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**Jan R. Magnus**

**Publications by subject**

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## Maximum likelihood, GLS, and IV

1. Magnus, J.R. (1978). Maximum likelihood estimation of the GLS model with unknown parameters in the disturbance covariance matrix, *Journal of Econometrics*, 7, 281–312. [\[PDF\]](#) Corrigenda in *Journal of Econometrics*, 10, 261. [\[PDF\]](#)
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4. Magnus, J.R. (2007). The asymptotic variance of the pseudo maximum likelihood estimator, *Econometric Theory*, 23, 1022–1032. [\[PDF\]](#)
5. Boldea, O. and J.R. Magnus (2009). Maximum likelihood estimation of the multivariate normal mixture model, *Journal of the American Statistical Association*, 104, 1539–1549. [\[PDF\]](#) (Code simulations and code application: [HERE](#))
6. Magnus, G. and J.R. Magnus (2018). The estimation of normal mixtures with latent variables, *Communications in Statistics — Theory and Methods*, 00, 000–000. [\[PDF\]](#) Associated software at [\[zipfile\]](#).

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2. Magnus, J.R. and A.D. Woodland (1988). On the maximum likelihood estimation of multivariate regression models containing serially correlated error components, *International Economic Review*, 29, 707–725. [\[PDF\]](#)
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4. Magnus, J.R. and C. Muris (2010). Specification of variance matrices for panel data models, *Econometric Theory*, 26, 301–310. [\[PDF\]](#)

## Moments of forecast errors

1. Hoque, A., J.R. Magnus and B. Pesaran (1988). The exact multi-period mean-square forecast error for the first-order autoregressive model, *Journal of Econometrics*, 39, 327–346. [\[PDF\]](#)
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