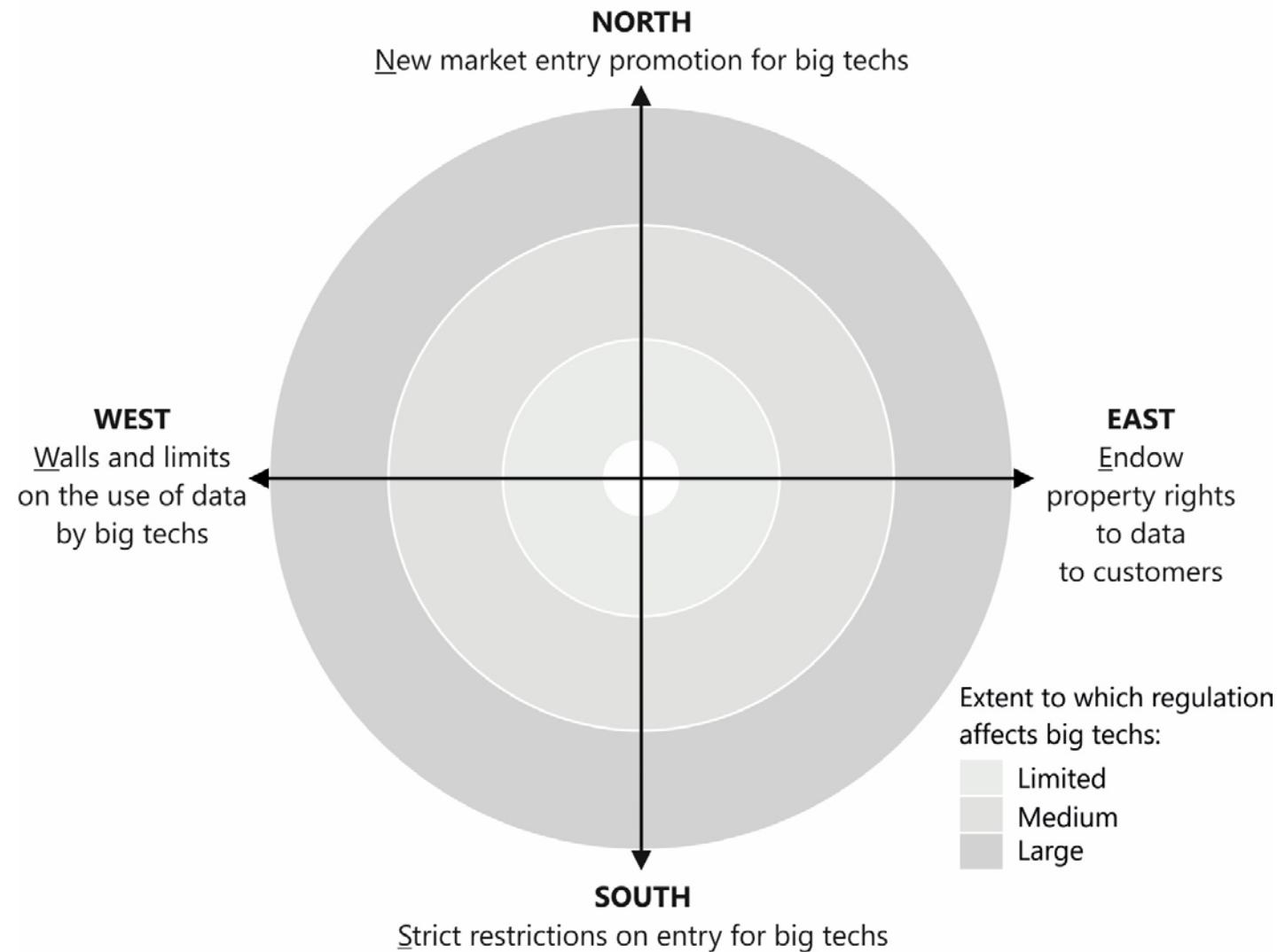
A new regulatory compass



