

Supporting Information for article

Várhegyi, G.*; Chen, H.; Godoy, S.:
Thermal decomposition of wheat, oat, barley and
Brassica carinata straws. A kinetic study.

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* To whom correspondence should be addressed.

Email: varhegyi.gabor@t-online.hu or gvarhegyi@gmail.com

Scope of this document: The kinetic evaluation of the samples was illustrated by figures on the highest actual heating rate (47°C/min) in the corresponding paper. The present *Supporting Information* contains further figures at heating rates of 11 and 22°C/min.

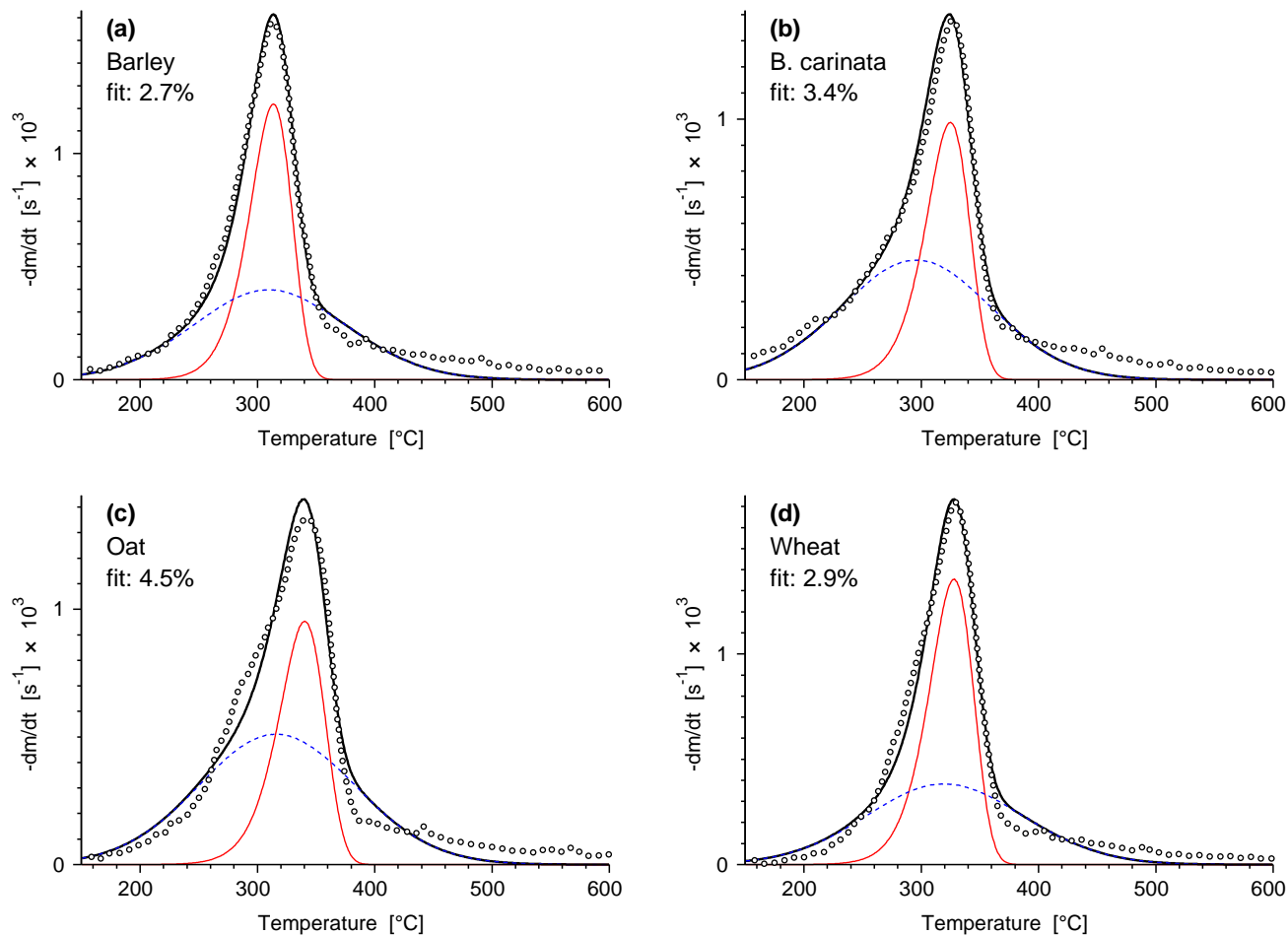


Figure S1. Kinetic evaluation of a series of twelve DTG curves by the method of least squares. The experimental curves ($\circ \circ \circ$), simulated curves (—) and partial curves (- - - , —) are shown at heating rate $11^{\circ}C/min$.

