

Failing Banks **by** **Sergio Correia, Stephan Luck and Emil Verner**

Discussion
by
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The paper in short

- **Why do banks fail?**

1. **Bank runs**: depositors withdraw from otherwise solvent banks – **panic** à la Diamond and Dybvig (1983) or Goldstein and Pauzner (2005)
2. **Poor fundamentals** (credit risk, IRR, fraud) trigger insolvency, **irrespective** of runs (e.g., Calomiris and Mason, 1997; Admati and Hellwig, 2014)

- **Main results**

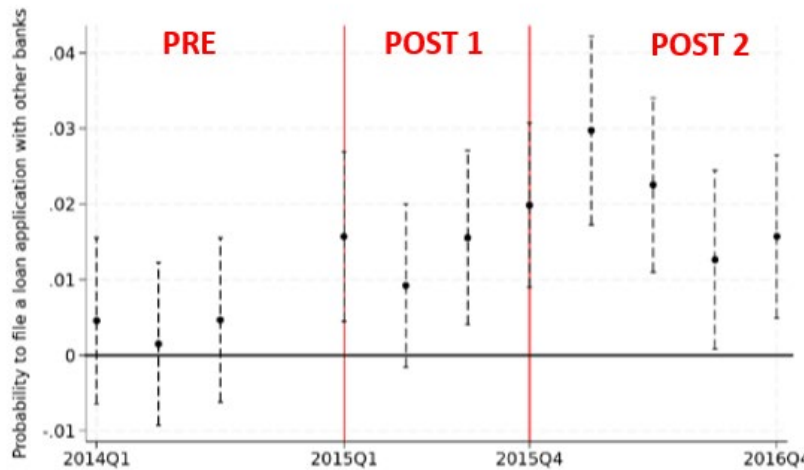
1. **Commonalities** in failing banks **prior** to failure: i) ↑ **NPLs** and ↓ **solvency**; ii) ↑ risk-sensitive **non-core** funding; iii) **boom-and-bust** in assets
2. Bank failures are **remarkably predictable** using measures of **deteriorating fundamentals** (e.g. proxies of distance to default) or **funding vulnerabilities** (e.g. non-core funding)

→ Runs account only for less than **2%** of failures, and are **still linked** to fundamentals

A few things to keep in mind

1. Amazing historical data set (1865-2023) - 37000 banks, more than 5000 failures

- Granular but “**low frequency**” (yearly or quarterly)
- Difficult to provide **micro explanations** of the results obtained
- Example:
 - What happens to the asset side of banks in the run up of the failure?
 - Why \uparrow **NPLs** and \downarrow **solvency**?

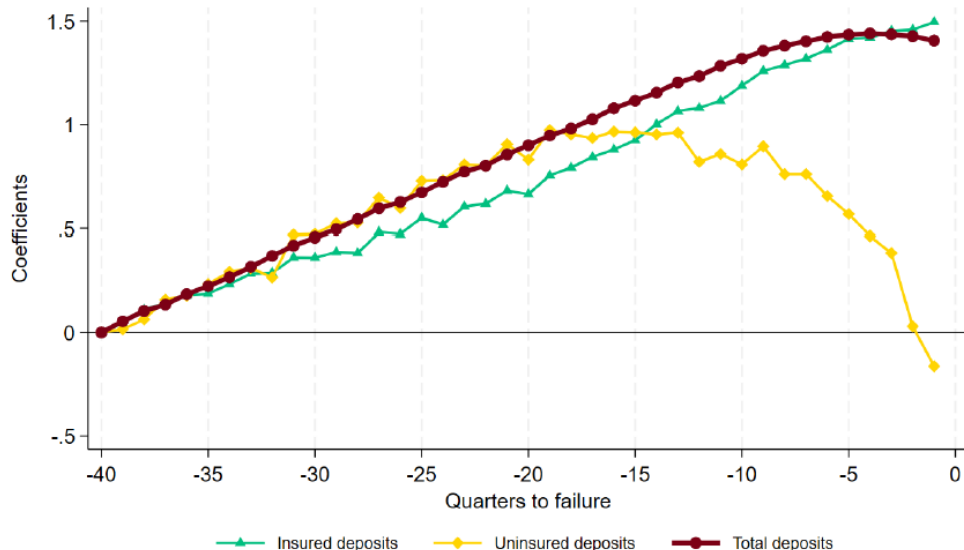


Carletti, De Marco, Ioannidou and Sette (2025):

- Clear timing & well defined shocks hitting two Italian banks
 - **Better** borrowers start **applying** for loans to outside banks as “distress news” spread
- **Endogenous deterioration** of distressed banks’ portfolio

A few things to keep in mind – cont.

