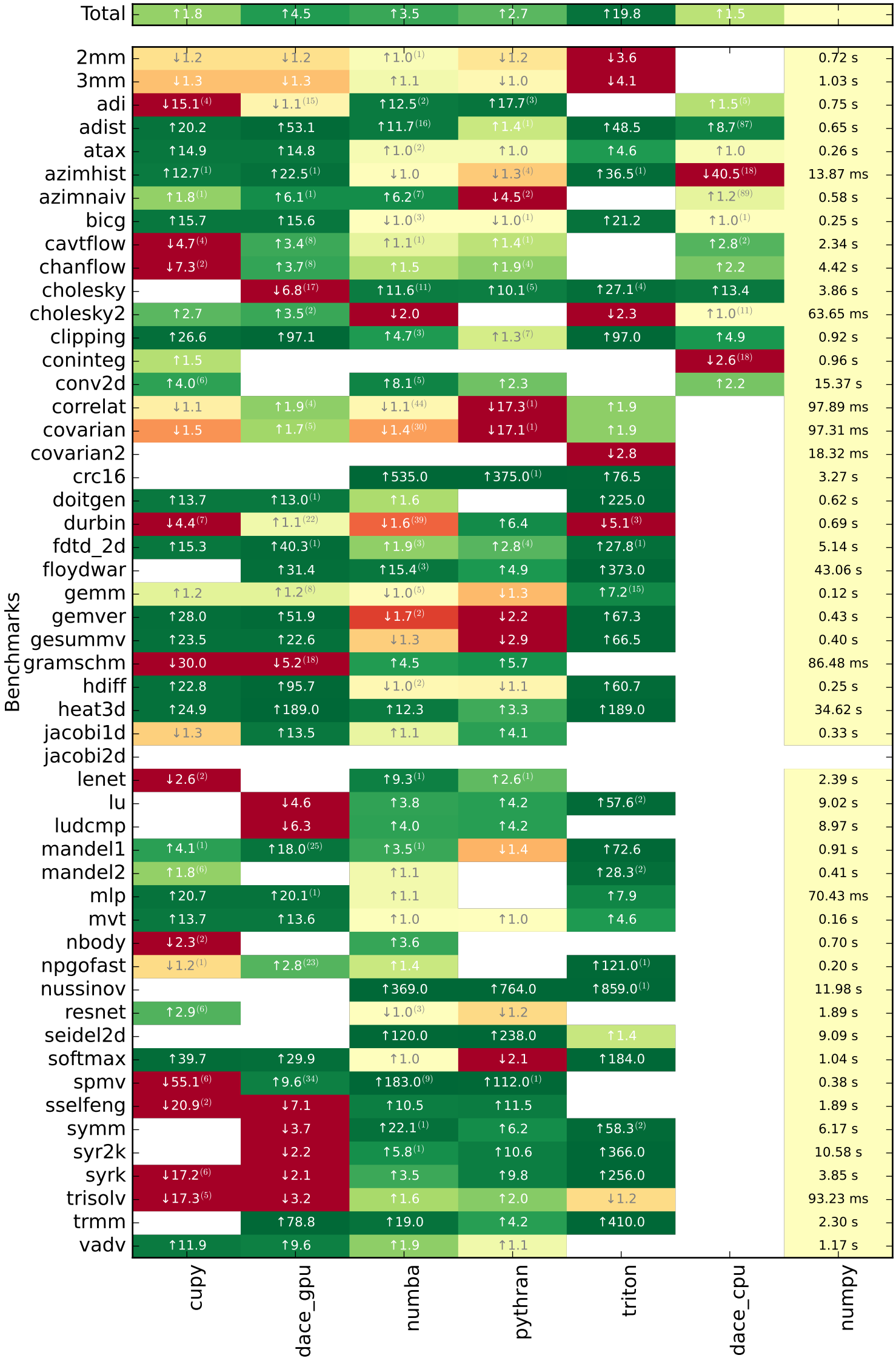
Total
↑1.8
↑4.5
↑3.5
↑2.7
↑19.8
↑1.5
Benchmarks
2mm ↓1.2 ↓1.2 ↑1.0(1) ↓1.2 ↓3.6 0.72 s
3mm ↓1.3 ↓1.3 ↑1.1 ↓1.0 ↓4.1 1.03 s
adi ↓15.1(4) ↓1.1(15) ↑12.5(2) ↑17.7(3) ↑1.5(5) 0.75 s
adist ↑20.2 ↑53.1 ↑11.7(16) ↑1.4(1) ↑48.5 ↑8.7(87) 0.65 s
atax ↑14.9 ↑14.8 ↑1.0(2) ↑1.0 ↑4.6 ↑1.0 0.26 s
azimhist ↑12.7(1) ↑22.5(1) ↓1.0 ↓1.3(4) ↑36.5(1) ↓40.5(18) 13.87 ms
azimnaiv ↑1.8(1) ↑6.1(1) ↑6.2(7) ↓4.5(2) ↑1.2(89) 0.58 s
bicg ↑15.7 ↑15.6 ↓1.0(3) ↓1.0(1) ↑21.2 ↑1.0(1) 0.25 s
cavtflow ↓4.7(4) ↑3.4(8) ↑1.1(1) ↑1.4(1) ↑2.8(2) 2.34 s
chanflow ↓7.3(2) ↑3.7(8) ↑1.5 ↑1.9(4) ↑2.2 4.42 s
cholesky ↓6.8(17) ↑11.6(11) ↑10.1(5) ↑27.1(4) ↑13.4 3.86 s
cholesky2 ↑2.7 ↑3.5(2) ↓2.0 ↓2.3 ↑1.0(11) 63.65 ms
clipping ↑26.6 ↑97.1 ↑4.7(3) ↑1.3(7) ↑97.0 ↑4.9 0.92 s
coninteg ↑1.5 ↓2.6(18) 0.96 s
conv2d ↑4.0(6) ↑8.1(5) ↑2.3 ↑2.2 15.37 s
correlat ↓1.1 ↑1.9(4) ↓1.1(44) ↓17.3(1) ↑1.9 97.89 ms
covarian ↓1.5 ↑1.7(5) ↓1.4(30) ↓17.1(1) ↑1.9 97.31 ms
covarian2 ↓2.8 18.32 ms
crc16 ↑535.0 ↑375.0(1) ↑76.5 3.27 s
doitgen ↑13.7 ↑13.0(1) ↑1.6 ↑225.0 0.62 s
durbin ↓4.4(7) ↑1.1(22) ↓1.6(39) ↑6.4 ↓5.1(3) 0.69 s
fdtd_2d ↑15.3 ↑40.3(1) ↑1.9(3) ↑2.8(4) ↑27.8(1) 5.14 s
floydwar ↑31.4 ↑15.4(3) ↑4.9 ↑373.0 43.06 s