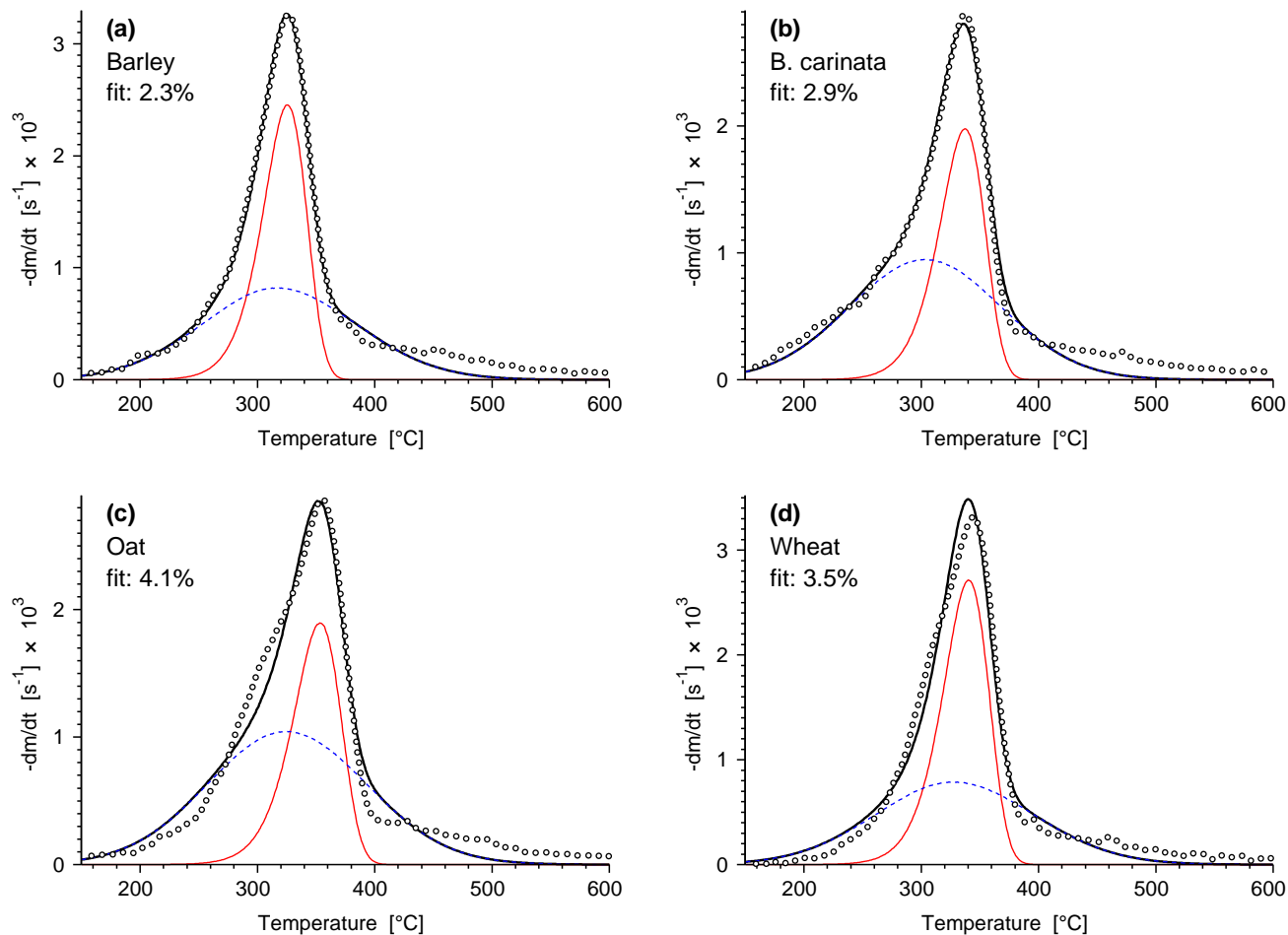


Figure S2. Kinetic evaluation of a series of twelve DTG curves by the method of least squares. The experimental curves ($\circ \circ \circ$), simulated curves (—) and partial curves (- - - , —) are shown at heating rate $22^{\circ}C/min$.

