

Wrocław, 1.08.2022

To whom it may concern:

This letter is to confirm that the contribution of authors of the paper

*Joanna Komorniczak, Paweł Zyblewski i Paweł Ksieniewicz. "Prior Probability Estimation in Dynamically Imbalanced Data Streams". W: 2021 International Joint Conference on Neural Networks (IJCNN). IEEE, lip. 2021. doi: 10.1109/ijcnn52387.2021.9533795*

are as follows:

**Joanna Komorniczak**

Overall contribution: 20%

Conceptualization, Software, Writing – Original Draft, Writing – Review & Editing.

Corresponding author.

**Paweł Zyblewski**

Overall contribution: 10%

Conceptualization, Methodology, Formal Analysis, Writing – Original Draft.

**Paweł Ksieniewicz**

Overall contribution: 70%

Conceptualization, Software, Validation, Formal Analysis, Investigation, Resources, Writing - Original Draft, Writing - Review & Editing, Visualization, Supervision.

Sincerely,

Paweł Zyblewski  
Wrocław University of Science and Technology  
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