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# The information content of M0 in the United Kingdom

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# Notes

For example, see Barnhart and Darrat ([1992](#)), Barnhart and Wallace ([1994](#)) and Breedon and Fisher ([1996](#)).

For example, see McMillin and Fackler ([1984](#)).

The studies of Barnhart and Darrat ([1992](#)), Henry and Pesaran ([1993](#)) and Chrystal and MacDonald ([1994](#)) also suggest leading indicator properties of M0 with respect to inflation.

Interested readers are referred to Judge et al. ([1988](#)), Sims ([1980](#)) for detailed derivation of the moving average representation and the calculation of VDCs.

Because of data availability the sample period of the M0 system runs from 1969:2–1997:4.

The maximum likelihood estimates of the parameters of the VAR model are reported in Table 1. The choice of maximum likelihood estimation is important because the VAR model is over-specified and the likelihood function is non-convex. The choice of a 12 quarter moving average for the monetary disturbances is based on the results of a 12 quarter moving average test.

To test the null hypothesis of no cointegration between the variables, the Johansen (1988) likelihood ratio test has been used. The results are reported in Table 2. The Johansen test has been used before and after the introduction of the interest rate targeting regime. The results are observed as a result of the simultaneous correlation between the variables.



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