



Relative error vs coefficient degree for a conjugation of the 161×161 diagonal matrix evenly spaced from $1/4$ to $5/4$ by steps of $1/160$. The matrix precision is `float128_t` and the target precisions are `float32_t`, `float64_t`, `float128_t`; the computations went to 113, 120, and 136 bits. The dimension of the matrix was chosen to avoid overflow at the low precision.