## CRediT author statement

**Atsushi Hori :** Conceptualization, Methodology, Software, Validation, Formal analysis, Investigation, Writing - Original Draft, Visualization, Supervision

**Emmanuel Jeannot :** Conceptualization, Methodology, Validation, Investigation, Writing - Review & Editing, Visualization

George Bosilca: Conceptualization, Methodology, Software, Validation, Investigation, Resources, Writing - Review & Editing

Takahiro Ogura: Methodology

Balazs Gerofi: Formal analysis, Writing - Review & Editing

Jie Yin: Data Curation

**Yutaka Ishikawa :** Funding acquisition, Project administration, Writing - Review & Editing