## Signature Performance Across Platforms (Message Size: 1048576 bytes) $10^{3}$ $10^{2}$ $\mathrm{Time}\;(\mathrm{ms})$ $10^{0}$ $10^{-1}$ $10^{-2}$ Algorithm

Platform-Operation

- --- MACOS Key Generation (ms)
- **──** MACOS Signing (ms)
- **■●■** MACOS Verification (ms)
- **■●■** UBUNTU Key Generation (ms)
- -- UBUNTU Signing (ms)
- **---** UBUNTU Verification (ms)
- --- RASPBERRY Key Generation (ms)
- --- RASPBERRY Signing (ms)
- --- RASPBERRY Verification (ms)