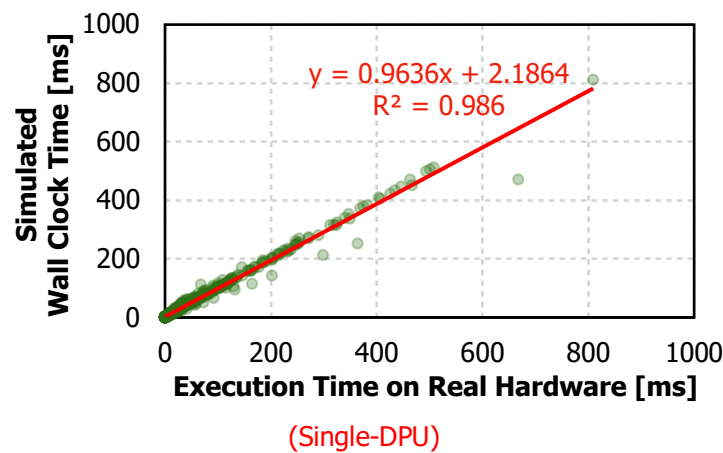


UPMEM-PIM Validation Results

- Each data point corresponds to a single kernel in our studied benchmark in Table 2.
- The correlation ratio (R^2) and Mean Absolute Error (MAE) numbers for single-/multi-DPU simulations are summarized as follows:
 - Single DPU without any inter-DPU communication (total of 625 data-points):
 - Correlation: 98.6%, MAE: 10.5%



- Multi-DPUs with inter-DPU communication (total of 342 data-points):
 - Correlation: 97.3%, MAE: 25.9%

