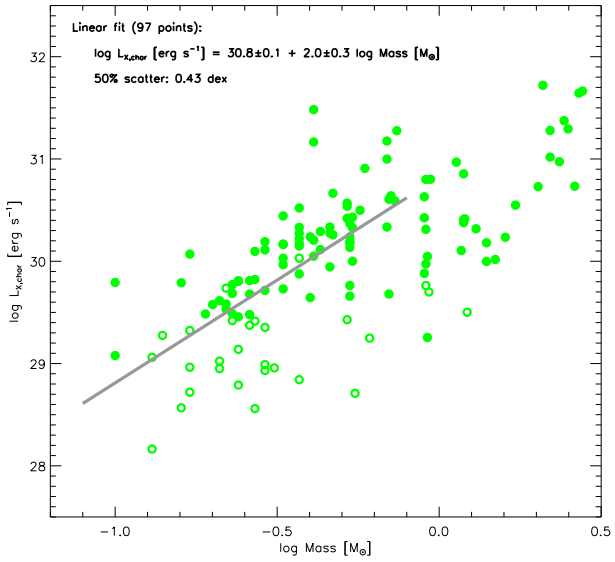
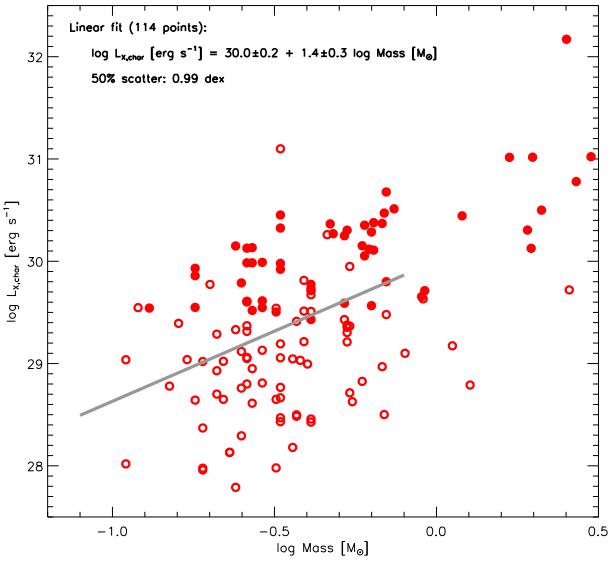

Linear fit (97 points):
log $L_{x,char}$ [erg s^{-1}] = 30.8±0.1 + 2.0±0.3 log Mass [$M_\odot$]
50% scatter: 0.43 dex
log $L_{x,char}$ [erg s^{-1}]
log Mass [$M_\odot$]
32
31
30
29
28
−1.0
−0.5
0.0
0.5


Linear fit (114 points):
log $L_{x,char}$ [erg s^{-1}] = 30.0±0.2 + 1.4±0.3 log Mass [$M_\odot$]
50% scatter: 0.99 dex
log $L_{x,char}$ [erg s^{-1}]
log Mass [$M_\odot$]
32
31
30
29
28
−1.0
−0.5
0.0
0.5