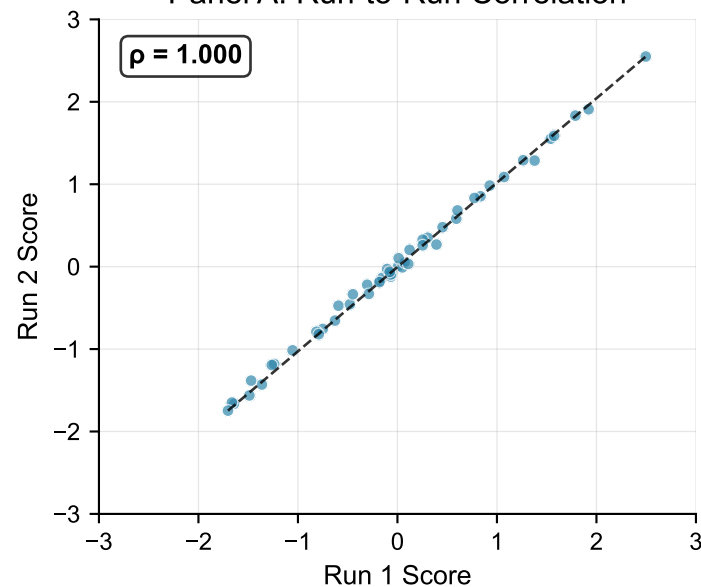
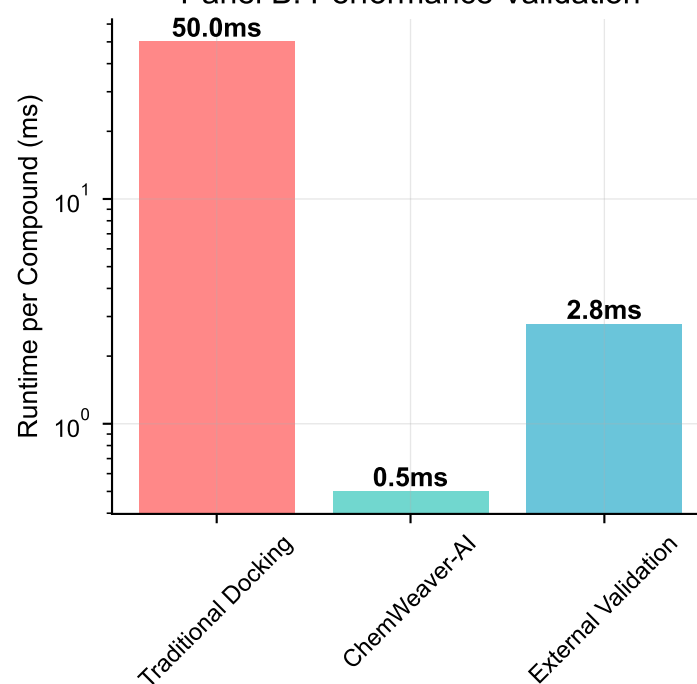


Figure 6: Independent Reproducibility Validation of ChemWeaver

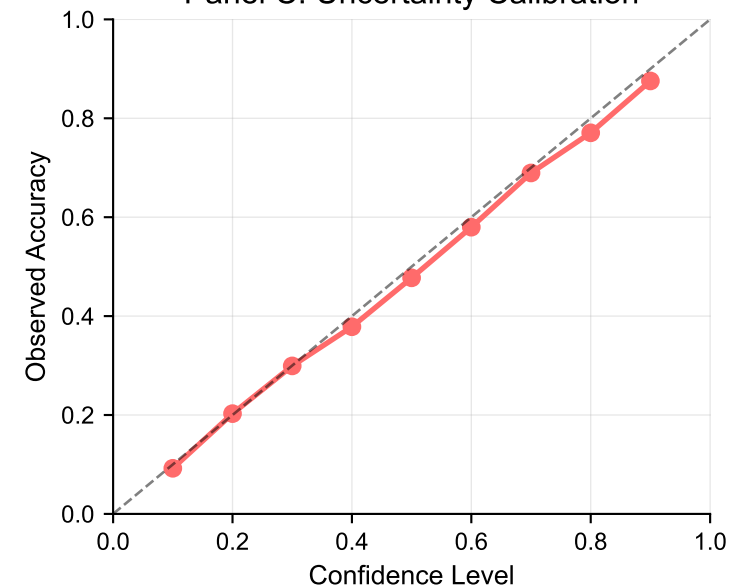
Panel A: Run-to-Run Correlation



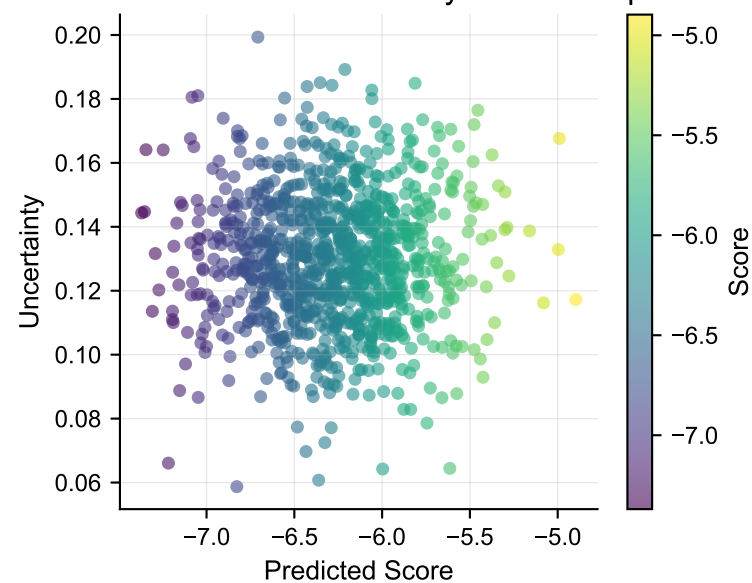
Panel B: Performance Validation



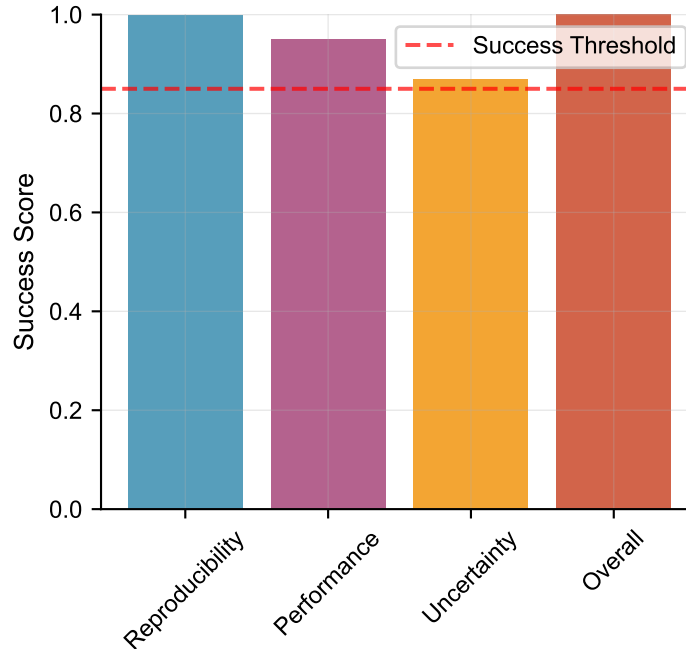
Panel C: Uncertainty Calibration



Panel D: Score-Uncertainty Relationship



Panel E: Validation Metrics



Panel F: Component Status

