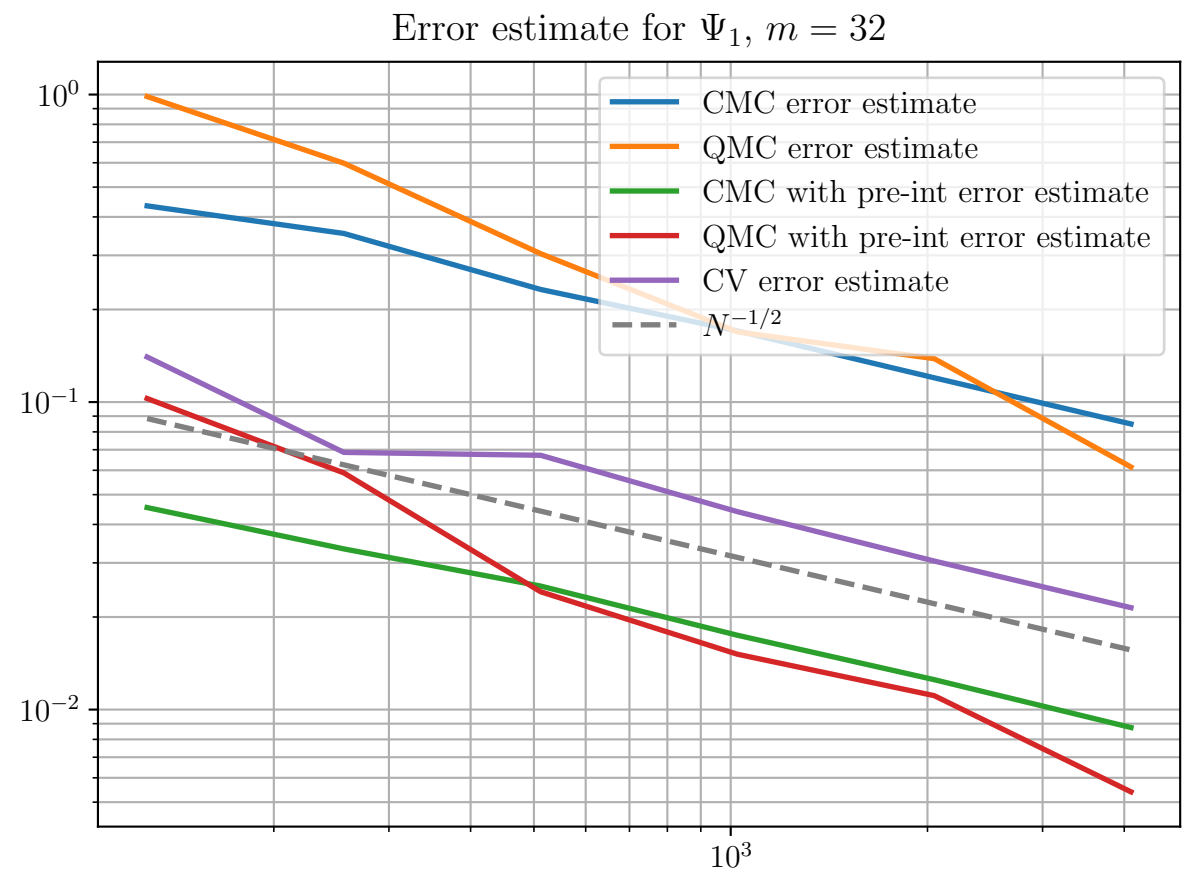
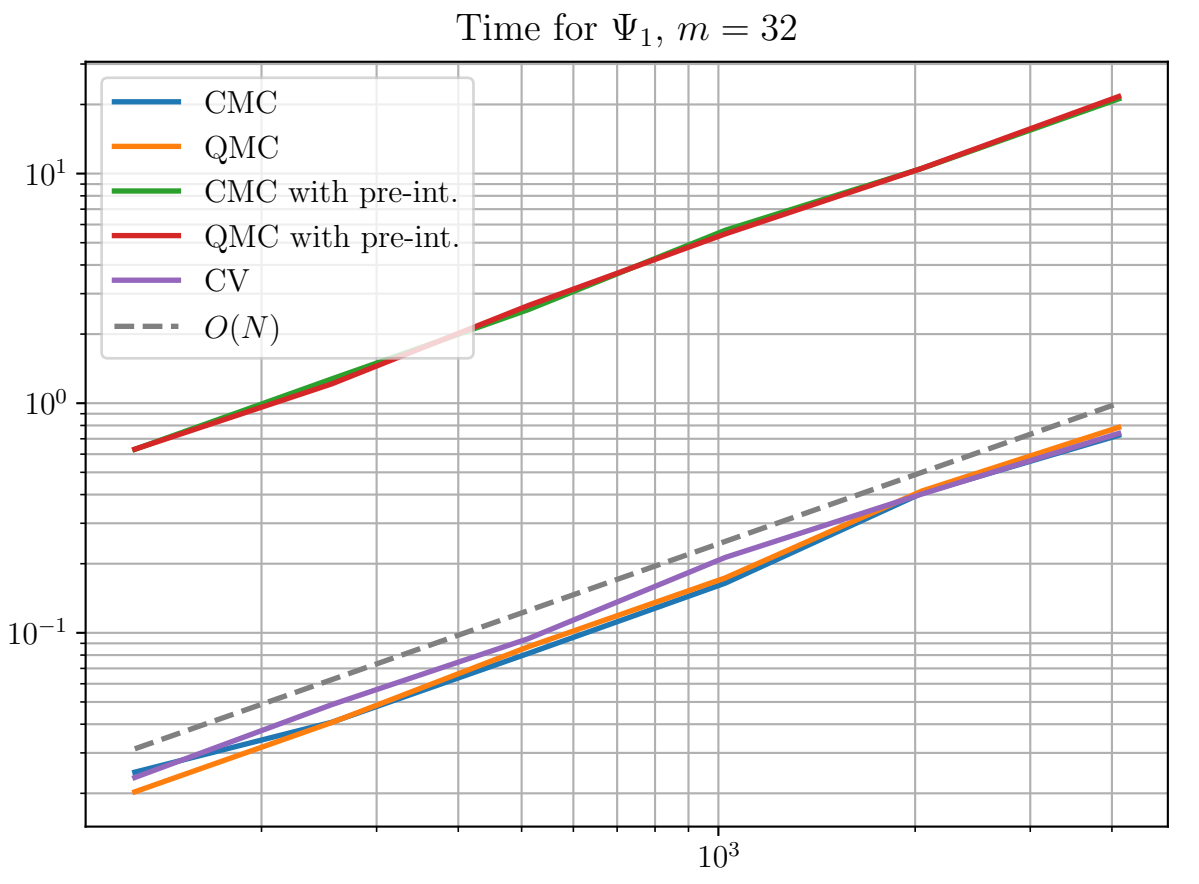
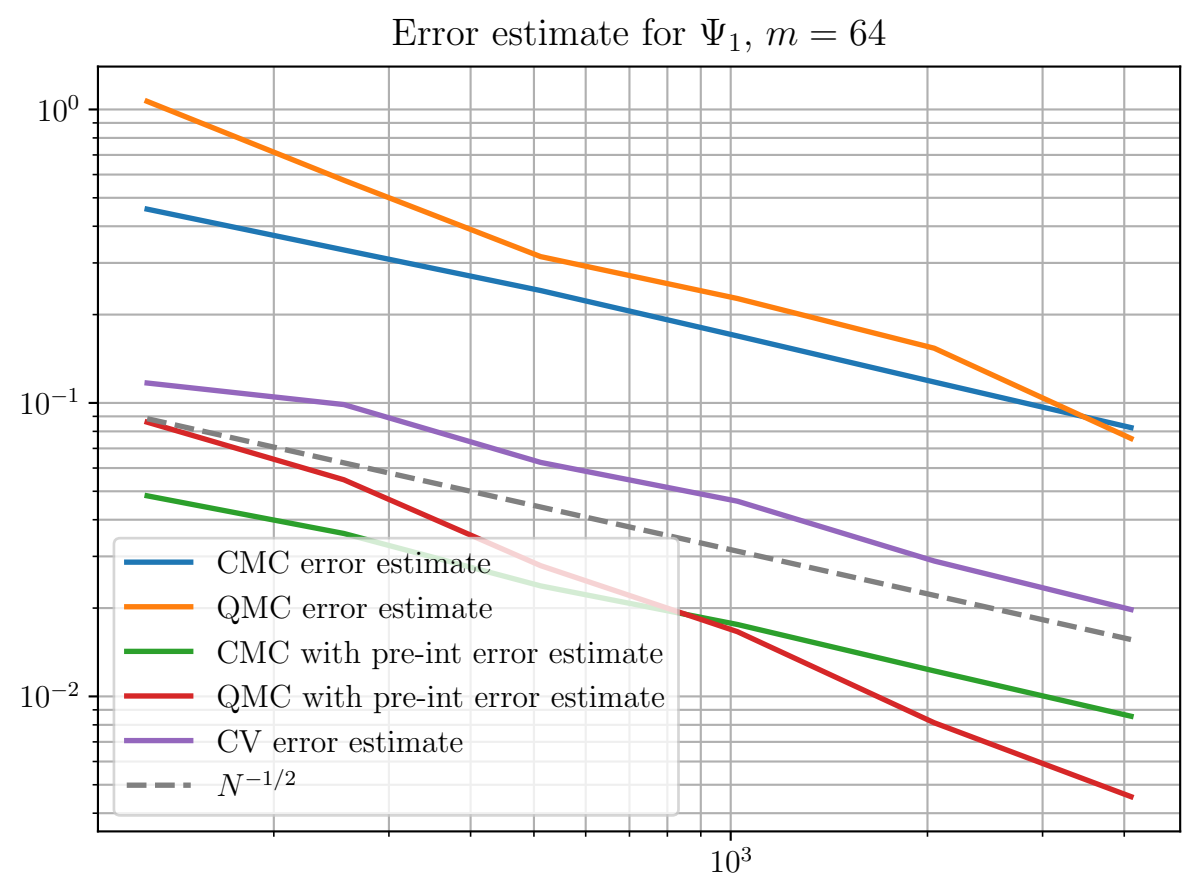
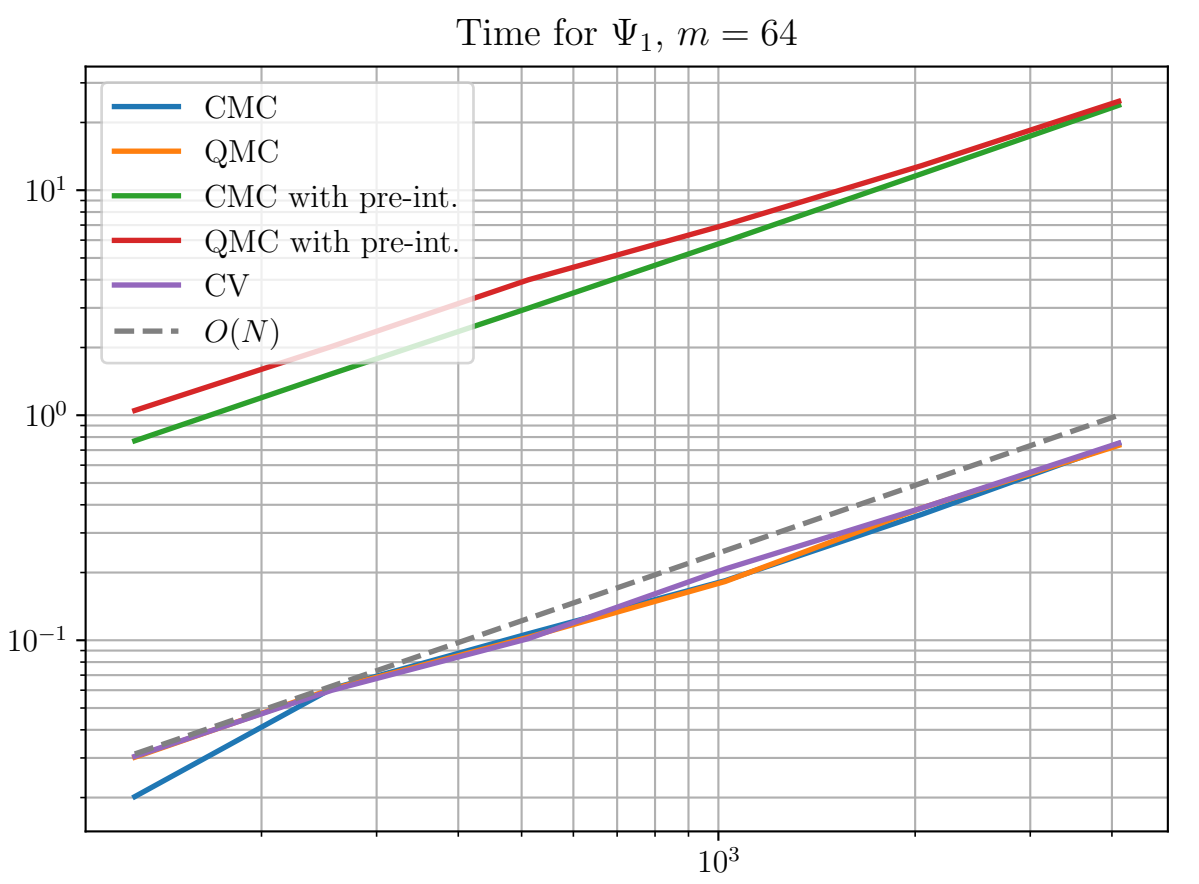
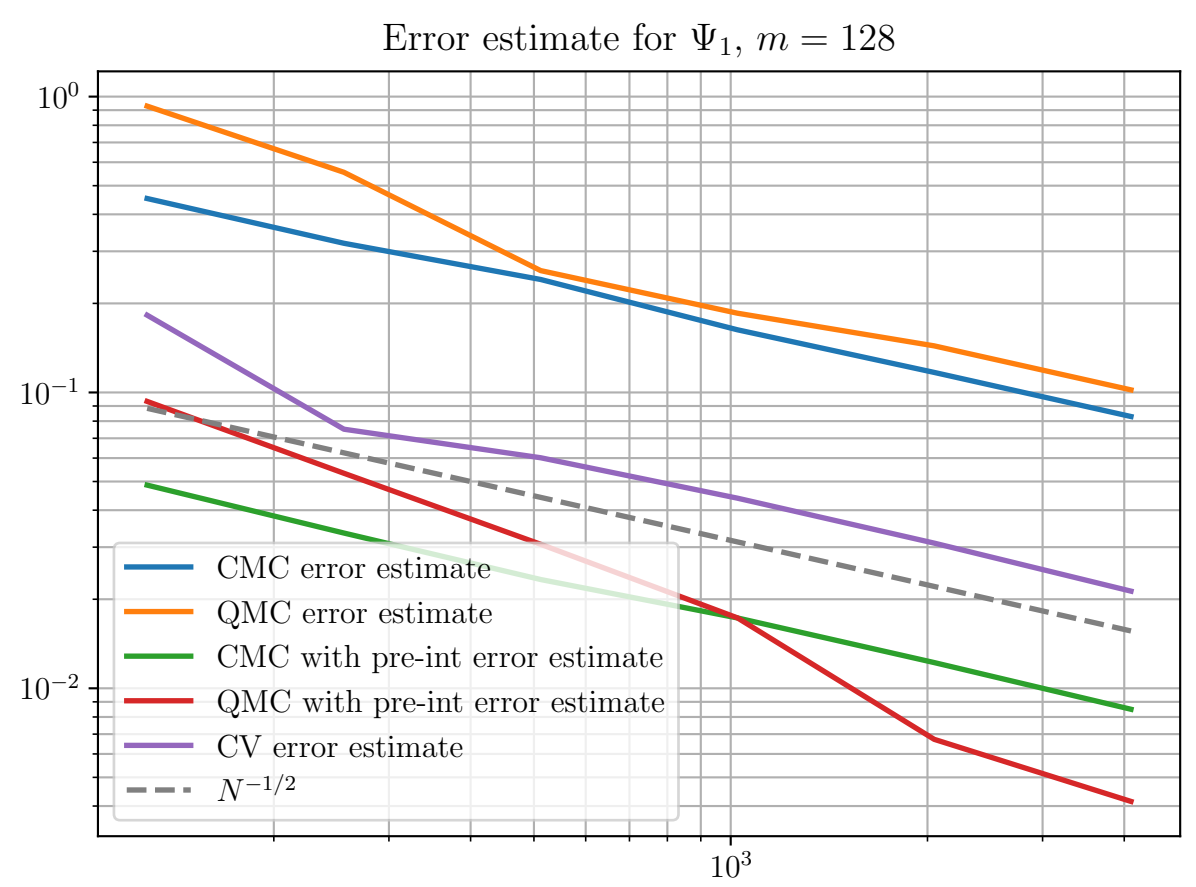
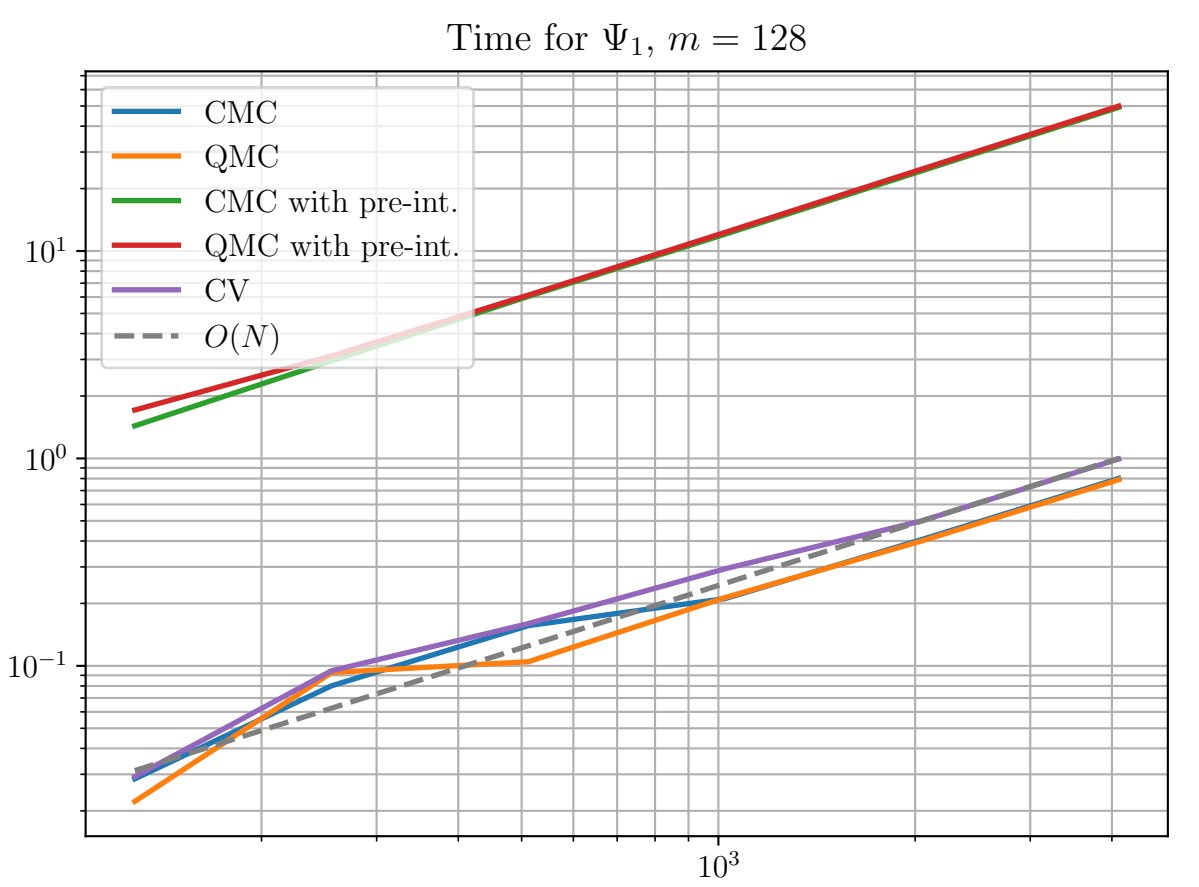

Error estimate for Ψ_1, $m = 32$
CMC error estimate
QMC error estimate
CMC with pre-int error estimate
QMC with pre-int error estimate
CV error estimate
$N^{-1/2}$
10^0
10^{-1}
10^{-2}
10^3

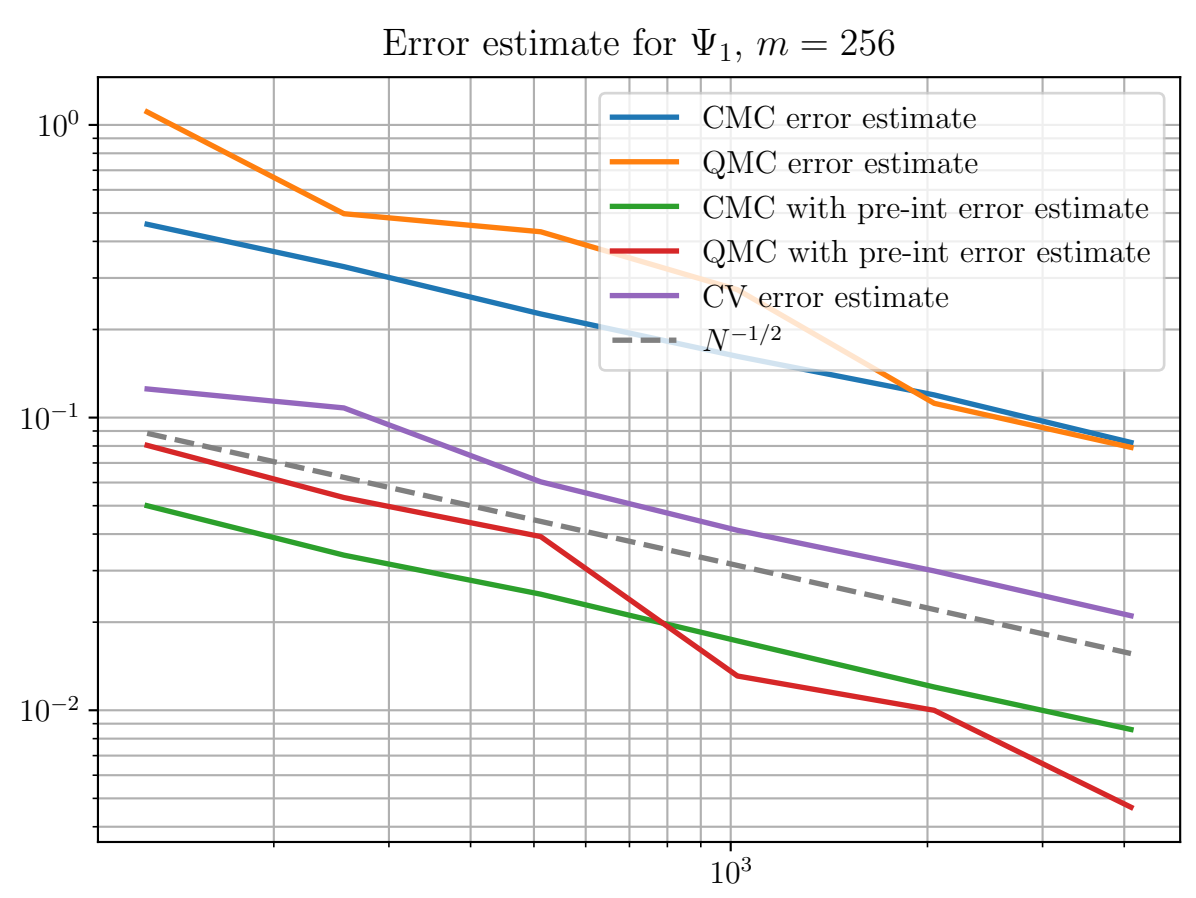

Time for Ψ_1, $m = 32$
CMC
QMC
CMC with pre-int.
QMC with pre-int.
CV
$O(N)$
10^1
10^0
10^{-1}
10^3

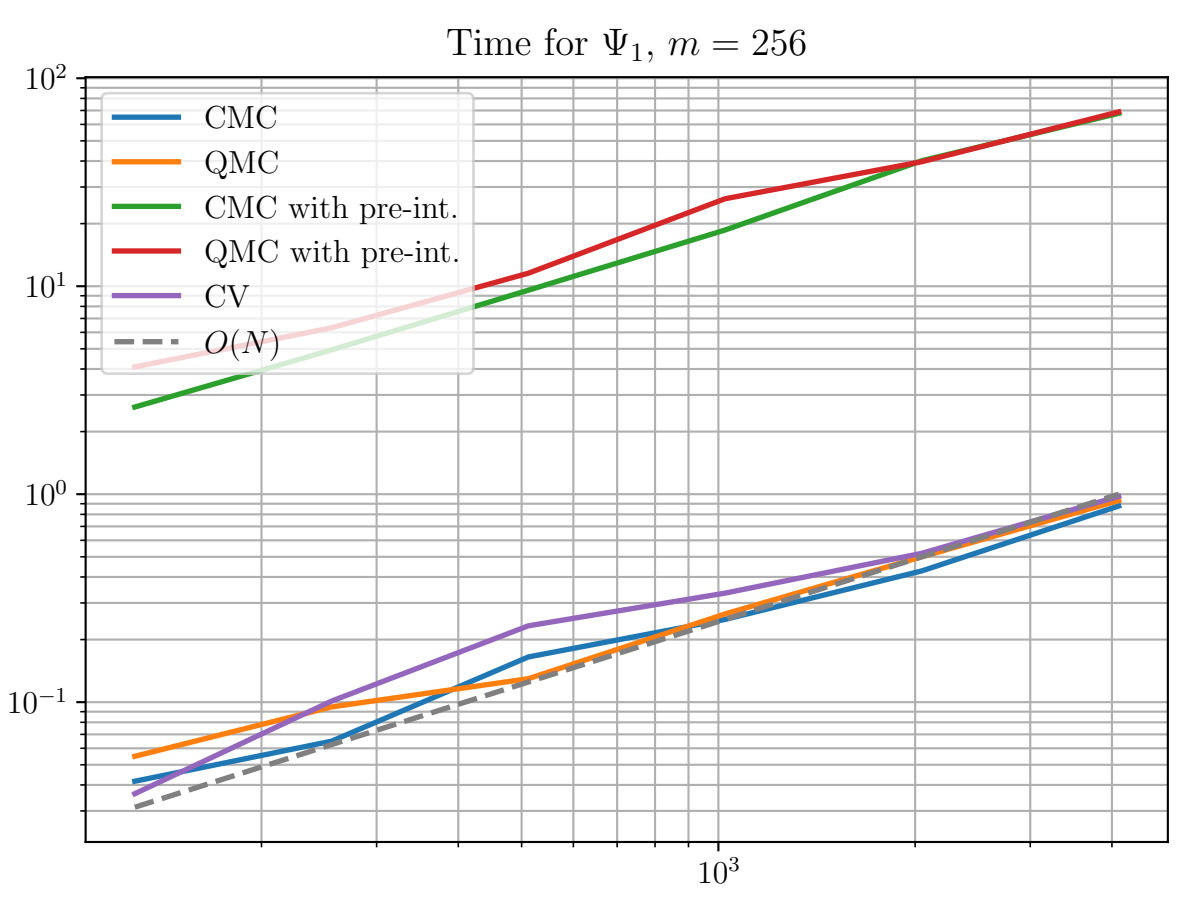

Error estimate for Ψ_1, $m = 64$
