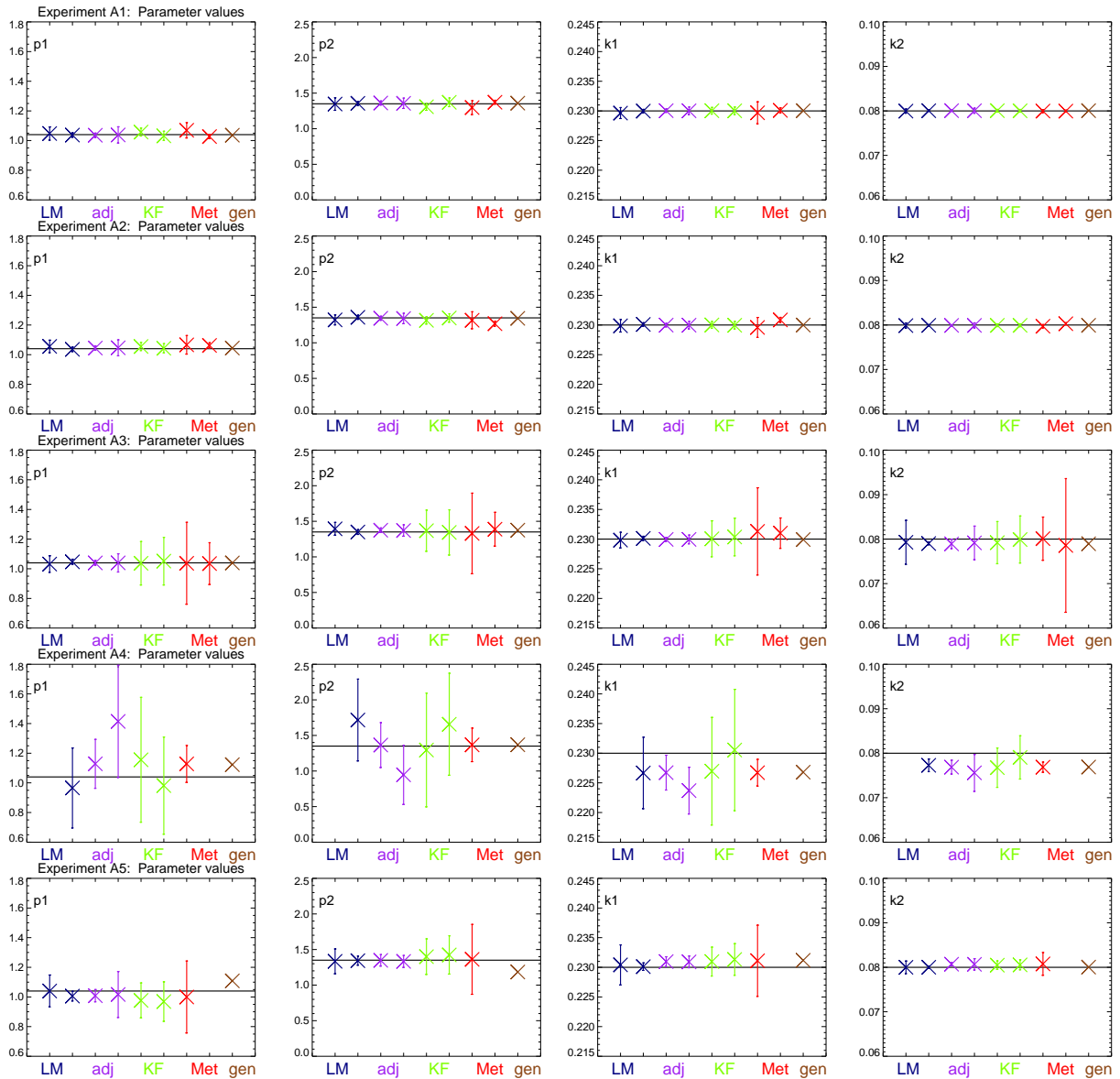# Results from the OptIC project:

Figure 5: Parameter estimates for Experiments A1-A5 with supplied weights in the cost function corresponding to the standard deviation of residuals. These results correspond to Figure 8 of Trudinger et al. (2007). Error bars indicate the 1σ uncertainty (square root of the diagonal element of the estimated covariance matrix). True parameters are shown by the horizontal lines. Methods are ordered as LM1, LM2, Adj1, Adj2, EKF, EnKF, Met1, Met3, Gen1.

