I am working on clustering eras, but I'm using Signals rather than the Tournament. (Signals is great for this sort of experimentation). But the underlying process is the same, and if I get it working there I'll move the ideas into the Tournament models.

As for the clustering, and in a very simplified form, what I'm aiming at is clustering eras by which eras can be used to invert, or solve, others, and how to identify the likelihood of a new era belonging to this or that cluster.

That decision rests on finding some sort of fingerprint, or signature, from the features themselves that can be used to identify how a new era most likely relates to known clusters.