Relative speedup compared to Notebook CPU 0.7 AddImagesWeighted3D 4 28 3 8.0 18 AddScalar3D 3 6 8.0 AutoThreshold3D 1.0 4 29 BinaryAnd3D 2 0.5 12 Erode3D 0.9 32 4 FixedThreshold3D-0.6 110 16 Flip3D-0.3 3 33 GaussianBlur3D 0.1 8.0 38 MaximumZProjection-7 4 172 Mean3D 2 42 4 Median3D 25 196 4 Minimum3D-

1.0

0.9

38

48

15

1.0 0.5

Laptop GPU

Workstation CPU

6

17

MultiplyScalar3D-

RadialReslice-

Rotate3D