

eBIC Session Report (EPU)

DLS Visit: bi23047-106
BAG (institute): anonymous (anonymous)

EPU session name: Supervisor_20230919_140141_84_bi23047-106_grid1
Movie location: /Volumes/T7/eBIC_backup/dls_backup_visit/m07/data/2023/bi23047-106/raw
Report creation time (user): 2023-12-21 11:51:51 (kyle)

Processed directory: /Volumes/T7/eBIC_backup/dls_backup_visit/m07/data/2023/bi23047-106/processed/raw/fab68314-22ee-4b
Number of pipeline submissions: 2

Number of motion corrected star lines: 2605
Mean motion (A - early / late / total): 5.84 / 20.28 / 26.12
Min motion (A - early / late / total): 0.0 / 0.0 / 0.0
Max motion (A - early / late / total): 274.49 / 239.71 / 514.19

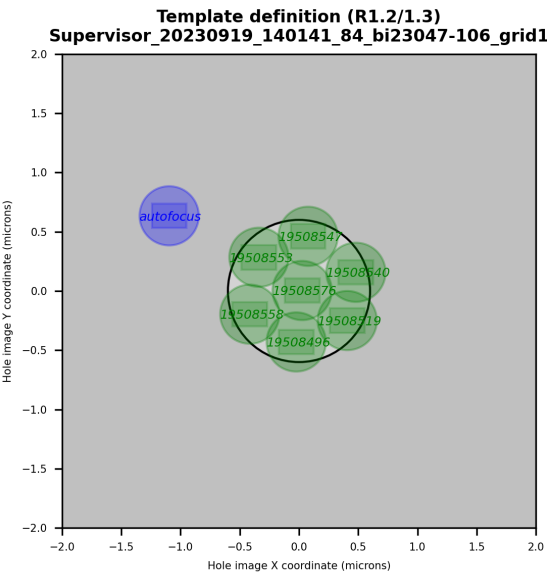
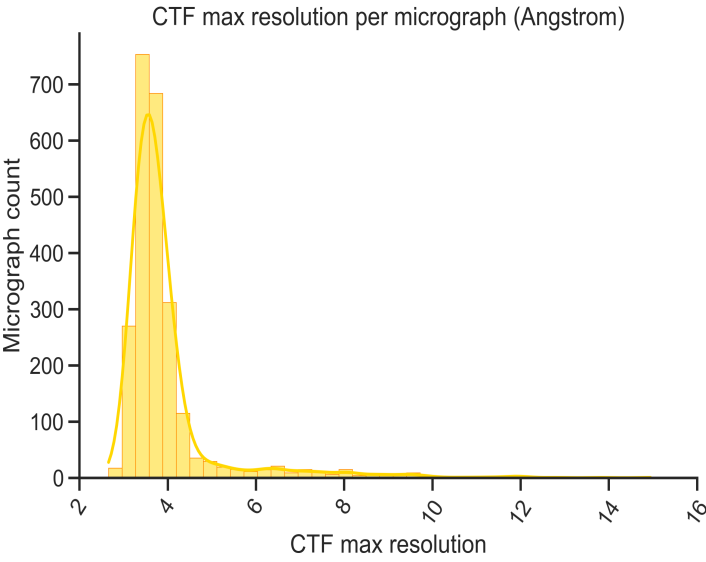
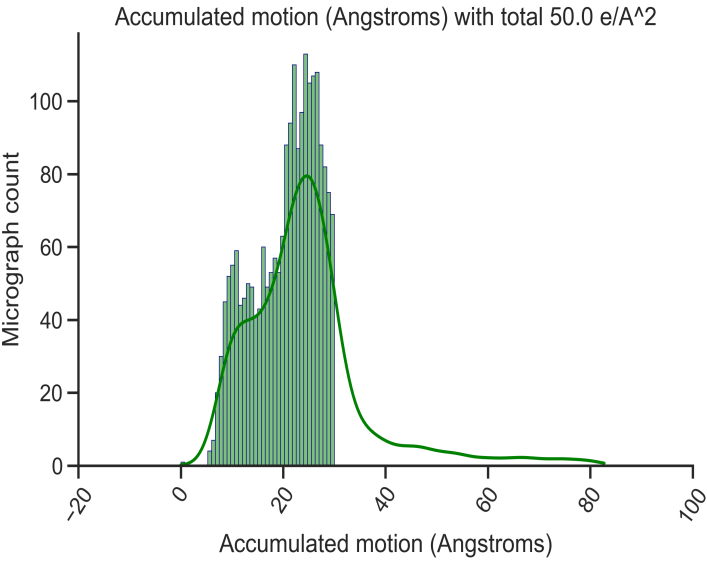
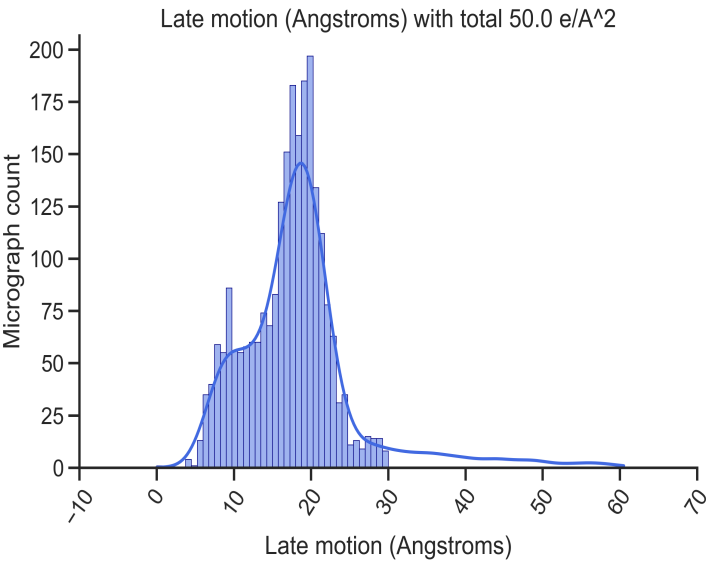
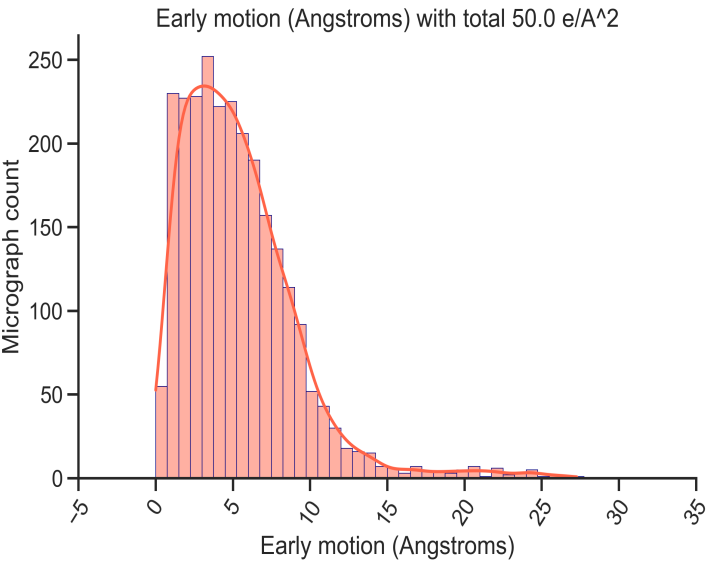
Number of CTFFIND star lines: 2605
Min CTF resolution fit (A): 2.66
Max CTF resolution fit (A): 25.0