2. **Definition of bank failure:** whenever a **receiver** is **appointed** by the OCC
 - Failures without a receivership are not included – how many are these cases?
3. **Definition of runs:** deposits decline by more than **7.5%** between the **last call report** and the **failure** (i.e. FDIC Failure Transaction Database)
 - Why this threshold?
 - Why is this period zoomed in?

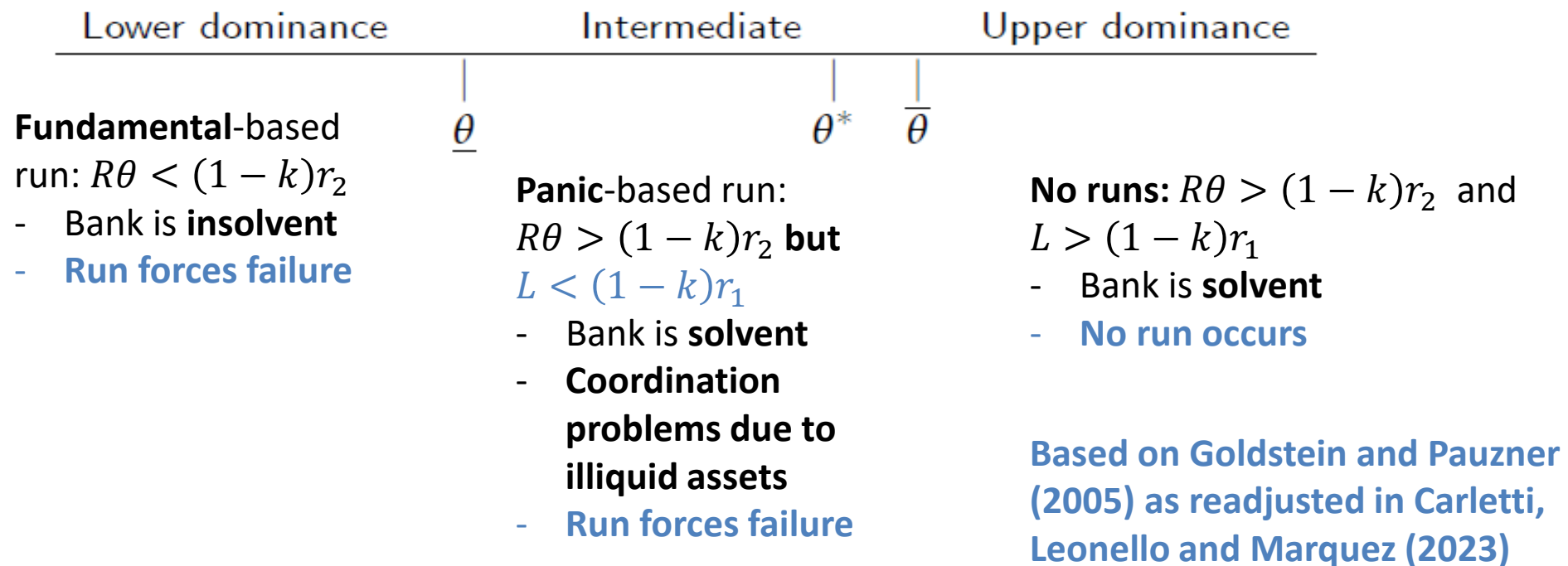


Replication study by Pietro Vacca (2025):

- Runs occur **slowly**, not just in the last run up to the failure – more significant over a longer horizon?

