

File = Fake\_databigsnp.tif, delta theta = 1, delta rho = 1, SNR = 25.

Only LM solver

Black: Fake data line parameters.

Red: Detection. (Gaussian masks determined by program was used)

StartX: 147.994 StartY: 32.8812 EndX: 167.9939 EndY :45.98487

Length 23.91038

StartX:147.892048 StartY:32.74338 EndX:168.10590 EndY: 46.21751

Length: 24.29304

Error : StartX = 0.102, StartY = 0.1378, EndX = 0.11, EndY = 0.23263 , Length = 0.383

StartX : 92.8676 StartY : 5.4997 EndX : 112.8676 EndY : 21.13153

Length 25.38412

StartX:92.4243 StartY:4.75092 EndX:113.0957 EndY: 21.596238

Length: 26.665951

Error : StartX = 0.443, StartY = 0.748, EndX = 0.228, EndY = 0.4647 , Length = 1.281

StartX: 46.9581 StartY: 73.9193 EndX: 66.95812 EndY :78.34778

Length 20.4844

StartX:45.90089 StartY:73.35324 EndX:67.838 EndY: 78.6050

Length: 22.557212

Error : StartX = 1.057, StartY = 0.566, EndX = 0.88, EndY = 0.257 , Length = 2.07

StartX: 106.0607 StartY: 183.0128 EndX: 126.0607 EndY :184.7074

Length 20.07166

StartX:105.823478 StartY:182.9577 EndX:127.23519 EndY: 184.9154

Length: 21.501

Error : StartX = 0.237, StartY = 0.055, EndX = 1.17 EndY = 0.21, Length = 1.43

StartX: 41.379541 StartY: 80.073 EndX: 61.37954 EndY : 94.4024

Length 24.6033

StartX:40.8287 StartY:79.5685 EndX:61.9522310 EndY: 94.786867

Length: 26.03462

Error : StartX = 0.55, StartY = 0.504, EndX = 0.5732, EndY = 0.384 , Length = 1.43

StartX: 100.599 StartY: 47.243269 EndX: 120.5994 EndY :50.00073  
Length 20.18919

StartX:99.49188 StartY:46.90052 EndX:121.91629 EndY: 50.298727  
Length: 22.6804

Error : StartX = 1.1, StartY = 0.343, EndX = 1.31, EndY = 0.298 , Length = 2.5

StartX: 7.79435 StartY: 33.1048 EndX: 27.7944 EndY :52.91969  
Length 28.1536

StartX:7.798917467 StartY:32.84567 EndX:28.362431 EndY: 54.06972  
Length: 29.551954

Error : StartX = 0.045, StartY = 0.2591, EndX = 0.568, EndY = 1.15 , Length = 1.4

StartX: 45.3096 StartY: 158.025 EndX: 65.3096 EndY :176.277  
Length 27.07645

StartX:45.1301862 StartY:157.597135 EndX:65.71355 EndY: 177.01157  
Length: 28.29479

Error : StartX = 0.179, StartY = 0.428, EndX = 0.404, EndY = 0.735 , Length = 1.218

StartX: 55.34645 StartY: 40.82695 EndX: 75.3464 EndY :56.43092  
Length 25.36698

StartX:54.600855 StartY:39.93147 EndX:76.10672 EndY: 57.25168  
Length: 27.613254

Error : StartX = 0.745, StartY = 0.895, EndX = 0.76, EndY = 0.8206 , Length = 2.24