

KIC10979716 — Detrending Diagnostic

Dataset

Kepler (KIC)

System

KIC10979716

Figure: KIC10979716_TutorialKeplerInjection10979716_deepestPoints.png

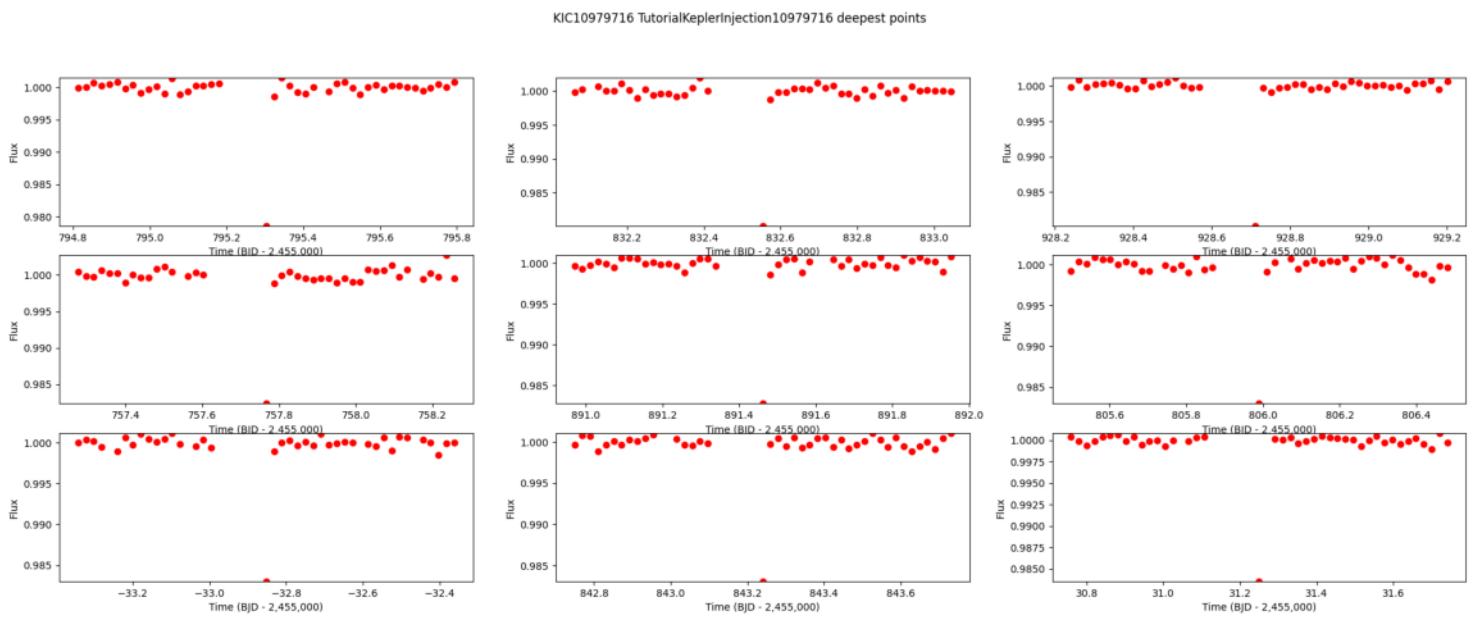