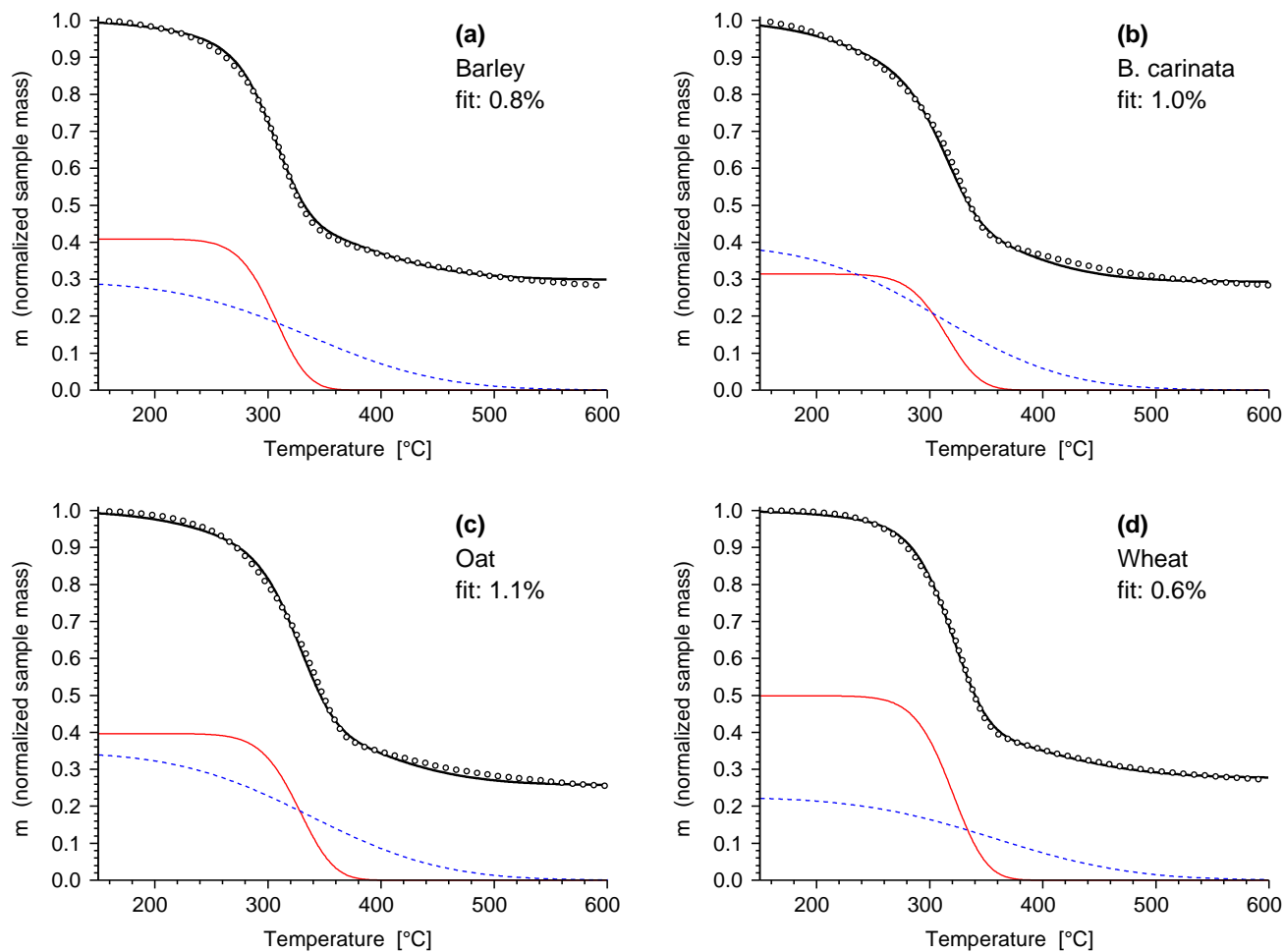


Figure S3. Kinetic evaluation of a series of twelve TGA curves by the method of least squares. The experimental curves (o o o), simulated curves (—) and partial curves (- - -, —) are shown at heating rate 11°C/min.