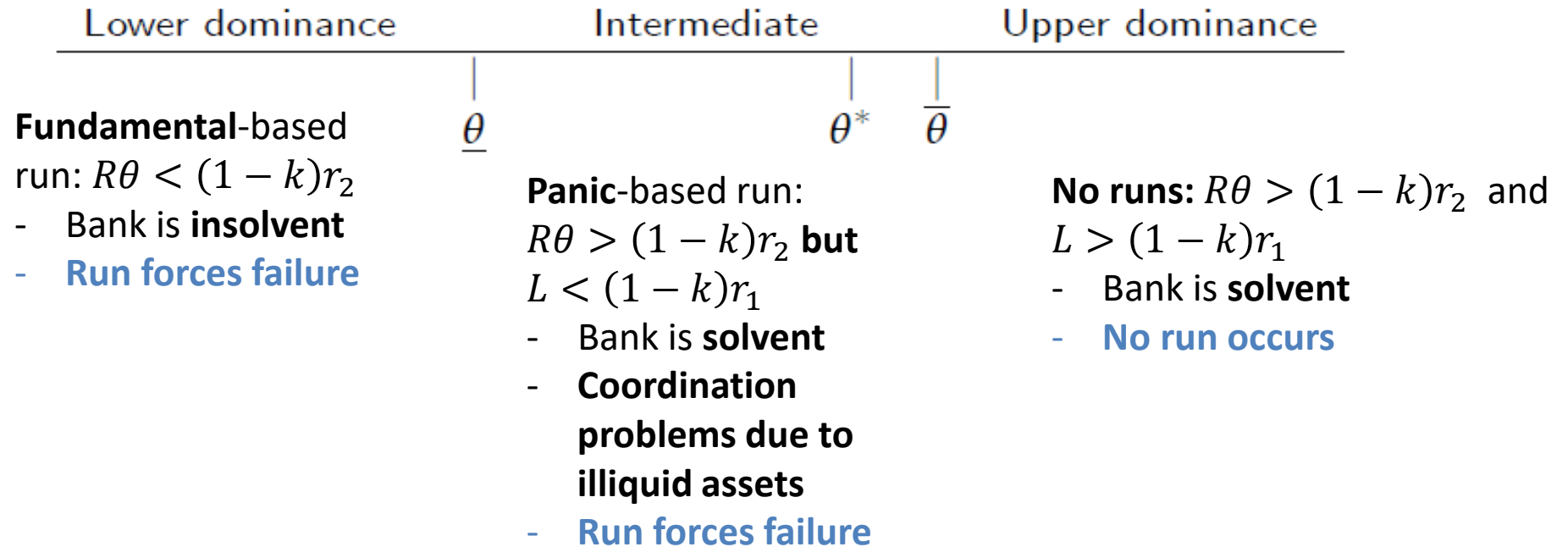
Relating findings with theories of bank failures

- How do I read theory?



