

We explore the use of different model extensions of the FELIX neural transformer-based text-editing model for data-to-text generation. Our approach is based on iterative text-editing – transforming the individual items of the input data into short sentences using trivial templates and then iteratively improving the text by fusing the sentences using a text-editing model. Our extensions include replacing the FELIX’s non-autoregressive decoder with an autoregressive transformer decoder, extending the decoding so that it can preserve the input data in the output text, and adding a pointer network-based clause-level reordering mechanism. Furthermore, we propose our own new dataset versions of the WebNLG and DISCOFUSE datasets for training the text-editing models. We evaluate our models on the WebNLG dataset with automatic metrics and manually analyse the outputs of selected models.