Trudinger, C.M., M.R. Raupach, P.J. Rayner, J. Kattge, Q. Liu, B. Pak. M. Reichstein, L. Renzullo, A.D. Richardson, S.H. Roxburgh, J. Styles, Y.P. Wang, P. Briggs, D. Barrett and S. Nikolova (2007), OptIC project: An intercomparison of optimization techniques for parameter estimation in terrestrial biogeochemical models, *J. Geophys. Res.,* **112**, doi:10.1029/2006JG000367.
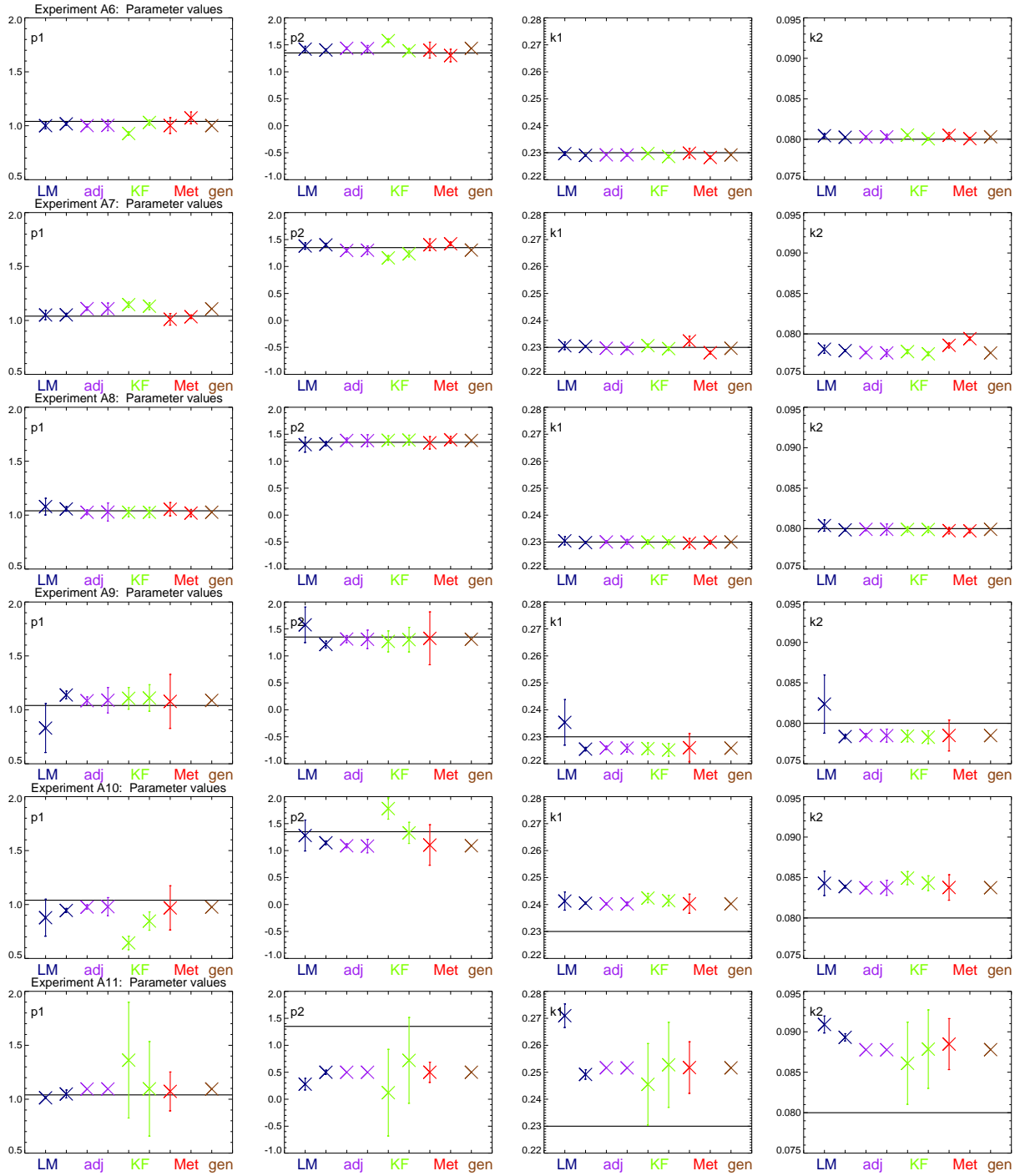
Figure 6: Parameter estimates for Experiments A6-A11 with supplied weights in the cost function.
