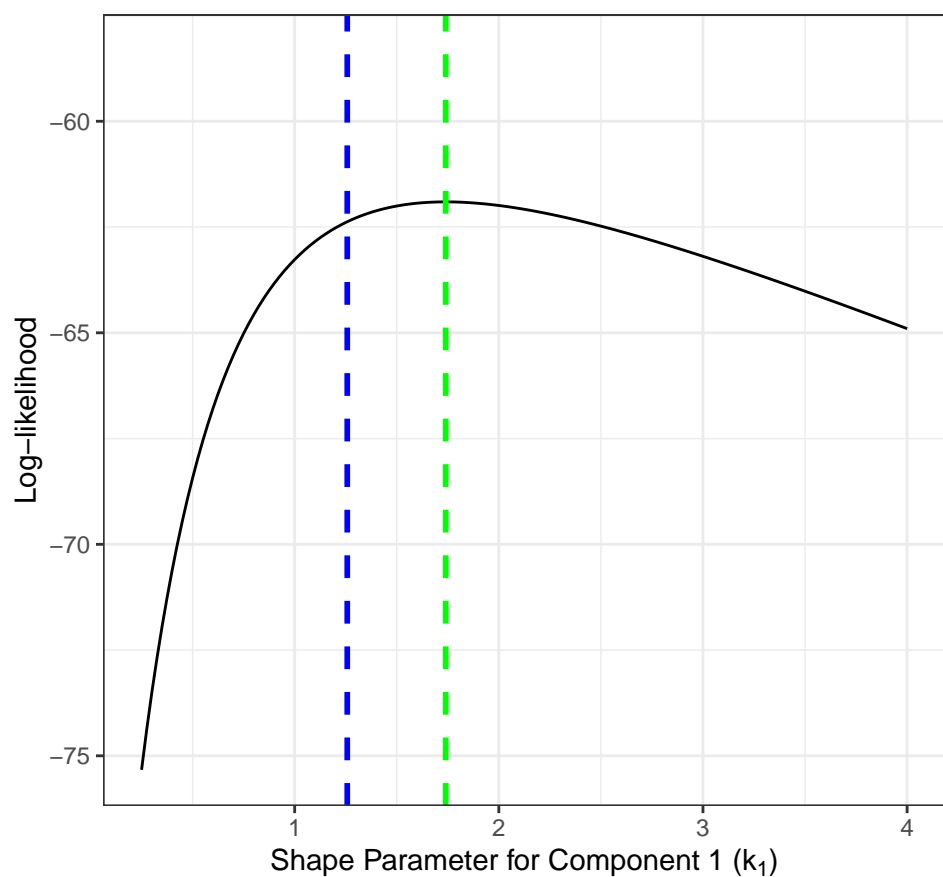


Red dashed line: An MLE for Shape Parameter of Component 1.
Non-unique MLE.



Green dashed line: The MLE of Shape Parameter of Component 1.
Unique MLE with a simple tweak to data.