

Social science helps us

## Understand models' limits

- ∅ When are we confident or not confident in model output?
- ∅ How can we identify when a Big Surprise may happen?
- ∅ How do we know when to stop?

Having constructed a model, it can be tempting to apply it everywhere. But there are always limits to the applicability of a model. CATS' work seeks to clarify these limits and understand how to find them.



Frigg, R., Smith, L.A. and Stainforth, D.A. (2015) 'An assessment of the foundational assumptions in high-resolution climate projections: the case of UKCP09', *Synthese*