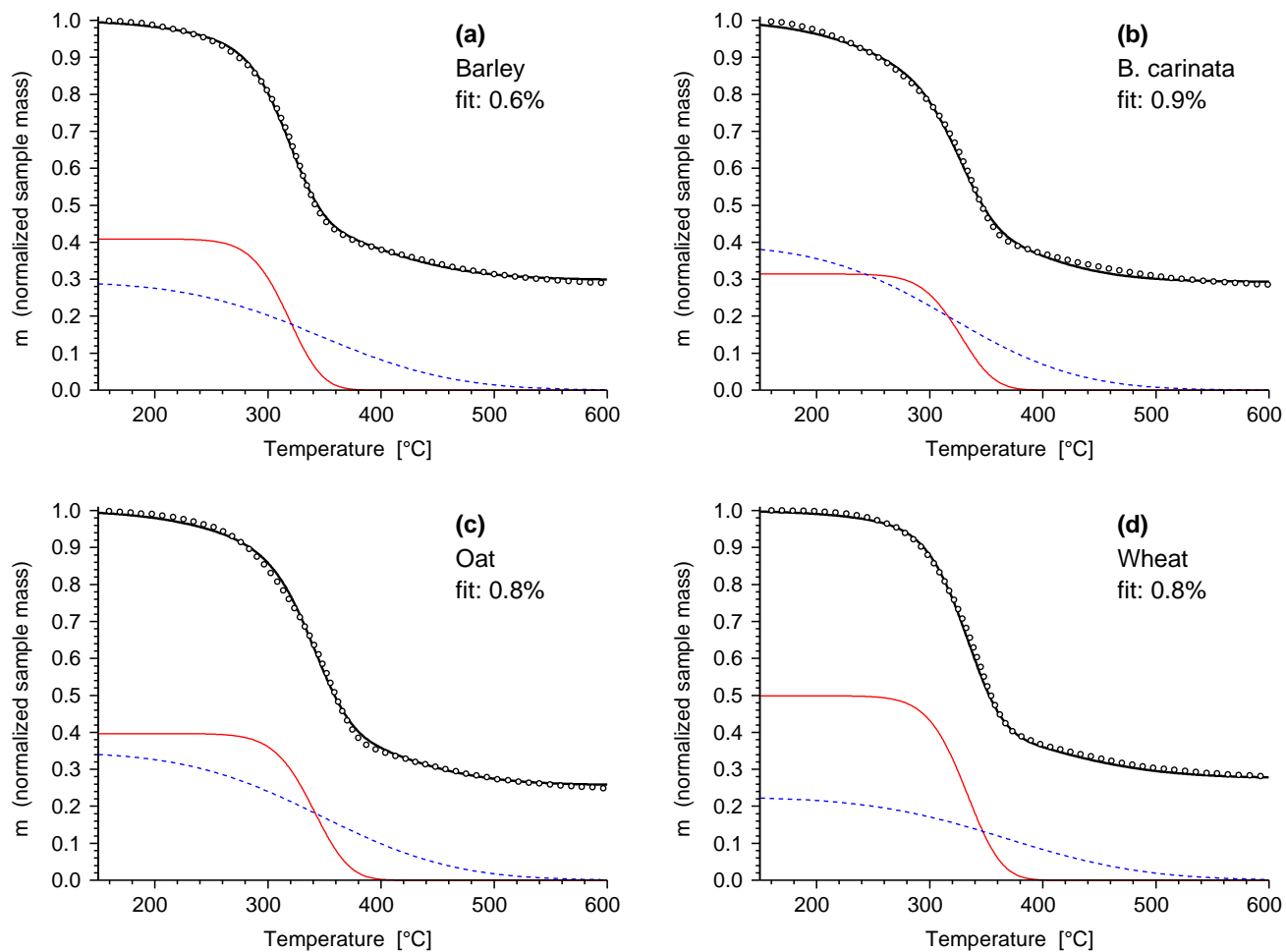


Figure S4. Kinetic evaluation of a series of twelve TGA curves by the method of least squares. The experimental curves (o o o), simulated curves (—) and partial curves (---, —) are shown at heating rate 22°C/min.

