Relevant Subroutines Speedup ••• UV2000 Galielo cdiaghg cegterg 18 3.0 16 2.5 14 12 2.0 Speedup 1.5 Speedup 10 8 1.0 6 4 0.5 2 0 0.0 32 16 32 64 16 64 12 4 8 12 4 8 number of cores number of cores fft\_scatter h\_psi 7 40 6 5 30 Speedup 50 Speedup & 2 10 32 32 64 16 12 4 16 64 8 12 4 8 number of cores number of cores