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A Multivariate and Quantitative Model for Predicting Cross-application Interference in Virtual Environments

Maicon Melo Alves, Lúcia Maria de Assumpção Drummond

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#### ACCEPTED MANUSCRIPT

#### Highlights

- Analysis of interference of co-located applications in clouds
- Proposal of a multivariate and quantitative crossinterference prediction model
- Experimental analysis of our prediction model by using real HPC applications



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