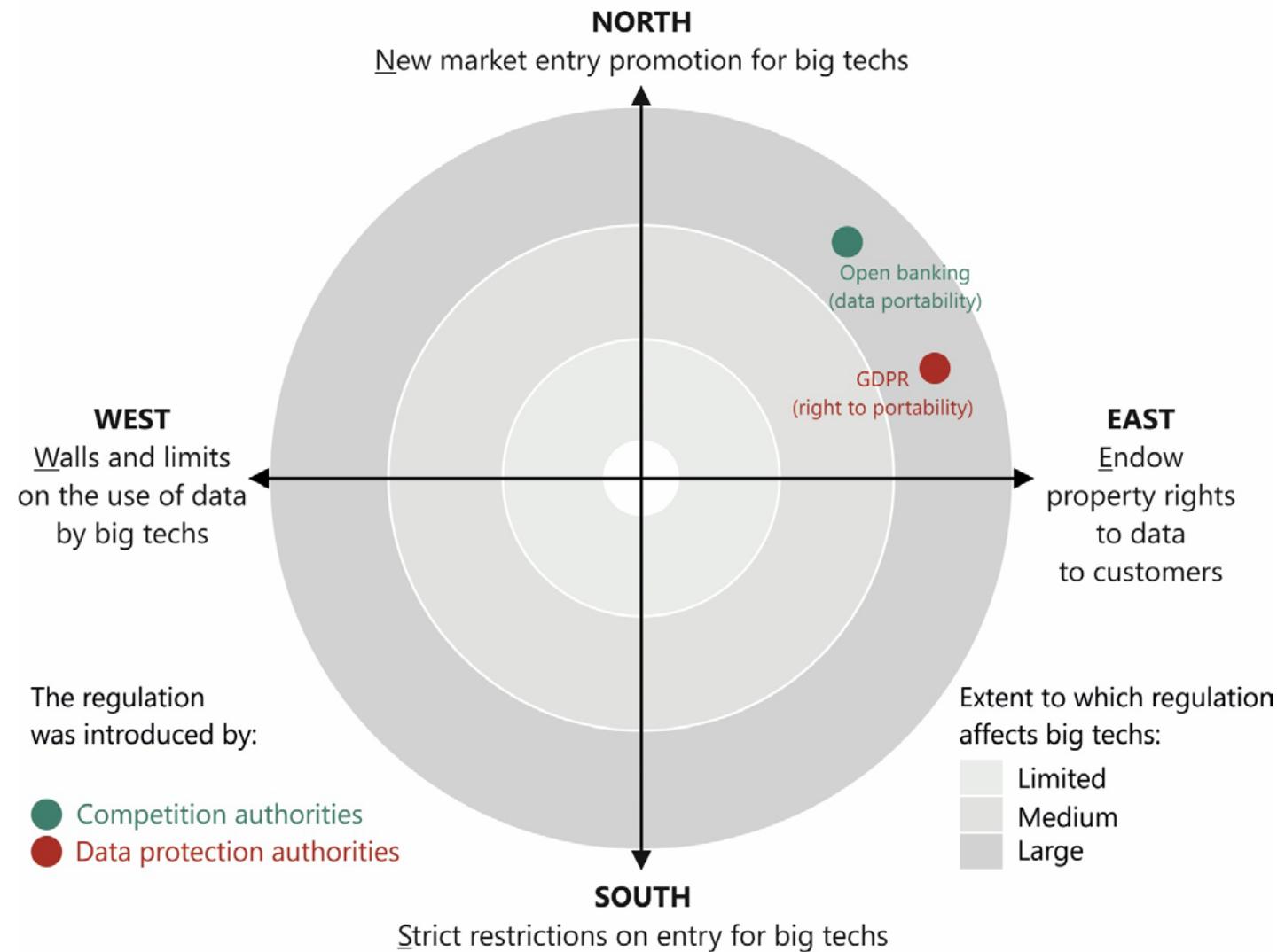
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