Probabilism: "If your credences are not probabilities, then there is a way in which your rationality is impugned." - Alan Hájek

"Any adequate epistemology must recognize that opinions come in varying gradations of strength and must make conformity to the axioms of probability a fundamental requirement of rationality for these graded or partial beliefs." - Jim Joyce, citing Richard Jeffrey

Arguments for probabilism:
1. Representation Theorems
2. Accuracy
3. Calibration
4. Dutch Book
5. "Success"

Rational reconstruction of FE method
- Identify an attitude for study
- Theorise the attitude
- Represent it formally
- Infer properties to attitude
- Prove formal results

COMPLEXITY

Conclusions
1. Probabilistic credences shouldn’t be imputed to agents on the basis of Representation Theorems
   Our formal account of partial belief is a model. Probabilistic credences depend sensitively on idealisations in the model. Modelling view shows: still useful! But not candidates for realist inferences. Like insisting that water is an incompressible fluid.

2. A similar line can be run for accuracy (and calibration?) – they too employ idealised models that don’t support Probabilism
   The key insight is that the results depend on the idealisations: e.g., a precise numerical value assigned to each proposition. There are similar cases of axioms whose motivation is questioned (e.g., is Joyce’s symmetry normative?).

3. What is on offer here is a methodological insight
   FE is modelling, and this means it comes with a “readymade” methodology, well explored by philosophers of science. Recommends shifting focus from disagreements between models, to the link between idealisations and purposes/applicability.

4. The Precise v. Imprecise Probabilism debate is misguided
   It is like fighting over the two water models. Neither is the “true” account, they aren’t even candidates. They’re models. What do they disagree over? Important difference from water case: disagreement over norm – permisibility of ambiguity aversion. In a descriptive mode, there is simply no dispute to be had.