Britain's Next Top Modellers -Co-production and the modelling cycle
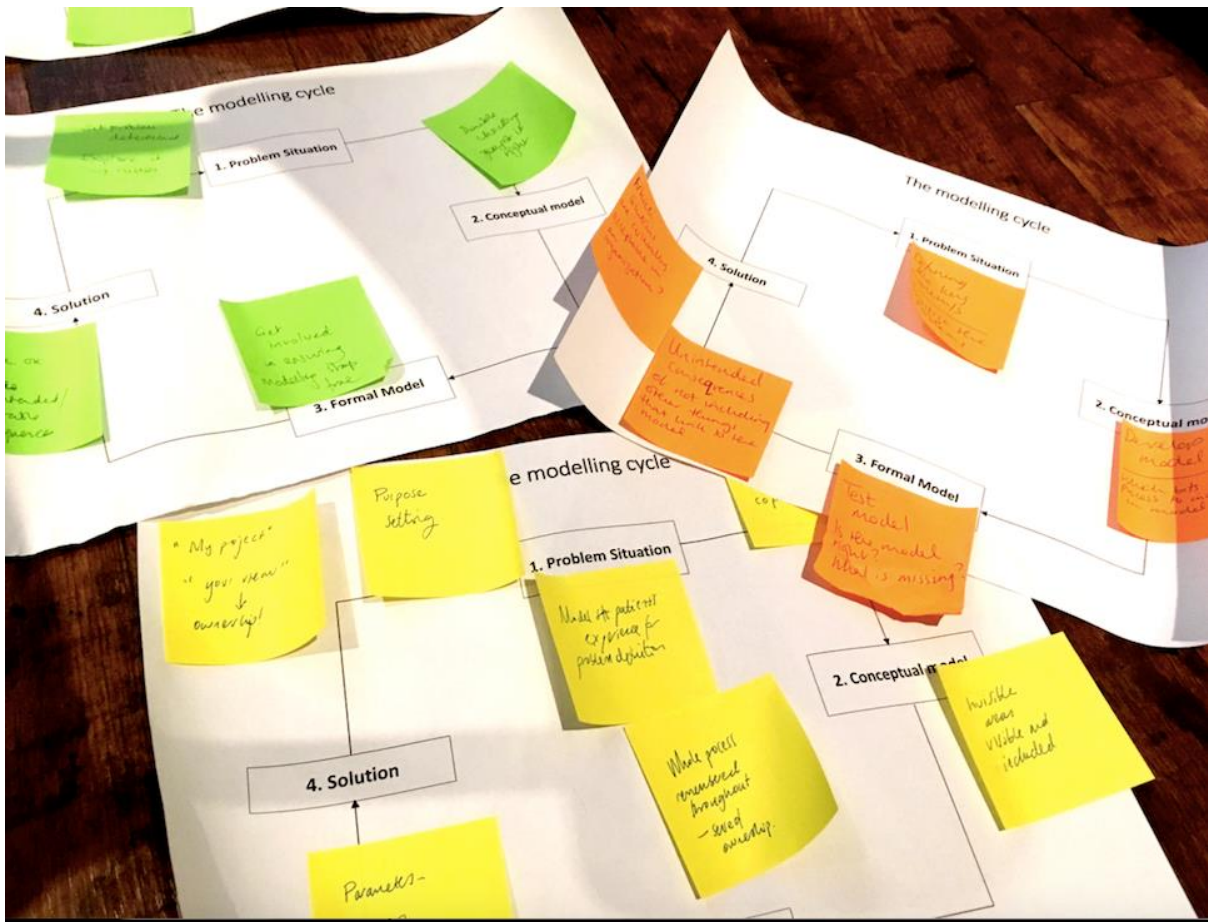
The session co-led by experienced modeller Sean Manzi (PenCLAHRC), and the KMRFs Raheelah Ahmad, Sarah Knowles and was a fast paced workshop kicking off with a 'real world' NHS problem. *Where to make cuts in an emergency department ?* a hard choice between cutting a cubicle or a senior nurse based on some (limited) data and 5 mins for a solution! This opened up discussion on the lack of contextualised information and unmeasured consequences in other parts of the system. But who is placed to provide and gather this information? Examples where co-production has shaped modelling were shared and then participants worked through when, how and potential benefits of co-production at each stage on the modelling cycle: Problem Situation - Conceptual model - Formal Model - Solution.

There was great engagement from participants (mostly new to modelling). We acknowledged the value of co-production in modelling approaches but methods for achieving co-production vary and these were reflected along a spectrum by the co-leads through the image below – you can make your own interpretations but loosely – from soft, fuzzy and warm (qualitative all inclusive) , mixed methods to the more hard, time pressured and outcomes orientated (ref picture of bunnies etc here) *– so which one are you?*