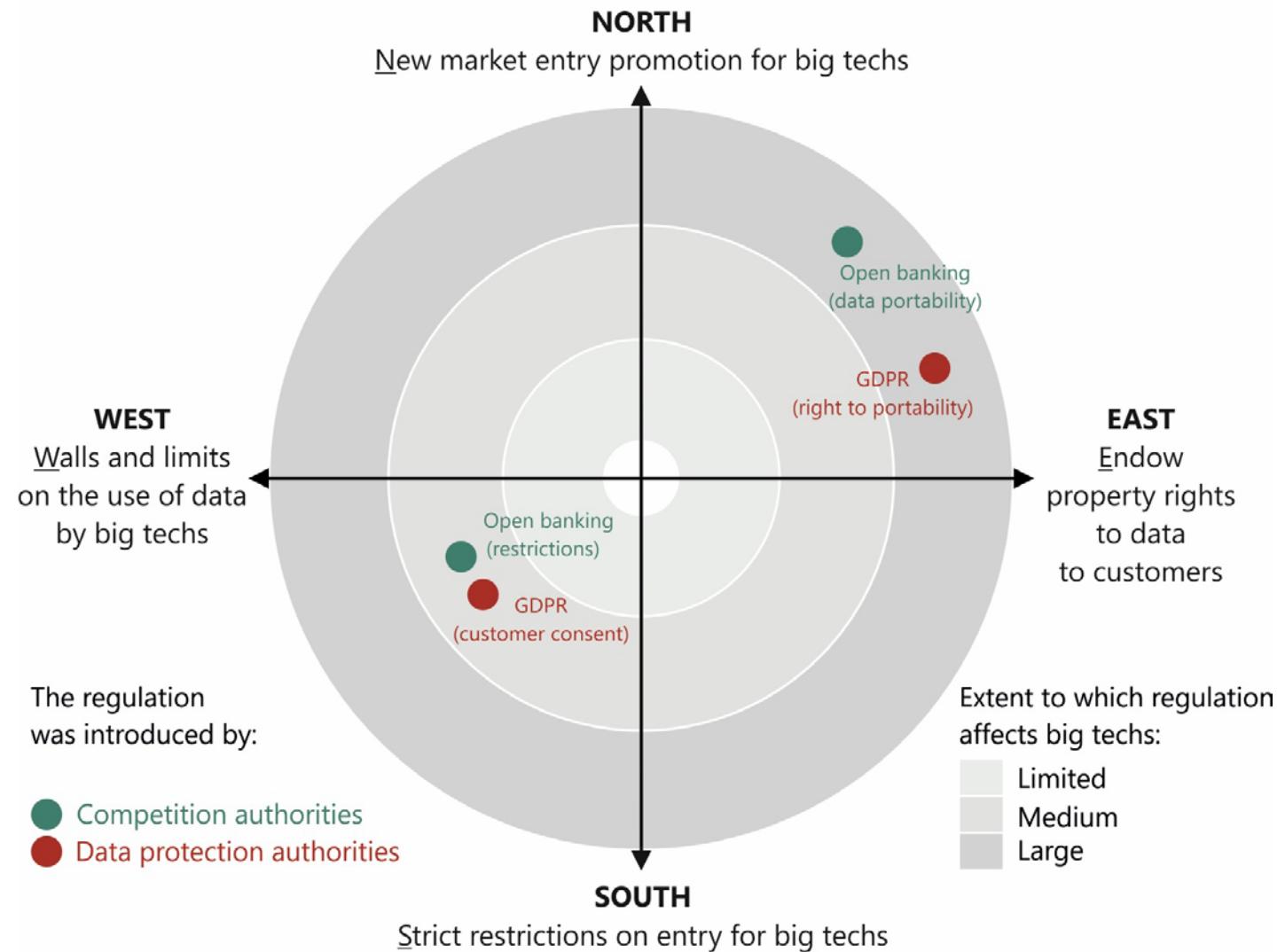
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