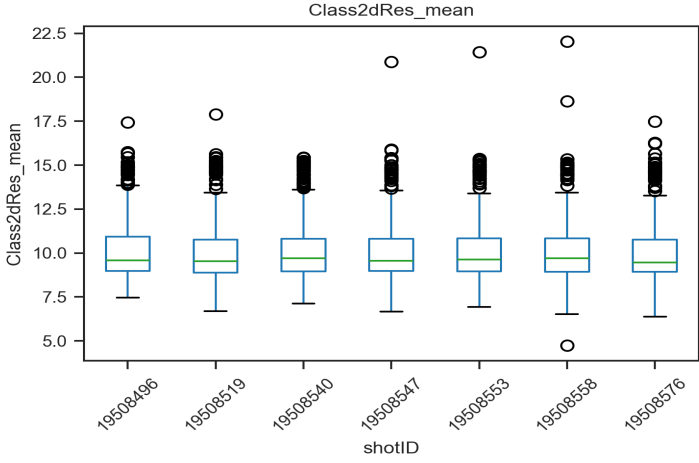
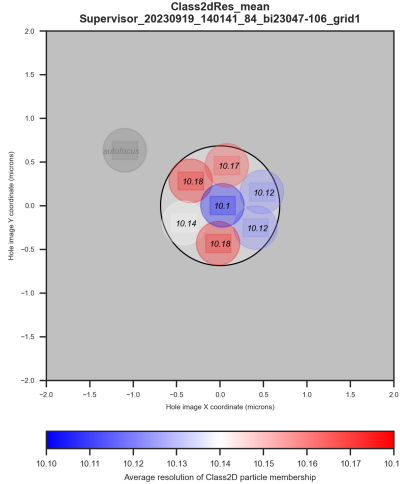
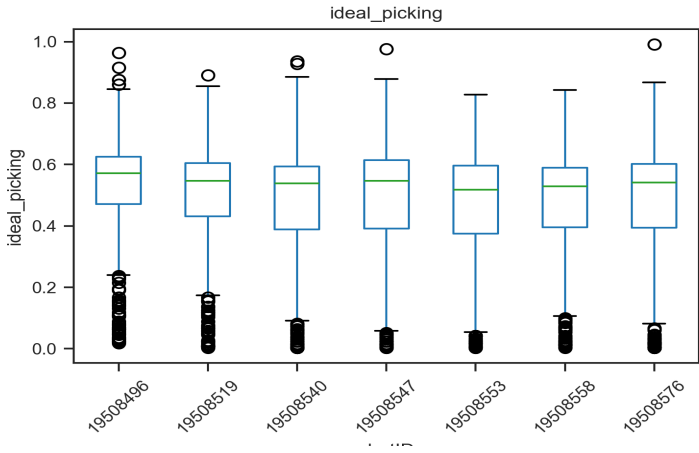
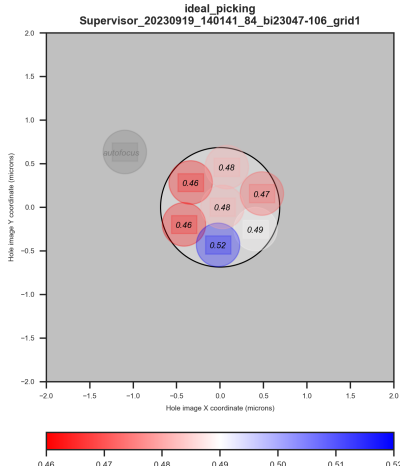
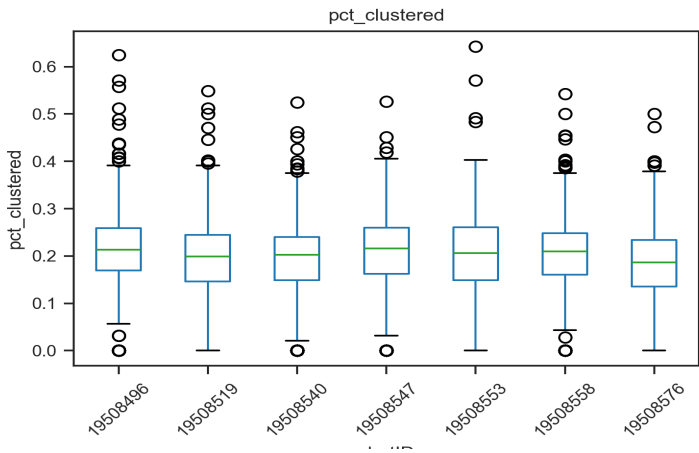
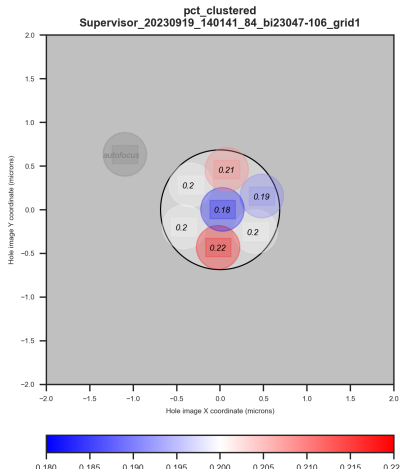
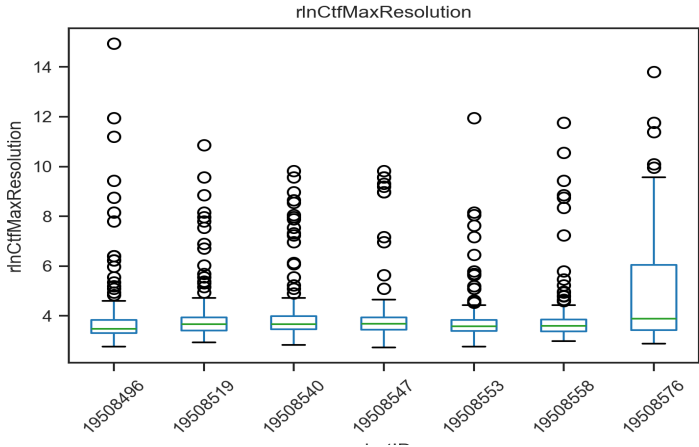
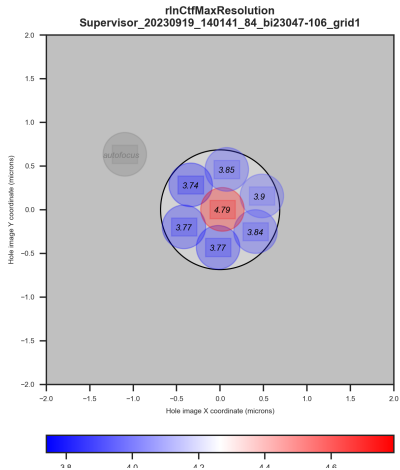
Number of particle star lines: 411806
Minimum pick diameter (ang): 150
Maximum pick diameter (ang): 170
Extracted box (px): 512
Extracted box (ang): 260

Average particles per micrograph: 159.0
StDev particles per micrograph: 66.0
Average particles per micrograph (norm): 0.49
StDev particles per micrograph (norm): 0.2
Average pct of particles per mic in cluster: 0.21
StDev pct of particles per mic in cluster: 0.1

Mask (ang): 136.011
Max probability distribution min: 0.01
Max probability distribution max: 1.0
2D class resolution (min): 4.73
2D class resolution (max): 52.02

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Randomly selected acquisition images and particle picks:

