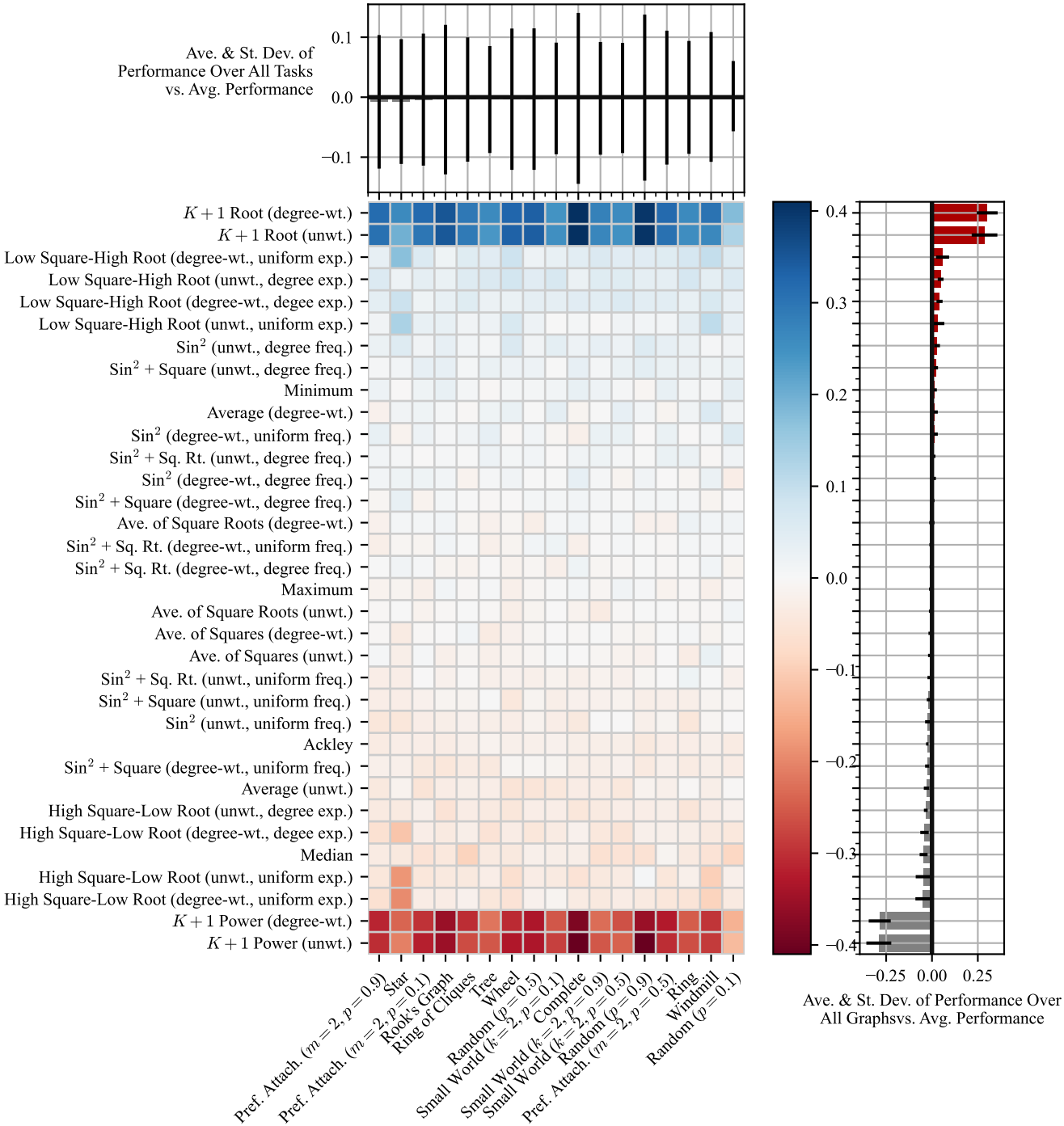
Ave. & St. Dev. of
Performance Over All Tasks
vs. Avg. Performance
0.1
0.0
−0.1
$K+1$ Root (degree-wt.)
$K+1$ Root (unwt.)
Low Square-High Root (degree-wt., uniform exp.)
Low Square-High Root (unwt., degree exp.)
Low Square-High Root (degree-wt., degee exp.)
Low Square-High Root (unwt., uniform exp.)
Sin^2 (unwt., degree freq.)
Sin^2 + Square (unwt., degree freq.)
Minimum
Average (degree-wt.)
Sin^2 (degree-wt., uniform freq.)
Sin^2 + Sq. Rt. (unwt., degree freq.)
Sin^2 (degree-wt., degree freq.)
Sin^2 + Square (degree-wt., degree freq.)
Ave. of Square Roots (degree-wt.)
Sin^2 + Sq. Rt. (degree-wt., uniform freq.)
Sin^2 + Sq. Rt. (degree-wt., degree freq.)
Maximum
Ave. of Square Roots (unwt.)
Ave. of Squares (degree-wt.)
Ave. of Squares (unwt.)
Sin^2 + Sq. Rt. (unwt., uniform freq.)
Sin^2 + Square (unwt., uniform freq.)
Sin^2 (unwt., uniform freq.)
Ackley
Sin^2 + Square (degree-wt., uniform freq.)
Average (unwt.)
High Square-Low Root (unwt., degree exp.)
High Square-Low Root (degree-wt., degee exp.)
Median
High Square-Low Root (unwt., uniform exp.)
High Square-Low Root (degree-wt., uniform exp.)
$K+1$ Power (degree-wt.)
$K+1$ Power (unwt.)
Pref. Attach. ($m=2, p=0.9$)
Pref. Attach. ($m=2, p=0.1$)
Star
Rook's Graph
Ring of Cliques
Tree
Wheel
Random ($p=0.5$)
Small World ($k=2, p=0.1$)
Complete
Small World ($k=2, p=0.9$)
Small World ($k=2, p=0.5$)
Random ($p=0.9$)
Pref. Attach. ($m=2, p=0.5$)
Ring
Windmill
Random ($p=0.1$)
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.25
0.00
0.25
Ave. & St. Dev. of Performance Over
All Graphsvs. Avg. Performance