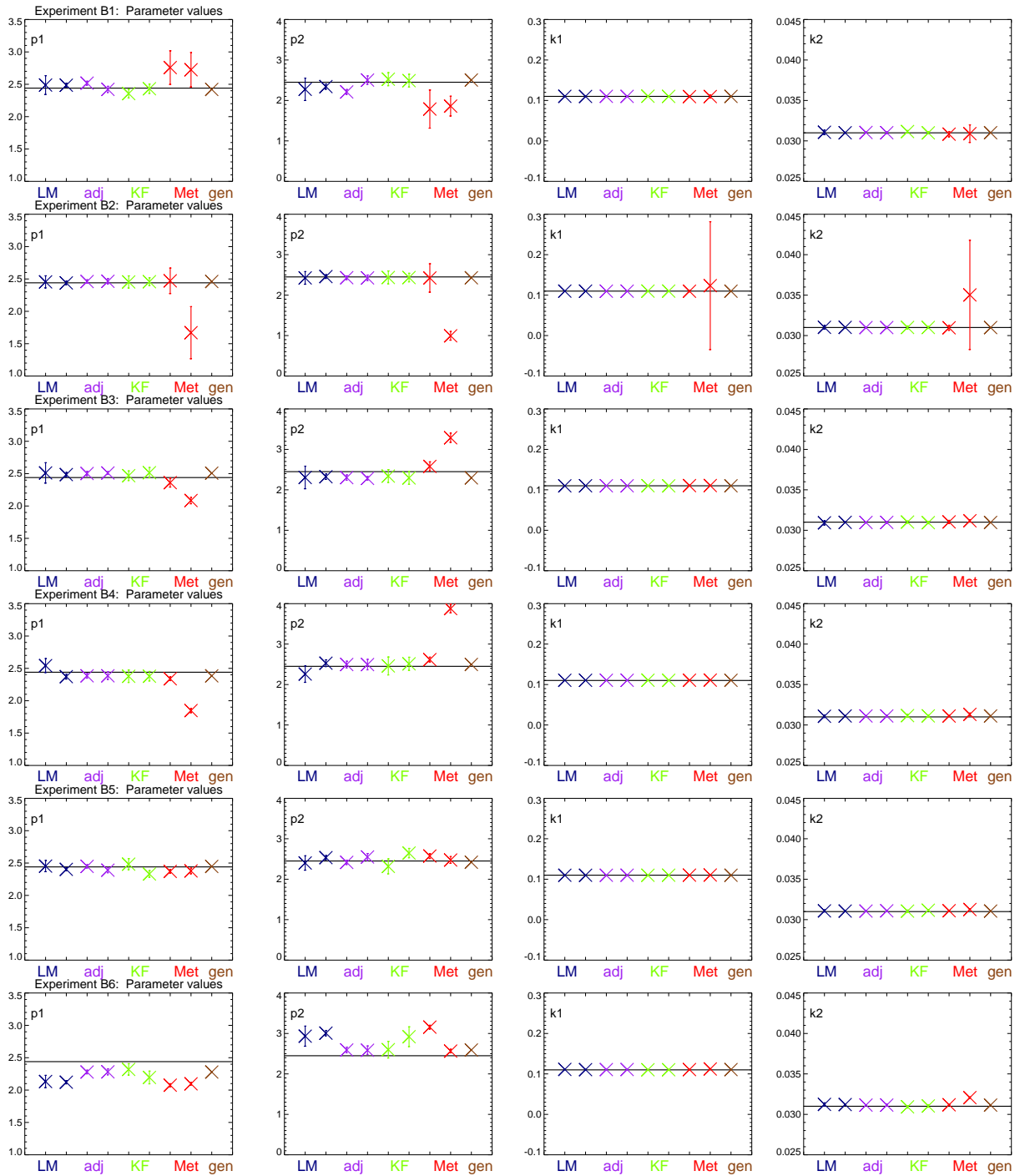
Figure 7: Parameter estimates for Experiments B1-B6 with supplied weights in the cost function.
