

# Additional Results

to “Measuring the Income Elasticity of Water Demand:  
The Importance of Publication and Endogeneity Biases”\*

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## Abstract

This appendix provides diagnostics of the baseline Bayesian model averaging exercise conducted in the paper.

## 1 Diagnostics of Bayesian model averaging

Table 1: Summary of BMA estimation: UIP

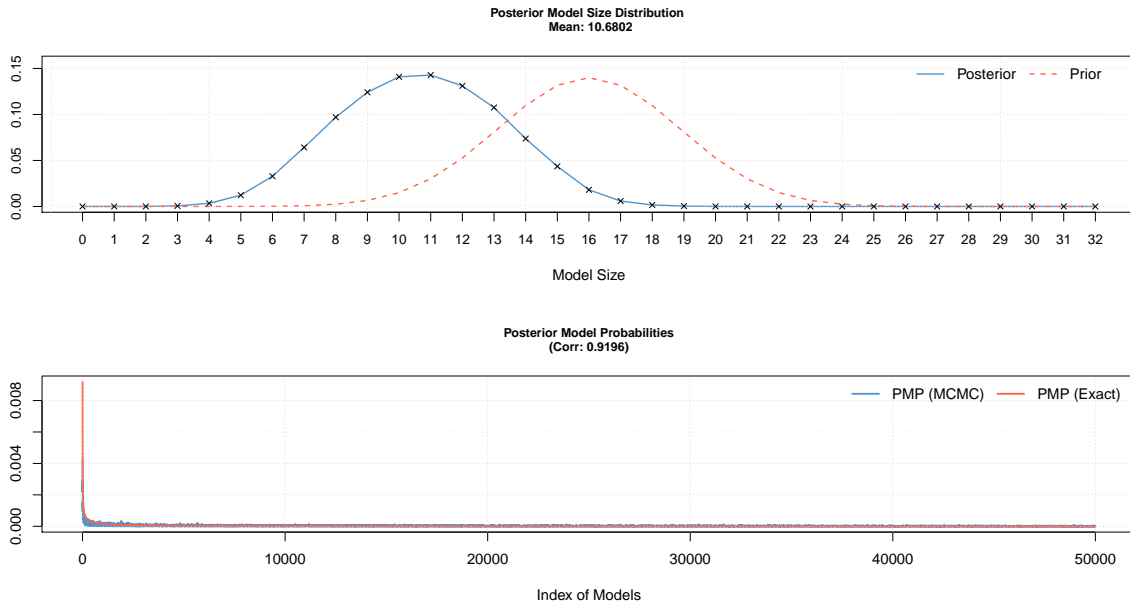
<i>Mean no. regressors</i>	<i>Draws</i>	<i>Burn-ins</i>	<i>Time</i>	<i>No. models visited</i>
12.801	$3 \cdot 10^5$	$1 \cdot 10^5$	2.887989 mins	89,381
<i>Modelspace</i>	<i>Visited</i>	<i>Topmodels</i>	<i>Corr PMP</i>	<i>No. obs.</i>
4.30E+09	21%	93%	0.9714	307
<i>Model prior</i>	<i>g-prior</i>	<i>Shrinkage-stats</i>		
Uniform/16	UIP	Av = 0.9968		

*Notes:* We employ the priors suggested by Eicher *et al.* (2011), who recommend using the uniform model prior (each model has the same prior probability) and the unit information prior (the prior provides the same amount of information as one observation from the data).

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\*An online appendix providing the paper, data, and code is available at [meta-analysis.cz/water](http://meta-analysis.cz/water).

Figure 1: Model size and convergence, BMA with priors according to Eicher *et al.* (2011)



## References

EICHER, T. S., C. PAPAGEORGIOU, & A. E. RAFTERY (2011): “Default priors and predictive performance in Bayesian model averaging, with application to growth determinants.” *Journal of Applied Econometrics* **26**(1): pp. 30–55.