

Matlab files of Gibbs sampler for identified VARs

- The file *a0onlysim.m* simulates the contemporaneous matrix A_0 in an identified VAR model. It calls the rest of the archived Matlab files.
- The file *nmlzvar.m* does the Waggoner-Zha normalization (see “Likelihood preserving normalization in multiple equation models” by Waggoner and Zha in *Journal of Econometrics* (114) 2003, pp.329-347).
- The file *gibbsvar.m* delivers a Gibbs draw of A_0 (see “A Gibbs sampler for structural vector autoregressions” by Waggoner and Zha in *Journal of Economic Dynamics and Control* (vol. 28, no. 2) 2003, pp. 349-366). Alternatively but less efficiently, the file *smtplis.m* gives a straight Metropolis draw of A_0 .

Sample code that uses Waggoner-Zha Gibbs (and optionally Metropolis) sampler, Waggoner-Zha normalization, and optionally Sims-Zha prior

- Files contained in *example.zip*.