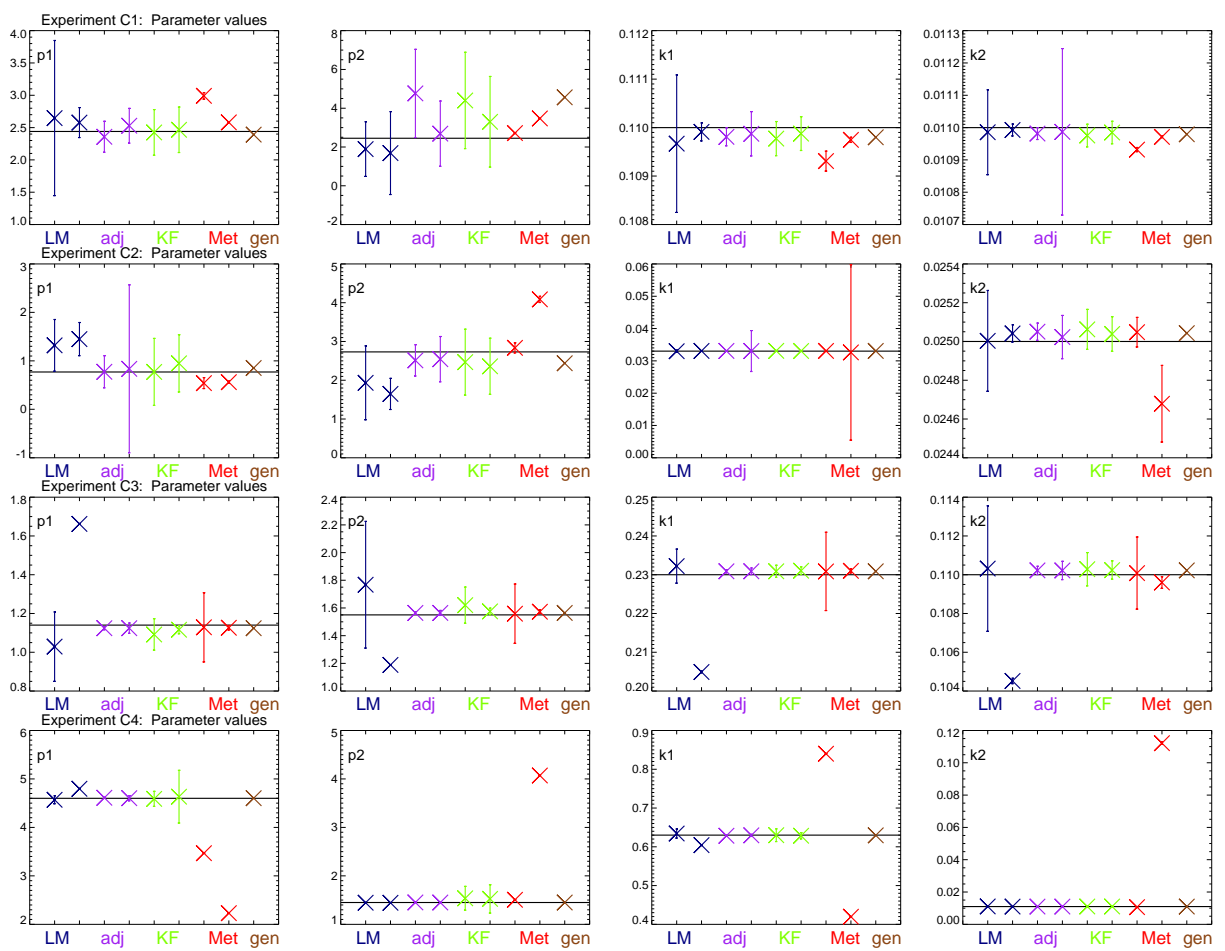
Figure 8: Parameter estimates for Experiments C1-C4 with supplied weights in the cost function.