

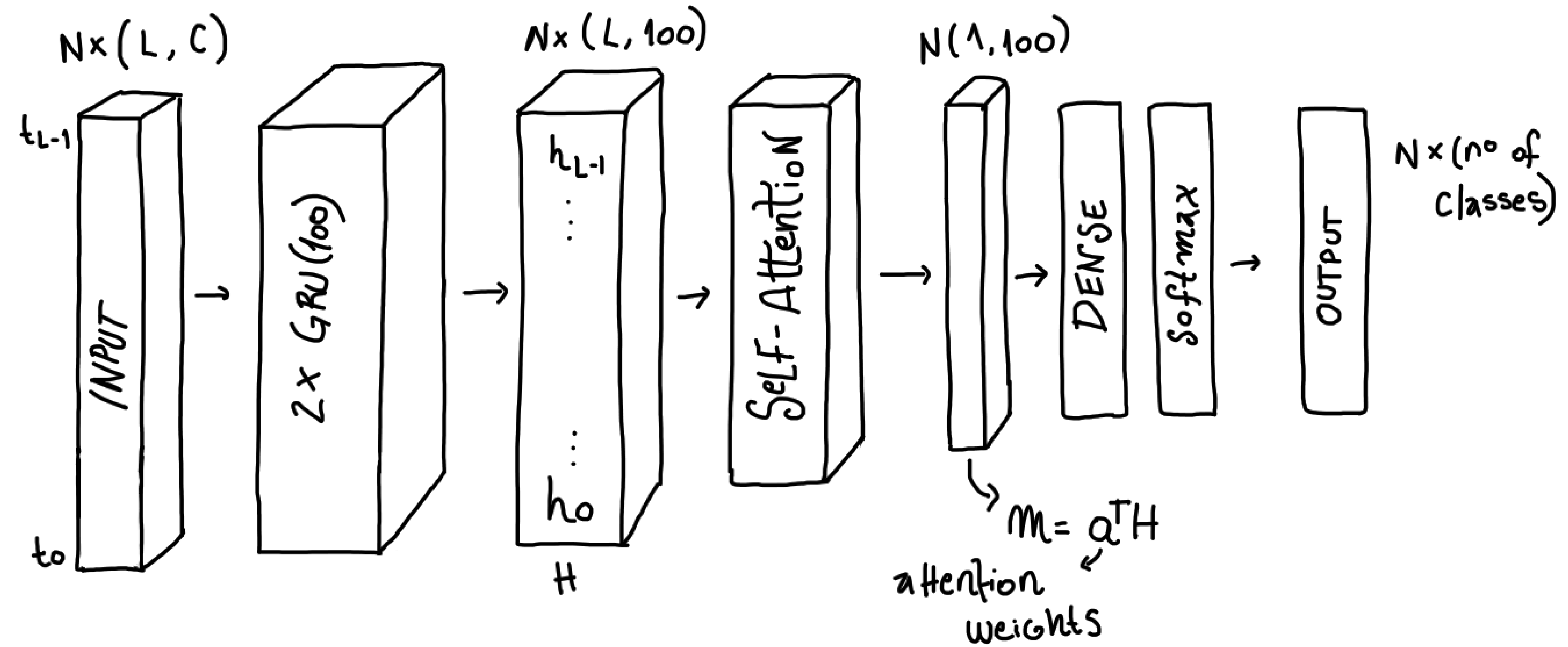
Pay attention to the Flare

Overview

- ▶ Early Classification of explosive transients (mainly SN)
- ▶ PLAsTiCC Data set using photometry
- ▶ No contextual information
- ▶ RNN(GRU) + Self-Attention
- ▶ General idea: get the classifier to focus on the sudden increase in brightness (flare).

Self-Attentive Model

- ▶ **Architecture:** GRU baseline with an added self-attention layer.



- ▶ **Self-attentive Layer:**

