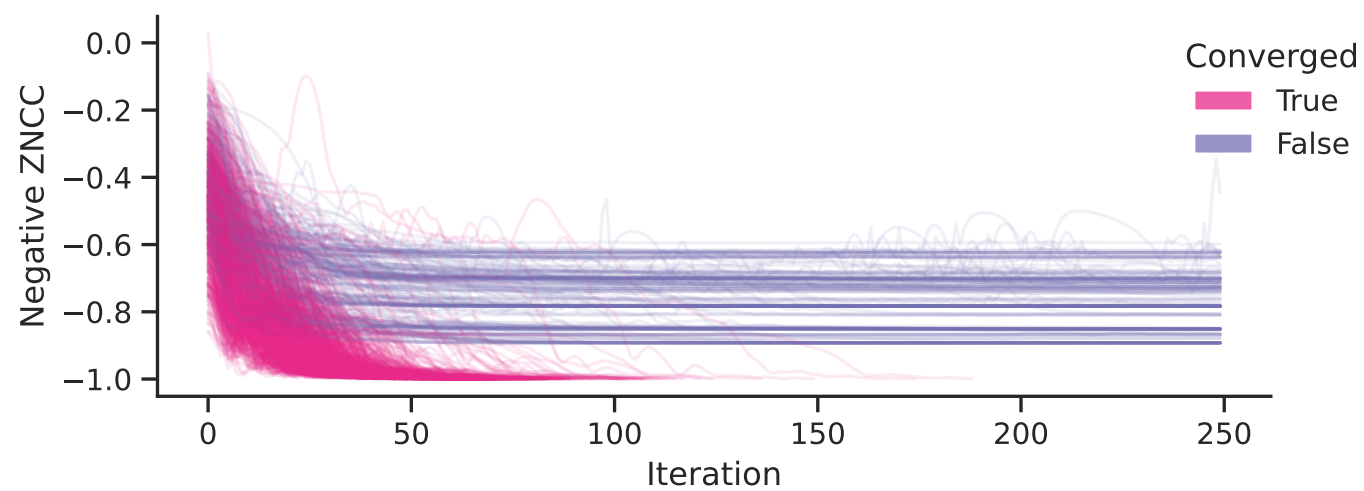
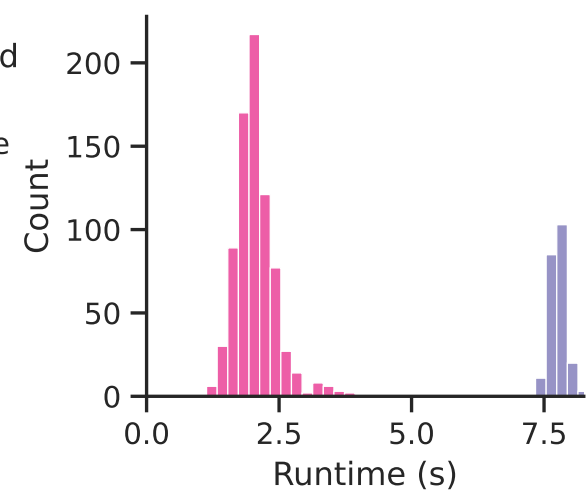


(a) Loss curves for 1000 simulated DRRs



(b) Total optimization time



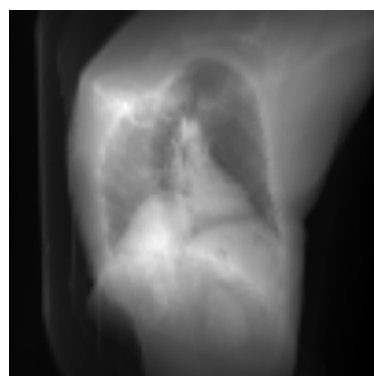
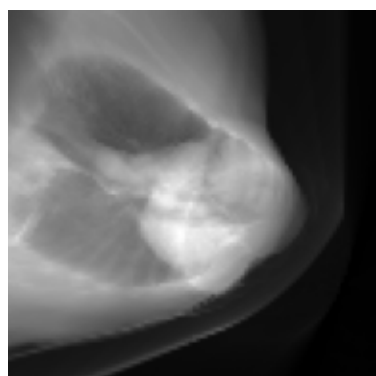
(c) Examples of convergence

Initial Guess
-ZNCC=-0.39

Iteration 20
-ZNCC=-0.78

Iteration 40
-ZNCC=-0.98

Final Guess
-ZNCC=-1.00

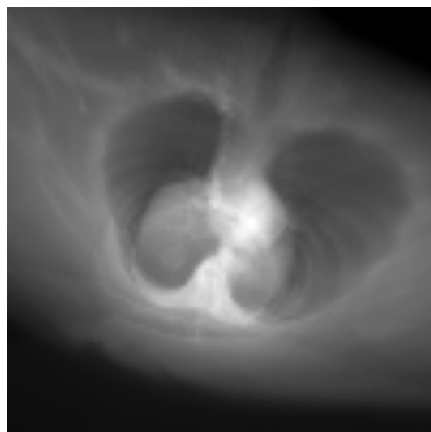


Initial Guess
-ZNCC=-0.47

Iteration 20
-ZNCC=-0.55

Iteration 40
-ZNCC=-0.76

Final Guess
-ZNCC=-1.00



(d) Failure to converge

Initial Guess
-ZNCC=-0.47

Iteration 20
-ZNCC=-0.80

Iteration 40
-ZNCC=-0.85

Final Guess
-ZNCC=-0.89