gemm ↑1.2 ↑1.2(8) ↓1.0(5) ↓1.3 ↑7.2(15) 0.12 s
gemver ↑28.0 ↑51.9 ↓1.7(2) ↓2.2 ↑67.3 0.43 s
gesummv ↑23.5 ↑22.6 ↓1.3 ↓2.9 ↑66.5 0.40 s
gramschm ↓30.0 ↓5.2(18) ↑4.5 ↑5.7 86.48 ms
hdiff ↑22.8 ↑95.7 ↓1.0(2) ↓1.1 ↑60.7 0.25 s
heat3d ↑24.9 ↑189.0 ↑12.3 ↑3.3 ↑189.0 34.62 s
jacobi1d ↓1.3 ↑13.5 ↑1.1 ↑4.1 0.33 s
jacobi2d
lenet ↓2.6(2) ↑9.3(1) ↑2.6(1) 2.39 s
lu ↓4.6 ↑3.8 ↑4.2 ↑57.6(2) 9.02 s
ludcmp ↓6.3 ↑4.0 ↑4.2 8.97 s
mandel1 ↑4.1(1) ↑18.0(25) ↑3.5(1) ↓1.4 ↑72.6 0.91 s
mandel2 ↑1.8(6) ↑1.1 ↑28.3(2) 0.41 s
mlp ↑20.7 ↑20.1(1) ↑1.1 ↑7.9 70.43 ms
mvt ↑13.7 ↑13.6 ↑1.0 ↑1.0 ↑4.6 0.16 s
nbody ↓2.3(2) ↑3.6 0.70 s
npgofast ↓1.2(1) ↑2.8(23) ↑1.4 ↑121.0(1) 0.20 s
nussinov ↑369.0 ↑764.0 ↑859.0(1) 11.98 s
resnet ↑2.9(6) ↓1.0(3) ↓1.2 1.89 s
seidel2d ↑120.0 ↑238.0 ↑1.4 9.09 s
softmax ↑39.7 ↑29.9 ↑1.0 ↓2.1 ↑184.0 1.04 s
spmv ↓55.1(6) ↑9.6(34) ↑183.0(9) ↑112.0(1) 0.38 s
sselfeng ↓20.9(2) ↓7.1 ↑10.5 ↑11.5 1.89 s
symm ↓3.7 ↑22.1(1) ↑6.2 ↑58.3(2) 6.17 s
syr2k ↓2.2 ↑5.8(1) ↑10.6 ↑366.0 10.58 s
syrk ↓17.2(6) ↓2.1 ↑3.5 ↑9.8 ↑256.0 3.85 s
trisolv ↓17.3(5) ↓3.2 ↑1.6 ↑2.0 ↓1.2 93.23 ms
trmm ↑78.8 ↑19.0 ↑4.2 ↑410.0 2.30 s
vadv ↑11.9 ↑9.6 ↑1.9 ↑1.1 1.17 s
cupy
dace_gpu
numba
pythran
triton
dace_cpu
numpy