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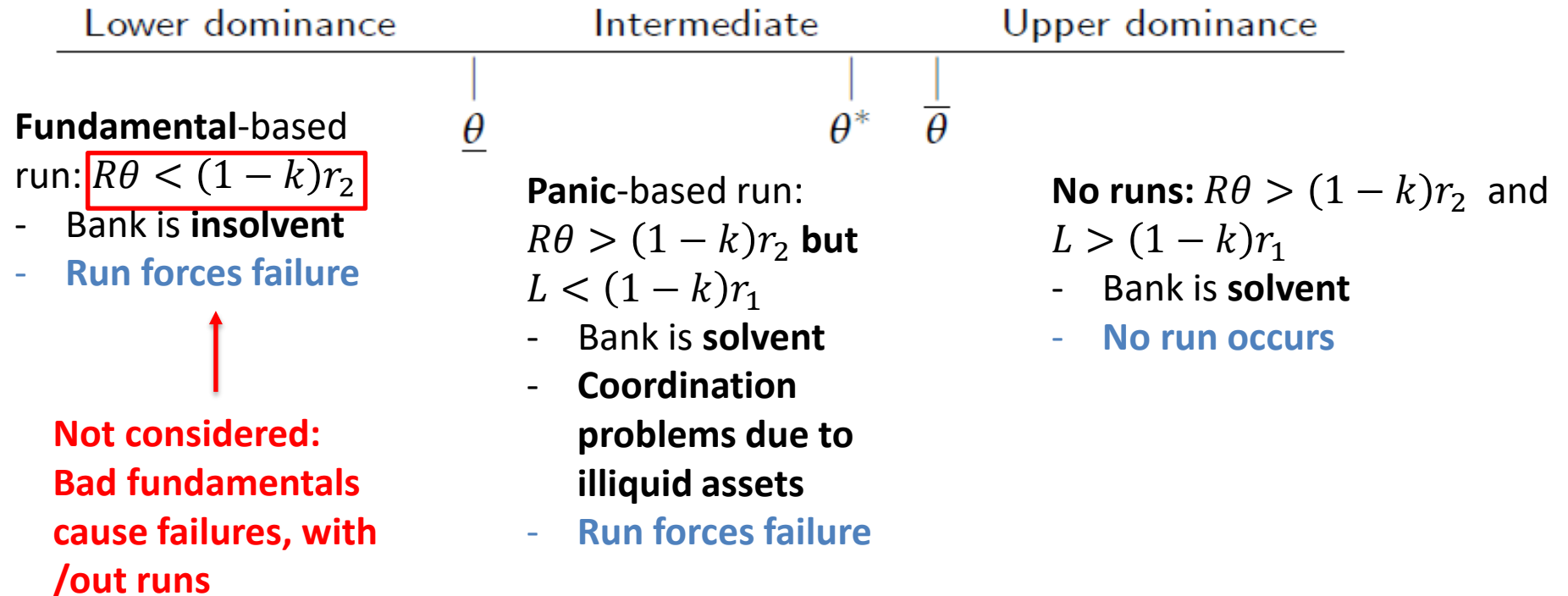
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How to reconcile with CLV?