Figure: KIC10979716_TutorialKeplerInjection10979716_hookGaps.png

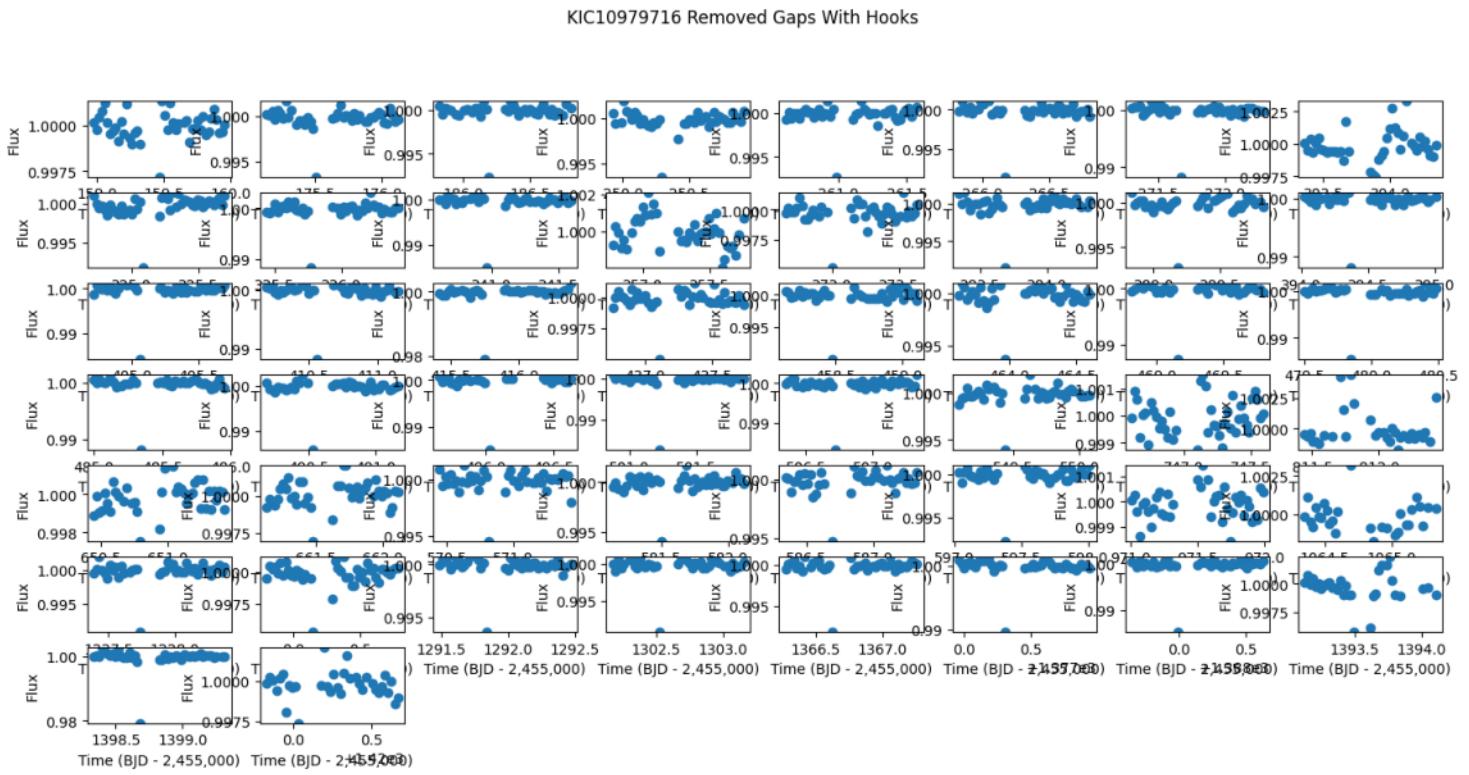


Figure: KIC10979716_TutorialKeplerInjection10979716_hookJumps.png

