dimensionality-reduction julialang parallel-computing neural-networks simulations correlation gaussian-processes remote-sensing scientific—computing geoscience algorithm graph-algorithms oceanography SCICILILIIIC COILIL closember containers fracture time coriography time-series-analysis computer-vision easystats molecular-dynamics image-processing artificial-intelligence tidy-data forecasting bayesian mamics biomechanics topology finite-elements dynamics julia-language petsclinear-algebra engineering genomicsresearch llm network—analysis covid-19 pandas fem mpi cosmology numba climate-science audio model datasets meglibrary rust weather quantum ecology cuda docker database package scipymodeling jax exoplanets dataset CPP network geospātial algorithms energy napping matlab mapping ejavascript matplotlib bayesian-statistics neuroimaging science meteorology reproducibility robotics chemistry explainable-ai text\_mining experiments datacausal-inference hydrologysampling australia signal-processing -chemistry differential-equations materials networks segmentation computational dynamical-systems microbiome geophysics high-performance-computing dynamic api-client statistical-analysis pca kinematics numerical-methods imáge-analysis