

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

Black: Fake data line parameters.

Red: Detection. (Two Gaussian mask for no noise data Three Gaussian mask was used)

StartX: 147.99397954559853 StartY: 32.88119775551587

EndX: 167.99397954559853 EndY :45.984869141998246

Slope: 0.6551835693241188 Intercept: -64.08202600165001 Length 23.91037857928889

StartX:148.57034758403893 StartY:33.230187518411704

EndX:167.05663622210585 EndY: 45.40912155744852

Slope: 0.658809038281377 Intercept :-64.6493002905589 Length: 22.1375089370311

StartX: 92.8676372377067 StartY: 5.499718994655133

EndX: 112.8676372377067 EndY :21.131534922414605

Slope: 0.7815907963879736 Intercept: -67.08477155263347 Length 25.384122383871276

StartX:93.25432937739382 StartY:5.814273923203574

EndX:112.55417599669258 EndY: 20.728945886738835

Slope: 0.7727870722361817 Intercept :-66.25146624970114 Length: 24.391218077585272

StartX: 46.95812894108671 StartY: 73.9193397629198

EndX: 66.95812894108671 EndY :78.3477854435783

Slope: 0.2214222840329249 Intercept: 63.52176359887179 Length 20.484411906289694

StartX:47.36538298094715 StartY:74.02588242574758

EndX:66.41273600546367 EndY: 78.30611271811246

Slope: 0.22471522876987904 Intercept :63.38215955341111 Length: 19.522346902876112

StartX: 106.06073273206955 StartY: 183.01279696011633

EndX: 126.06073273206955 EndY :184.70741244170682

Slope: 0.08473077407952445 Intercept: 174.02618897628653 Length 20.071664645226768

StartX:107.25541561132654 StartY:183.07581370011005

EndX:125.69912889030206 EndY: 184.63743576418005

Slope: 0.0846696129162961 Intercept :173.99453917712256 Length: 18.509706183190705

StartX: 41.379541842397856 StartY: 80.073242656372  
EndX: 61.379541842397856 EndY :94.4024072043764  
Slope: 0.71645822740022 Intercept: 50.4265294573344 Length 24.6033525488659

StartX:42.16873360330319 StartY:80.62477751486536  
EndX:60.98342946181983EndY: 94.13564501580144  
Slope: 0.7181018286203266 Intercept :50.34333280372992 Length: 23.16325367638006

StartX: 100.59945184657138 StartY: 47.24326969725762  
EndX: 120.59945184657138 EndY :50.00073903143623  
Slope: 0.1378734667089308 Intercept: 33.37327452215267 Length 20.18919604959384

StartX:101.70161441024179 StartY:47.23323700743541  
EndX:120.432058548702 EndY: 50.08852869557095  
Slope: 0.15244121639767289 Intercept :31.729719197131057 Length: 18.94682633710233

StartX: 7.794350587783296 StartY: 33.10481325801554  
EndX: 27.794350587783295 EndY :52.91969866168526  
Slope: 0.990744270183486 Intercept: 25.38260507336795 Length 28.153679751687225

StartX:8.187095407529556 StartY:33.64262946046993  
EndX:28.237927552105937 EndY: 53.13628005217957  
Slope: 0.9722115496828668 Intercept :25.683040746914134 Length: 27.964947399944084

StartX: 45.30959973137538 StartY: 158.02503112977763  
EndX: 65.30959973137539 EndY :176.27699530569882  
Slope: 0.912598208796059 Intercept: 116.67557157365806 Length 27.07645095427225

StartX:45.89781929140556 StartY:158.71172727059135  
EndX:65.03228034641903EndY: 176.01991624532076  
Slope: 0.9045558651987453 Intercept :117.19458563071834 Length: 25.801182249090285

StartX: 55.346451860313366 StartY: 40.826958488144356  
EndX: 75.34645186031337 EndY :56.4309289796462  
Slope: 0.780198524575092 Intercept: -2.354261593738485 Length 25.366984351705273

StartX:55.84454551482517 StartY:41.24291527178526  
EndX:75.23010100649738 EndY: 56.425702209439756  
Slope: 0.7832010253292372 Intercept :-2.4945900344710736 Length: 24.62350058206417