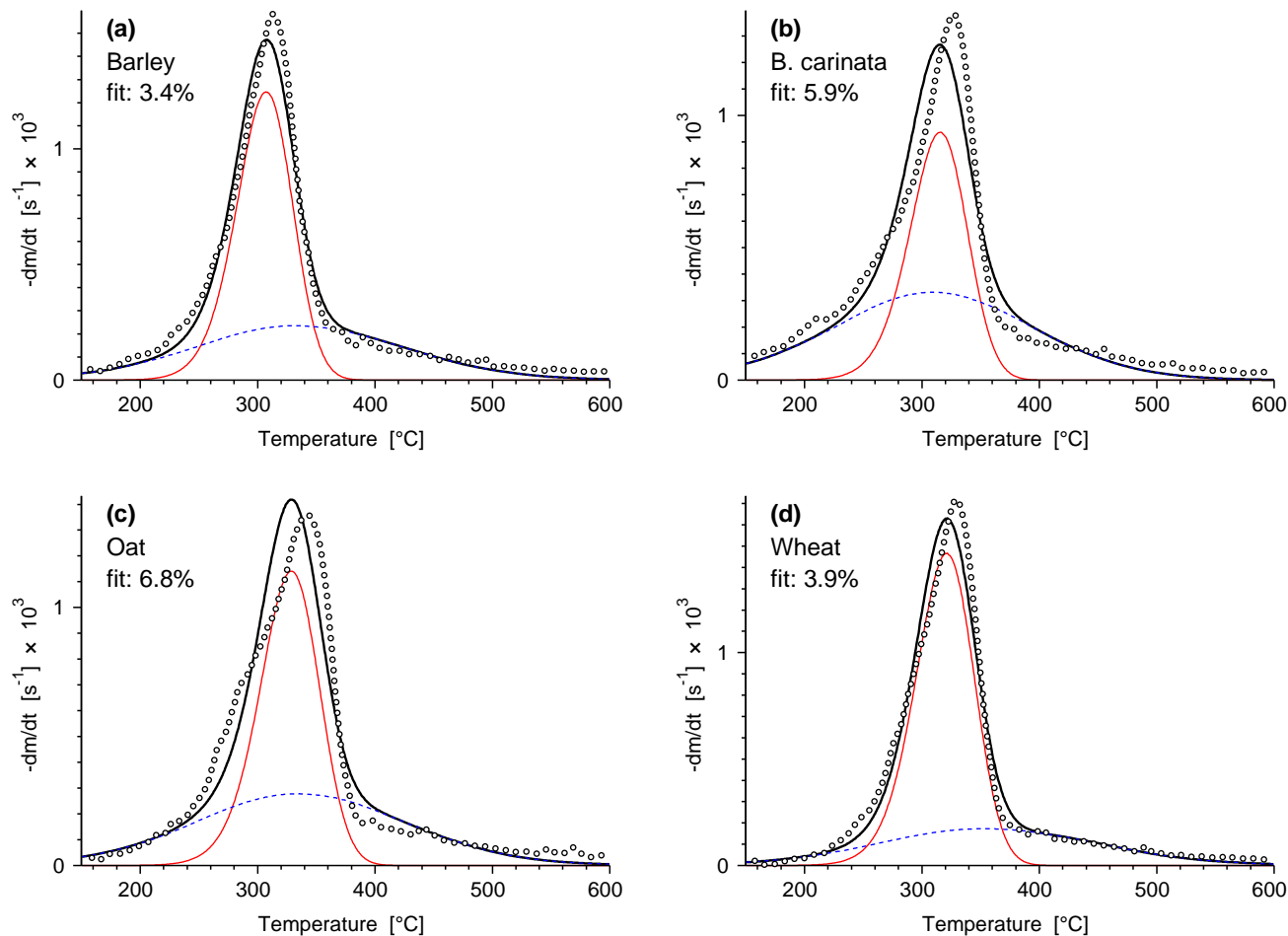


Figure S5. The best fitting parameters of the TGA curves cannot mimic well the top of the experimental DTG peaks. The parameters belonging to Figures 3 and 4 were tested on the corresponding DTG curves at **11°C/min**.

