finite-elements classification scientific-computing geophysics robust-statistics dataset gaussian-processes time-series-analysis complex-systems covid-19 robotics high-performance-computing classification scientific—computing cosmology joss spectroscopy works, algorithm spatial-analysis genome julia-language neural-networks bayesian YS1S geometry parsing time-series datasets analy analysis ocean learning regressional gorithms neuroimagingamr packageweather pandas matlab numpymeg asmusic cython () geospatial datavizcfd mapping fortrangpu modeling ا ا  $C_{1}$ library spatial simulator Q mesh outliers confidence-intervals ggplotz plotscipy  $\dot{\mathbb{Q}}$ gui cpp cuda eeg rust sequencing julialang research pipeline neuroscience hep image-processing parser networks easystats petsc text-mining dna containers ecology optimizatio n neural-network data-visualization matplotlib inference reproducible-research causal-inference differential-equations reproducibility computational-chemistry graphs singularity parallel-computing singularity parallel-computing dynamical-systems climate-change