

Prospective Notes 1.

Symon Smith¹

¹Affiliation not available

November 5, 2017

-Approach to my practise of open science.

1: Minimal use of metaphors.

2: Development of ideas presented in pre-publication, and carried out prior to empirical research on the basis of hypotheses (so as to avoid ideas which are artefacts of experimental methodology)

3: No reason to assume that complex systems are inherently more difficult to model, simply that canonical mathematical approaches may not be the best approaches.

4: Existential model of mathematics: Mathematics comes from the human mind, as an idealisation of concepts about the world.

5: Concept of the scientific method as follows: The identification of factors which confound an interpretation as a critical method of inquiry, with attempts to control for such factors as a method of experiment.

6: In relation to 5, factors which confound the practise of science as carried out by institutes, and universities, are the social settings of these organisations. It is obvious that these are confounding factors, but not easy to define with precision. Science, generally, is a social experiment, and independent practise partially controls for effects of science's organisational setting.