

CMRep Regression Package

Required Packages

- Required by Deformetrica
 - VTK, ITK (FFTW, FFTD included)
- Required by CM-Rep
 - LAPACK (+BLAS), Pardiso, OpenMP (libgomp), g2c (can be replaced by gfortran)

1. mkdir bin
2. cd bin
3. cmake ../app
 - Set required library path (e.g. BLAS_LIB, G2C_LIB, GOMP_LIB, ITK_DIR, LAPACKLIB, PARDISO_LIB, USE_PARDISO=ON, VTK_DIR)
4. configure and generate
5. make
6. ./sparseGeodesicRegression3CMRep

CMRep Fit

Required Packages

- Required by Deformetrica
 - VTK, ITK (FFTW, FFTD included)
- Required by CM-Rep
 - LAPACK (+BLAS), Pardiso, OpenMP (libgomp), g2c (can be replaced by gfortran)

1. mkdir bin_cmrep
2. cd bin_cmrep
3. cmake ../cmrep
 - a. USE_PARDISO=ON
 - b. Set required library path (e.g. BLAS_LIB, G2C_LIB, GOMP_LIB, ITK_DIR, LAPACKLIB, PARDISO_LIB, USE_PARDISO=ON, VTK_DIR)
4. make