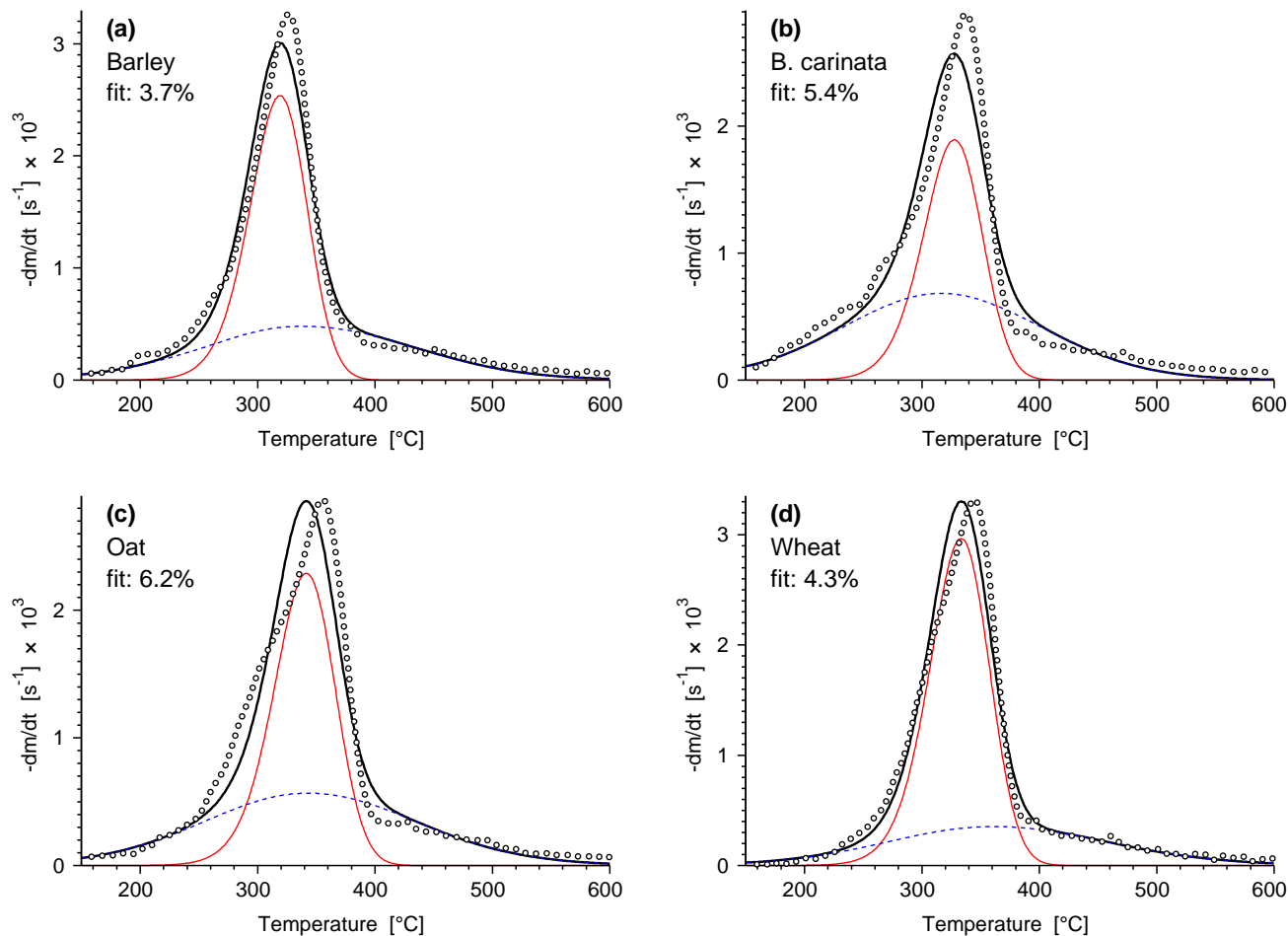


Figure S5. The best fitting parameters of the TGA curves cannot mimic well the top of the experimental DTG peaks. The parameters belonging to Figures 3 and 4 were tested on the corresponding DTG curves at **22°C/min**.