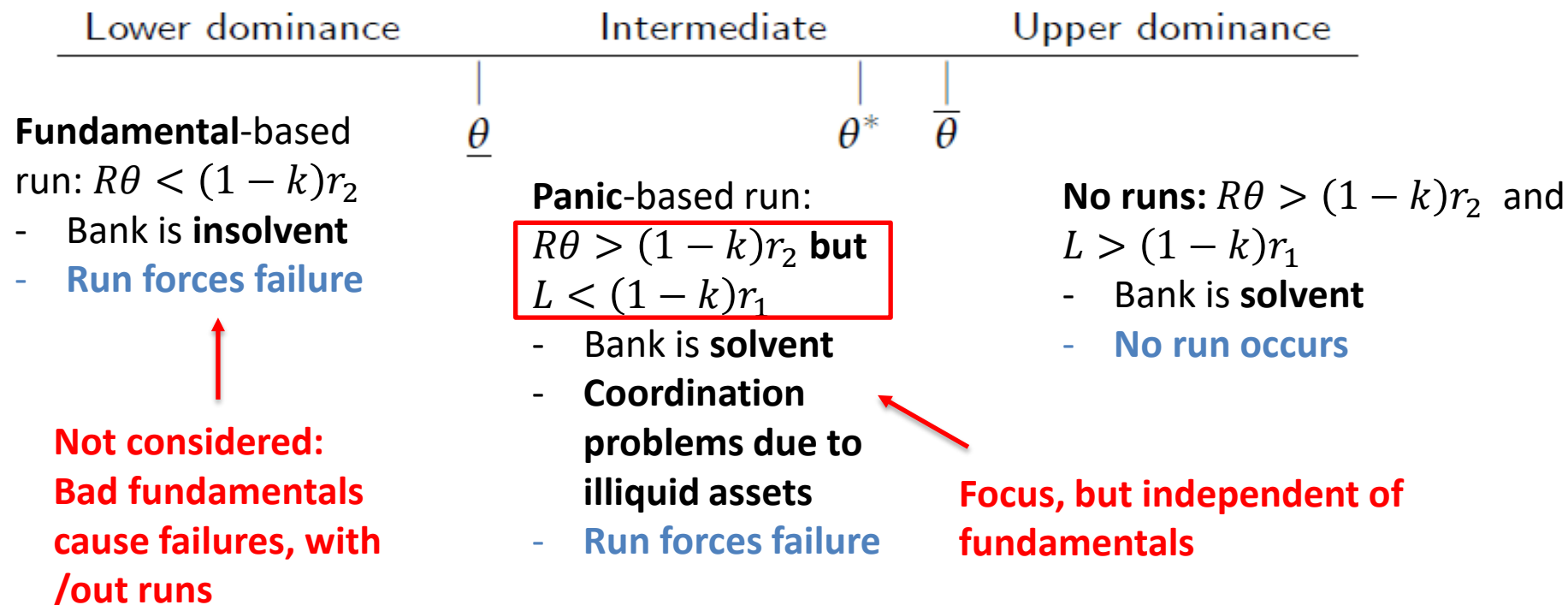
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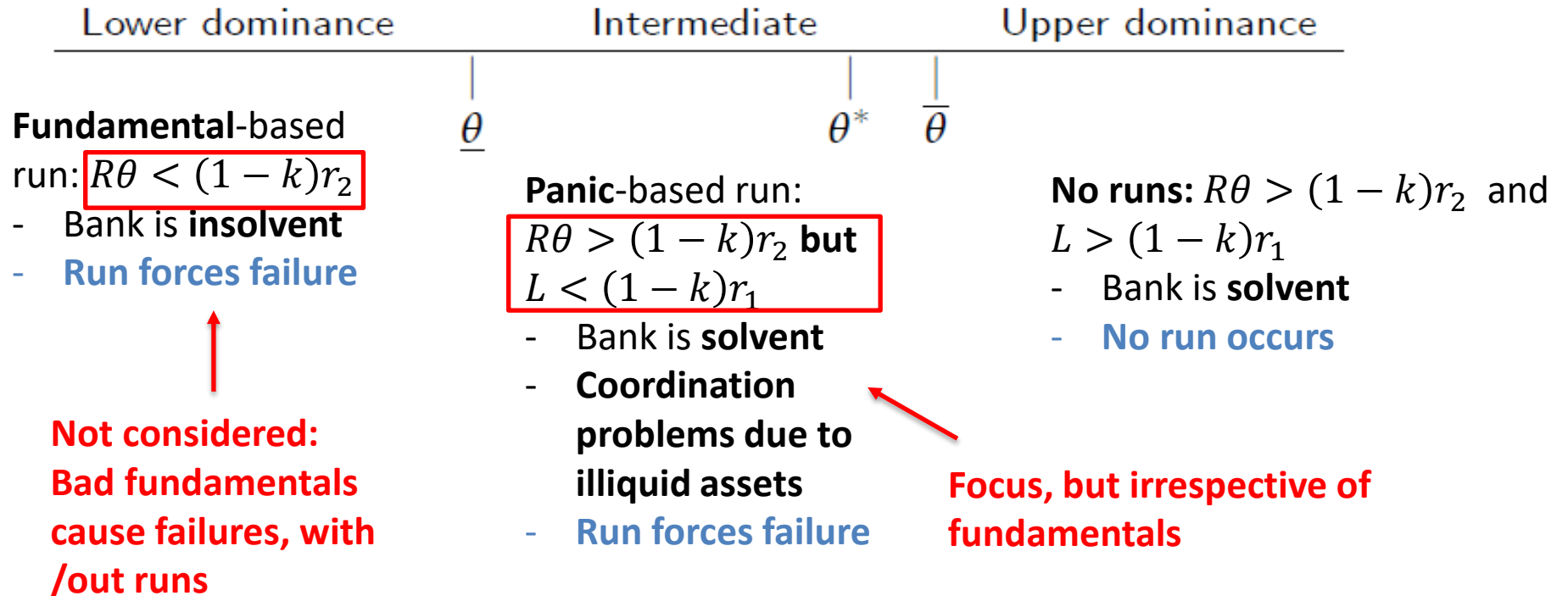
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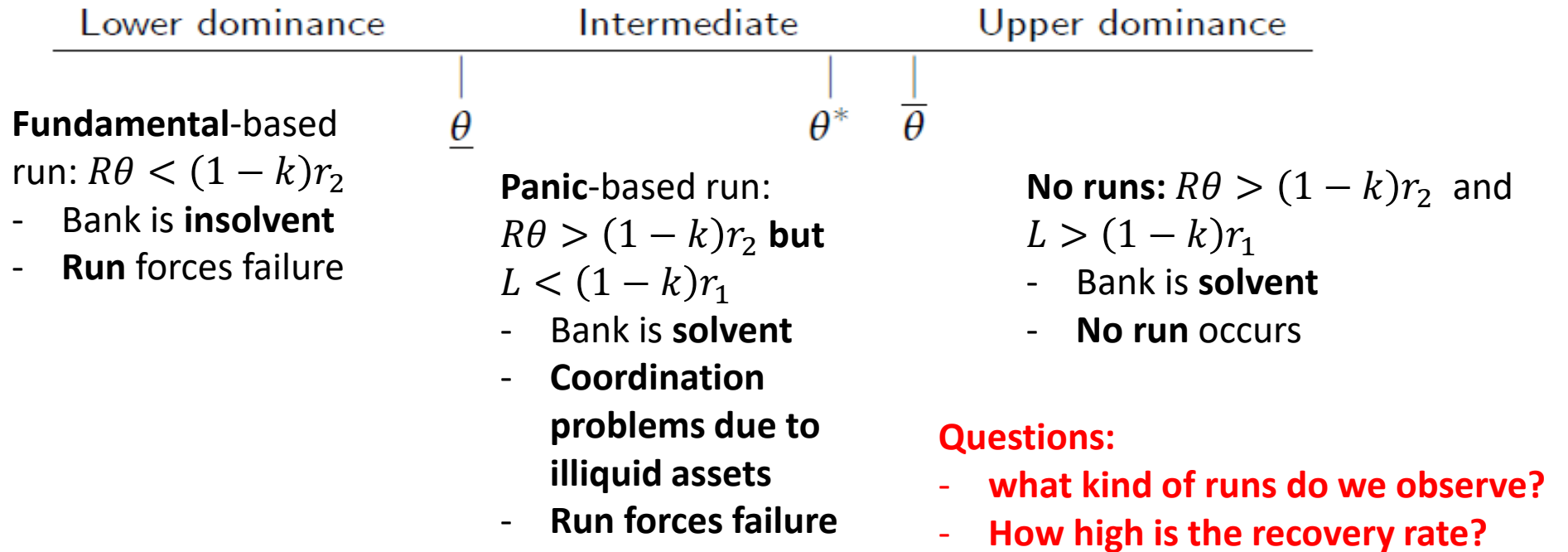


