Ontological Approach to Image Captioning Evaluation

D. Shunkevich [1],

N. Iskra [2]

[1], [2] Belarusian State University of Informatics and Radioelectronics, P. Brovka 6, 220013, Minsk, Belarus

Abstract: The paper considers the ontology of the existing metrics widely used for image captioning task evaluation. It is shown how the ontological approach provides more natural and resilient way to image captioning quality assurance in comparison with machine translation metrics variations. Another important problem, discussed in the paper, is the information support for researchers in the field of image captioning.

Internet link to this article:

https://link.springer.com/article/10.1134%2FS1054661820030256.