

LEARNING WORD REPRESENTATIONS BY JOINTLY MODELING SYNTAGMATIC AND PARADIGMATIC RELATIONS



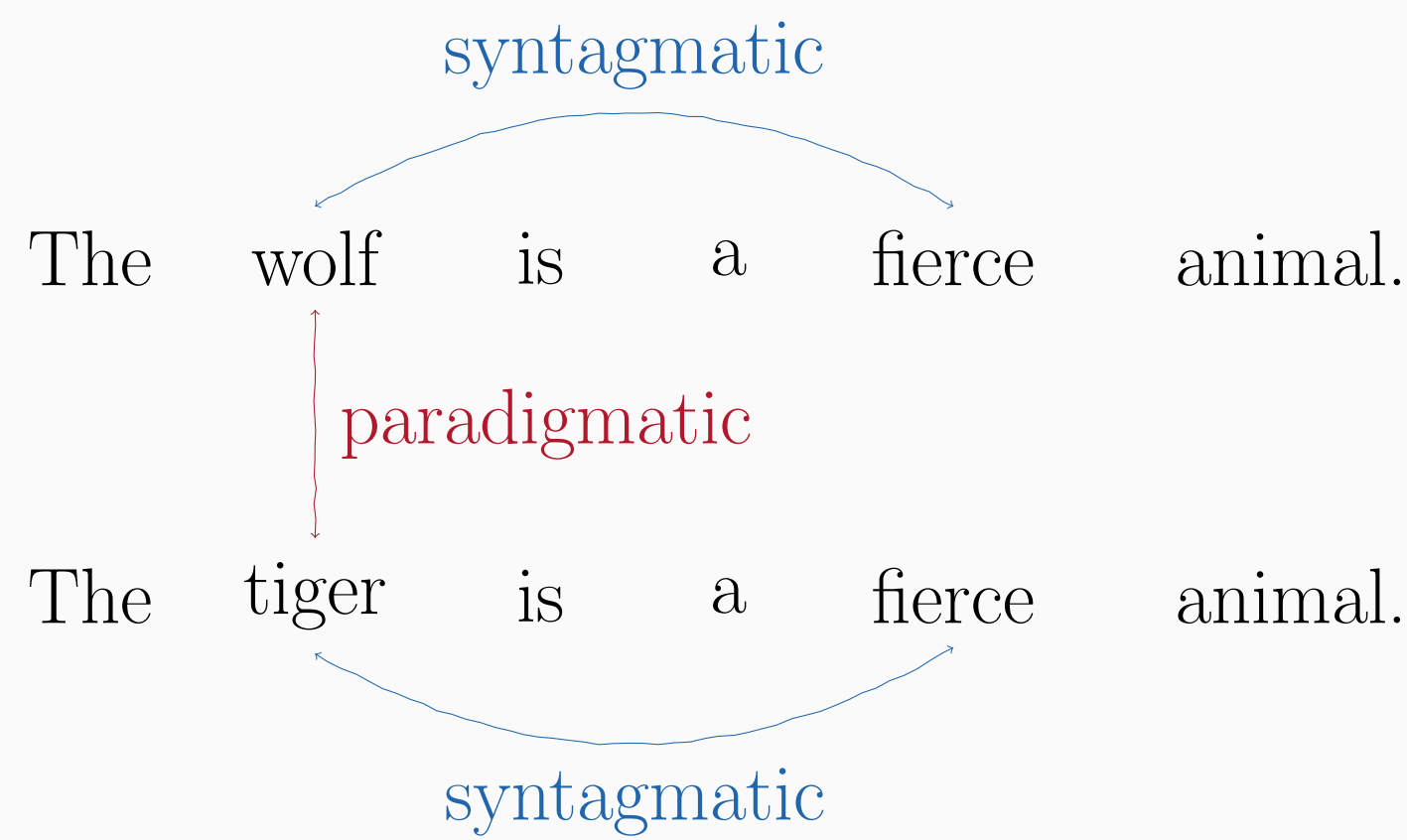
Fei Sun, Jiafeng Guo, Yanyan Lan, Jun Xu, and Xueqi Cheng

