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Supporting Information for

**[Towards an Interpretable CNN Model for the Classification of Lightning Produced VLF/LF Signals]**

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**Contents of this file**

Dataset S1 Waveform data used for the improved CNN model training and test mentioned in this paper.

**Data Set S1.** The VLF/LF lightning waveform dataset is stored in the .arff format and is available at <https://github.com/Massachute/Waveform-data> .