CMC error estimate
QMC error estimate
CMC with pre-int error estimate
QMC with pre-int error estimate
CV error estimate
$N^{-1/2}$
10^0
10^{-1}
10^{-2}
10^3

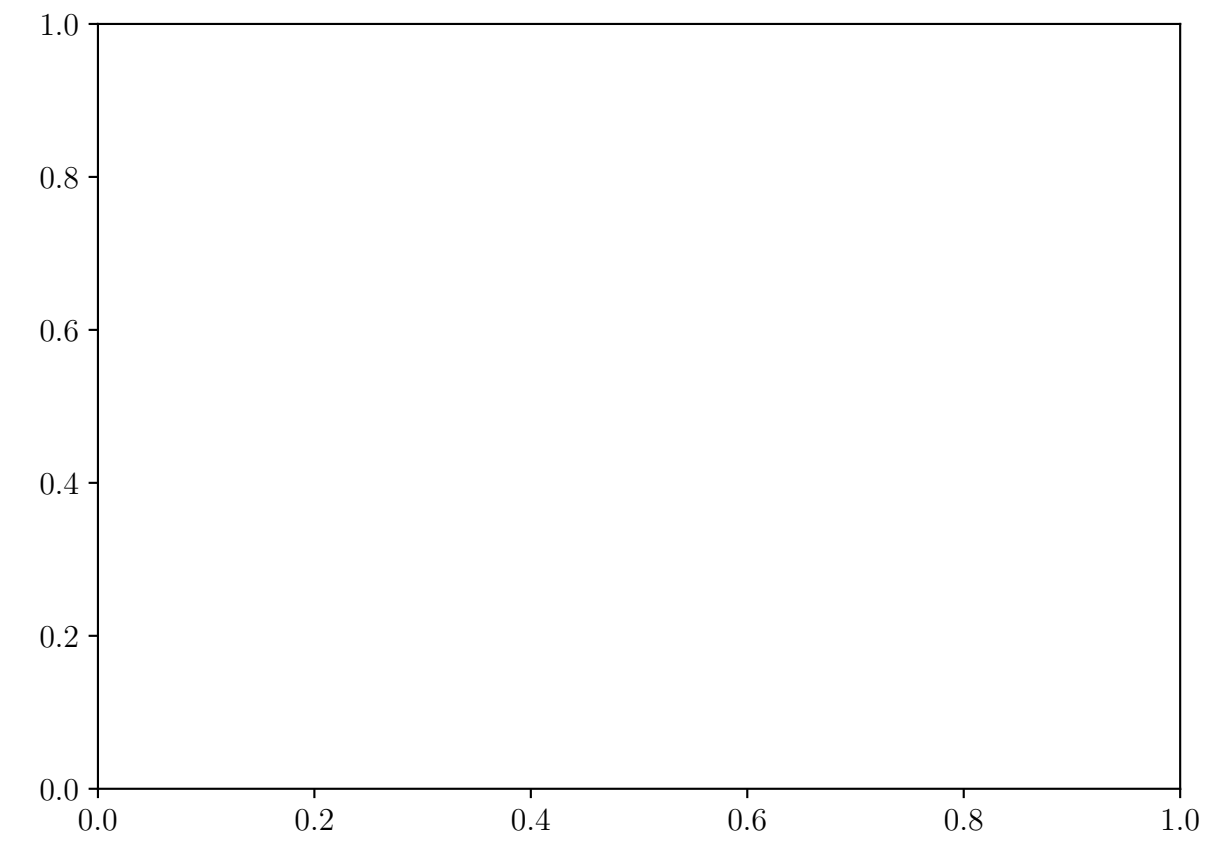

Time for Ψ_1, $m = 64$
CMC
QMC
CMC with pre-int.