CAS Key Lab of Network Data Science and Technology, ICT, CAS, China

ofey.sunfei@gmail.com, {guojiafeng, lanyanyan, junxu, cxq}@ict.ac.cn



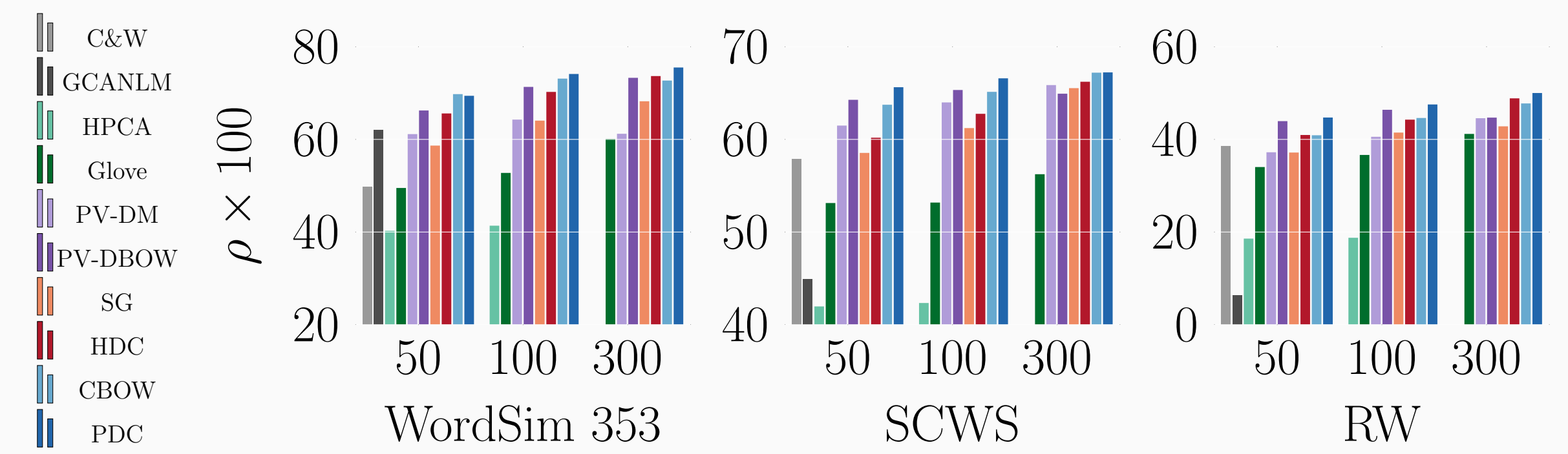
Background



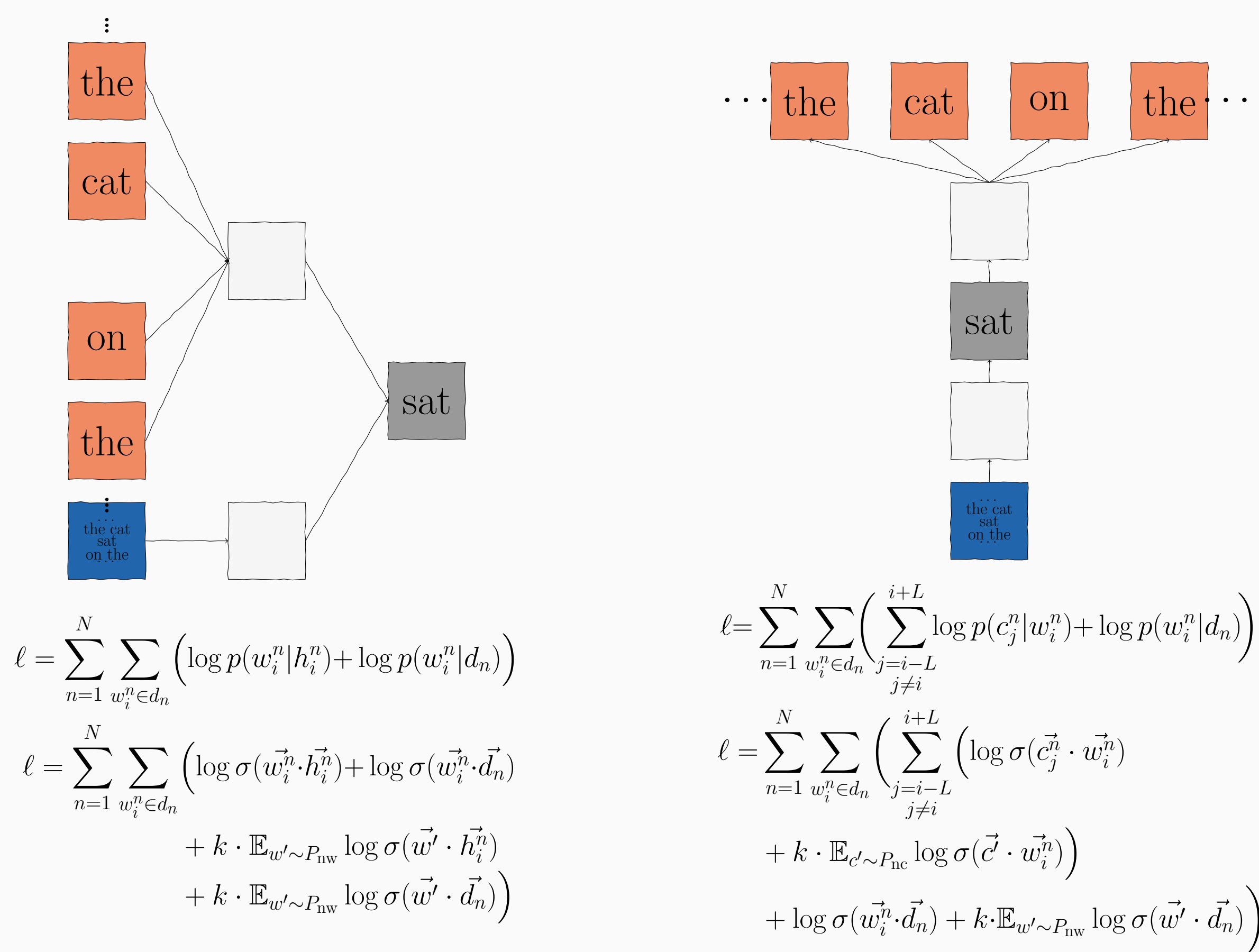
Qualitative Evaluations

Quantitative Evaluations

Word Similarity:



Model



Subcolumns

If you want to have an additional subdivision of columns inside a column, you may use the `\subcolumns` environment inside of a column environment. The functionality is similar to that of columns, but now the widths are relative to the width of the current column.

An example use of subcolumns is.

```
\begin{subcolumns}
\subcolumn{.6}
\block{...}{...}
\subcolumn{.4}
\block{...}{...}
\end{subcolumns}
```

Changing the Poster's Appearance

If the default appearance of the title, background, blocks, and notes is not desired, you may change the colors by calling the color style along with a general layout theme with the commands

```
\usecolorpalette{color palette}
\usecolorstyle{color style}
```

and

```
\usethe{layout style}
```

where the color palette and style and layout style are either the name of a custom made or one of the offered predefined choices listed in the manual or the comments of this poster's source. Individual changes can be made to the style of the background, title matter, blocks, inner blocks, and notes by using one of the following (along with either a custom-designed style or a predefined style listed in the manual or the comments of this poster's source). These changes are made with the commands

```
\usebackgroundstyle[{}], \usetitlestyle[{}],
\useblockstyle[{}], \innerblockstyle[{}],
\usenotestyle[{}]
```

Custom styles for these can be made; this is detailed in the manual.

Blocks

Blocks are arranged in a grid, by default, with width by default `\textwidth`. They are created by the command

```
\block [options] {title}{contents}
```

The title may be left empty, resulting in no title area being created for the block (as seen in a later block to the right). Further blocks will be placed below automatically, at a distance defined by `blockverticalspace`.

If you want to change the position of the title matter or the contents in the block, you may by setting in the options

```
titleoffsetx, titleoffsety, bodyoffsetx, bodyoffsety
```

which let you adjust the vertical or horizontal position of the two parts of the block, respectively. You can also make, relative to the default width, the title and block body by setting

```
titlewidthscale, bodywidthscale
```

The title's alignment can be set by `titleleft`, `titlecenter`, `titleright`, the body may be shifted vertically by setting `bodyverticalshift`, and the shape of the block can be altered by setting `roundedcorners`, `linewidth`. The inner margins of the title can be set by `titleinnersep`, `bodyinnersep`.