## Posterior:

The probability distribution of a parameter given data. This is obtained once a good fit to the experimental data is obtained

$$
\begin{aligned}
& \text { Figure 5: A family of well fitting parameters (posterior) were found using priors that were too broad }
\end{aligned}
$$

Table 2: The mean of the parameters' posterior used in figure 5 .


Figure 6: The search for a solution is a random walk. A low frequency peak is starting to emerge

## Conclusions:

Previously, the solution found had a large capacitance and activation energy ( $30 \mathrm{~F} / \mathrm{m}^{2}$ and 1.7 eV ). A new solution is currently being found.

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