QMC with pre-int.
CV
$O(N)$
10^1
10^0
10^{-1}
10^3

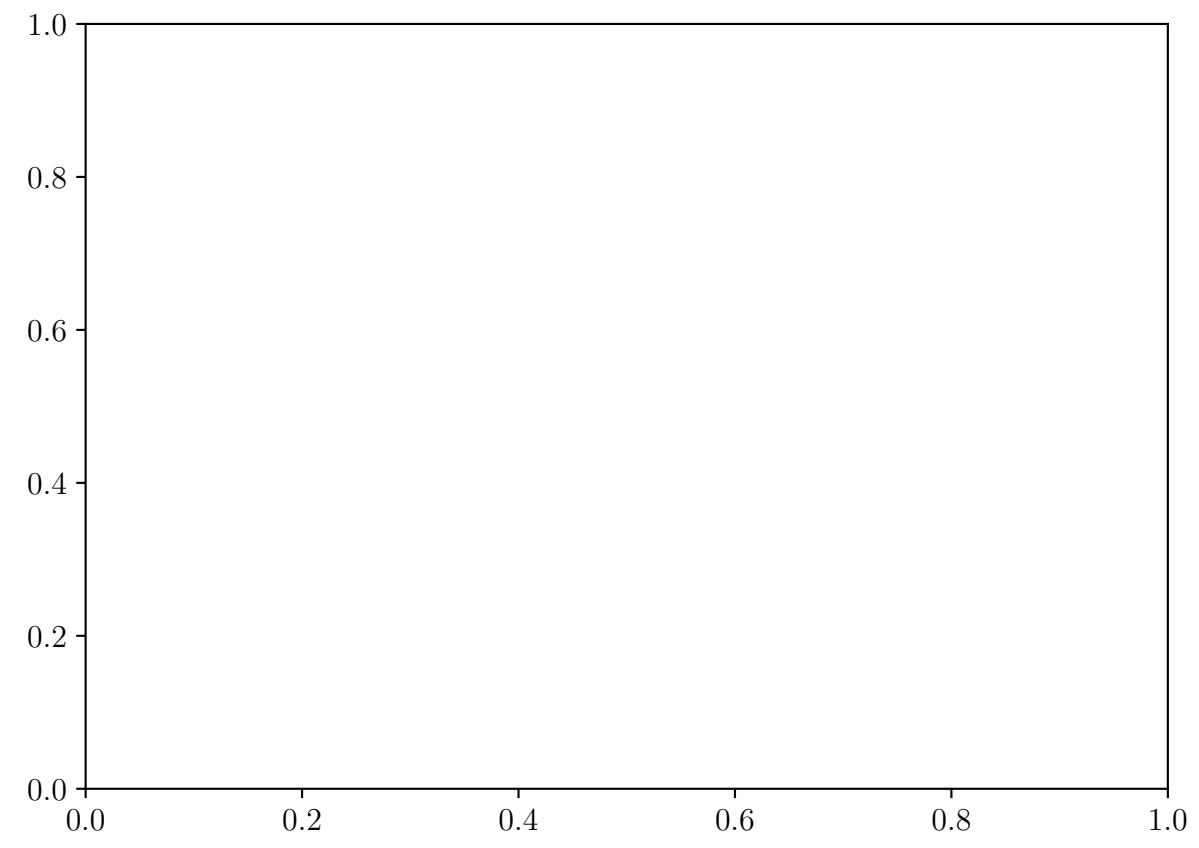

Error estimate for Ψ_1, $m = 128$
CMC error estimate
QMC error estimate
CMC with pre-int error estimate
QMC with pre-int error estimate
CV error estimate
$N^{-1/2}$
10^0
10^{-1}
10^{-2}
10^3


Time for Ψ_1, $m = 128$
CMC
QMC
CMC with pre-int.
QMC with pre-int.
CV
$O(N)$
10^1
10^0
10^{-1}
10^3


Error estimate for Ψ_1, $m = 256$
CMC error estimate
QMC error estimate
CMC with pre-int error estimate
QMC with pre-int error estimate
CV error estimate
$N^{-1/2}$
10^0
10^{-1}
10^{-2}
10^3


Time for Ψ_1, $m = 256$
CMC
QMC
CMC with pre-int.
QMC with pre-int.
CV
$O(N)$
10^2
10^1
10^0
10^{-1}
10^3


1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0


1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0