We are very grateful for your comments and particularly for the appealing reading list, that we take good note. However, the ideas discussed in this comment are far beyond the purposes of our paper, particularly in what concerns the role of models and the employment of p-values, as well as the adequate epistemological approach to probability and statistics.

Please notice that:

a) our framework is not one of forecasting. In terms of sufficiency — an idea with which we certainly agree to characterize the purpose of our paper —, the question is thus: do linear models *sometimes* suffice to describe business cycles data or are nonlinear models *always* necessary?

b) Our question is not the one that is stated in the second paragraph. Instead, it is stated in the title and we recall it: are linear models really unuseful to describe business cycles data? Or perhaps more precisely but containing also some subjectivity: although non-linearities certainly exist in the DGP, does a linear model sometimes provide a sufficiently good approximation?