Using -Wall together with -Werror makes cmake fail:

cmake -DCMAKE_CXX_FLAGS="-Wall -Werror" ..
...
-- Performing Test CXX11_SUPPORTED - Failed

CMake Error at cmake/gmxTestCXX11.cmake:113 (message):
This version of GROMACS requires a C++11 compiler. Please use a newer compiler or use the GROMACS 5.1.x release. See the installation guide for details.

Call Stack (most recent call first):
CMakeLists.txt:164 (gmx_test_cxx11)

-- Configuring incomplete, errors occurred!

due to

build/CMakeFiles/CMakeTmp/src.cxx:45:11: error: unused variable 'x' [-Werror=unused-variable]
  double *x = nullptr;
  ^
cc1plus: all warnings being treated as errors