

## Analisis tri-siklus performa bank: pendekatan panel var = Tri-cycle analysis on bank performance panel var approach

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### Abstrak

#### <b>ABSTRAK</b>

Krisis keuangan sebelumnya telah menunjukkan pentingnya risiko dalam siklus keuangan dan bisnis dalam perekonomian. Studi ini melakukan analisis terhadap tiga siklus penting dalam perekonomian, yaitu i siklus bisnis ndash; risiko makro, ii siklus kredit dan iii siklus risiko, serta dampak ketiga siklus tersebut pada performa bank individu. Kami melakukan analisis respon siklus kredit dan siklus risiko dan konsekuensinya kepada performa bank individu. Kami menggunakan data indonesia untuk periode 2005q1-2014q4. Kami menggunakan data panel unbalanced neraca individu bank dengan pendekatan Panel Vector Autoregressive berdasarkan metode estimasi GMM dengan menggunakan perangkat estimasi PVAR yang dikembangkan oleh Abrigo dan Love 2015 . Hasil estimasi menunjukkan hubungan dinamis antara siklus bisnis ndash; risiko makro dengan siklus risiko finansial. Studi ini juga memperlihatkan peranan penting siklus risiko dalam mempengaruhi performa bank. Serta, kami juga menunjukkan eksistensi fenomena financial accelerator pada sistem perbankan Indonesia, dimana siklus finansial mendahului siklus bisnis ndash; risiko makro.

#### <hr><i><b>ABSTRACT</b></i>

The previous financial crisis has revealed the importance of risk in the financial and business cycle within the economy. This paper examines relationship among three cycles in the economy, namely i business cycle macro risk, ii credit cycle and iii risk cycle, and their impacts toward individual bank performance. We examine the responses of individual bank credit cycle and risk cycle toward a shock in business cycle macro risk and its consequence to the bank performance. We use Indonesian data for period of 2005q1 to 2014q4. We use unbalanced panel data of individual banks rsquo balance sheet with Panel Vector Autoregressive approach based on GMM style estimation by implementing PVAR package developed by Abrigo and Love 2015 . The result shows dynamic relationship between business cycle macro risk and financial risk cycles. The study also observes prominent role of risk cycles in driving bank performance. We also show the existence of financial accelerator phenomenon in Indonesian banking system, in which financial cycles precede the business cycle macro risk.</i>