CLV: Three **testable implications** concerning **predictability**, **deposit outflows**, **asset losses**

If runs are the case of failures, they should i) be **no/little predictable**; ii) entail **large deposit outflows before failure**; iii) do **not** entail **large** asset losses

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CLV: Three **testable implications** concerning **predictability**, **deposit outflows**, **asset losses**

If runs are the cause of failures, they should i) be **not/little predictable**; ii) entail **large deposit outflows before failure**; iii) do **not** entail **large** asset losses

A few more questions on theories of bank failures

- All runs should be **linked** to **fundamentals**, also **panic** ones
 - Also in line with Chen, Goldstein, Huang and Vashishtha (2025)
- Are there **differences** in failures induced by **poor fundamentals** **with** and **without runs**?
 - Timing of the failure, size of the recovery rate, etc.
 - Can runs be “efficient”?
- **Liquidation value and recovery rate**
 - What should depositors base their decision on: final recovery rate or at the time of receivership?
 - Pretty low recovery all together

Table 1: *Asset Quality and Recovery Rates in Failure, 1865-1939*

| Era | (1) | (2) | (3) | (4) | (5) | (6) |
|------------------------------|-----------------|----------------------|----------|-----------|---------------------------|-------------------------------|
| | No. of failures | Assets at suspension | | | Received after suspension | Ultimate recovery from assets |
| | | Good | Doubtful | Worthless | | |
| 1865-1913 (NB Era) | 531 | 0.36 | 0.40 | 0.26 | 0.11 | 0.45 |
| 1914-1928 (Early Fed) | 652 | 0.35 | 0.40 | 0.26 | 0.11 | 0.48 |
| 1929-1934 (Great Depression) | 1710 | 0.36 | 0.52 | 0.13 | 0.08 | 0.53 |
| All | 2893 | 0.36 | 0.47 | 0.18 | 0.09 | 0.51 |

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To conclude: a great paper, inspiring and intellectually stimulating!