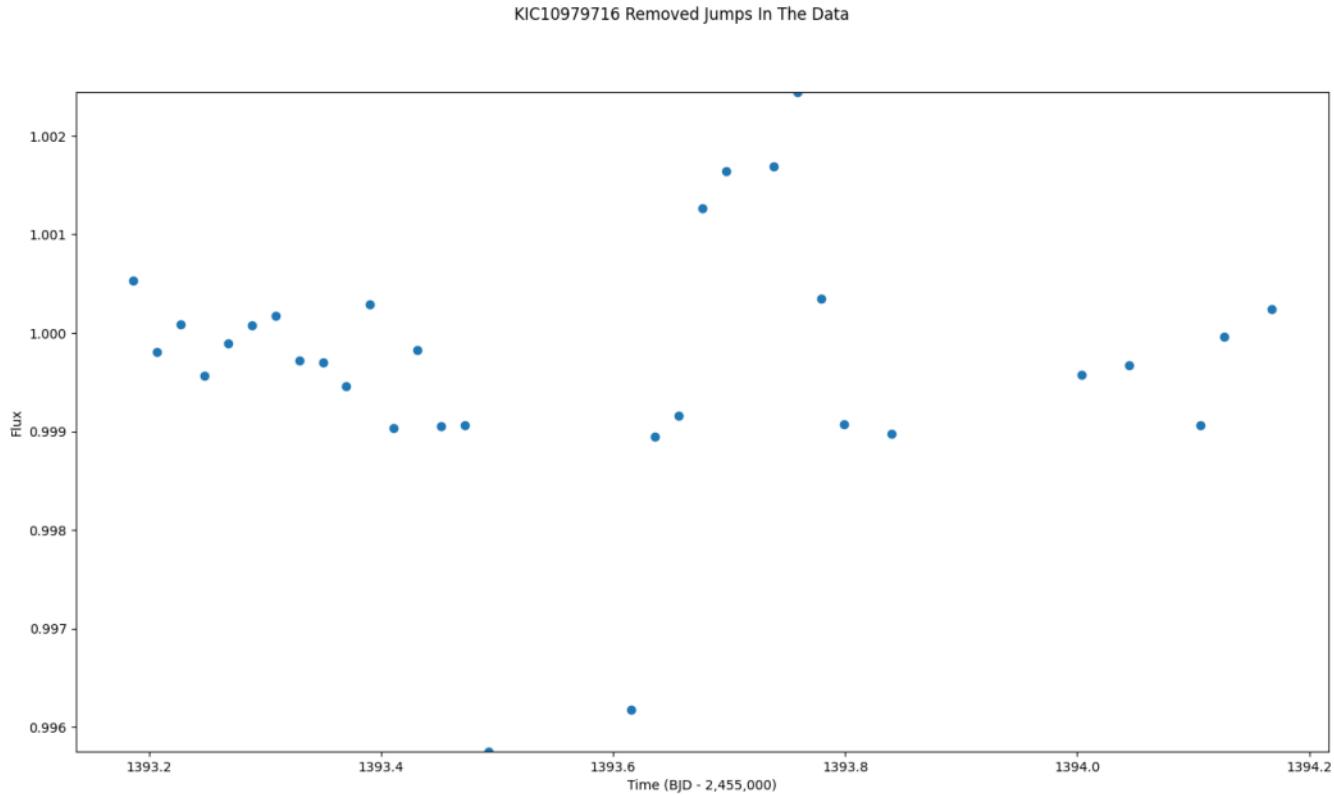


Figure: KIC10979716_TutorialKeplerInjection10979716_potentialLedges.png

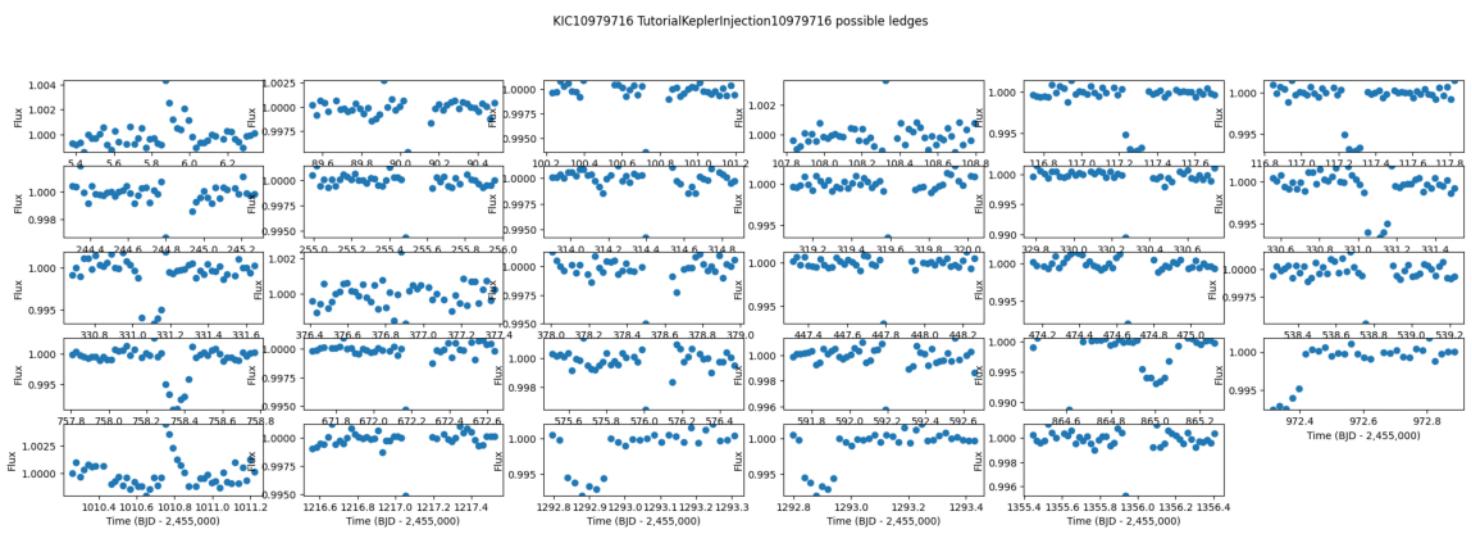


Figure: KIC_10979716_phase_folded_original_data.png

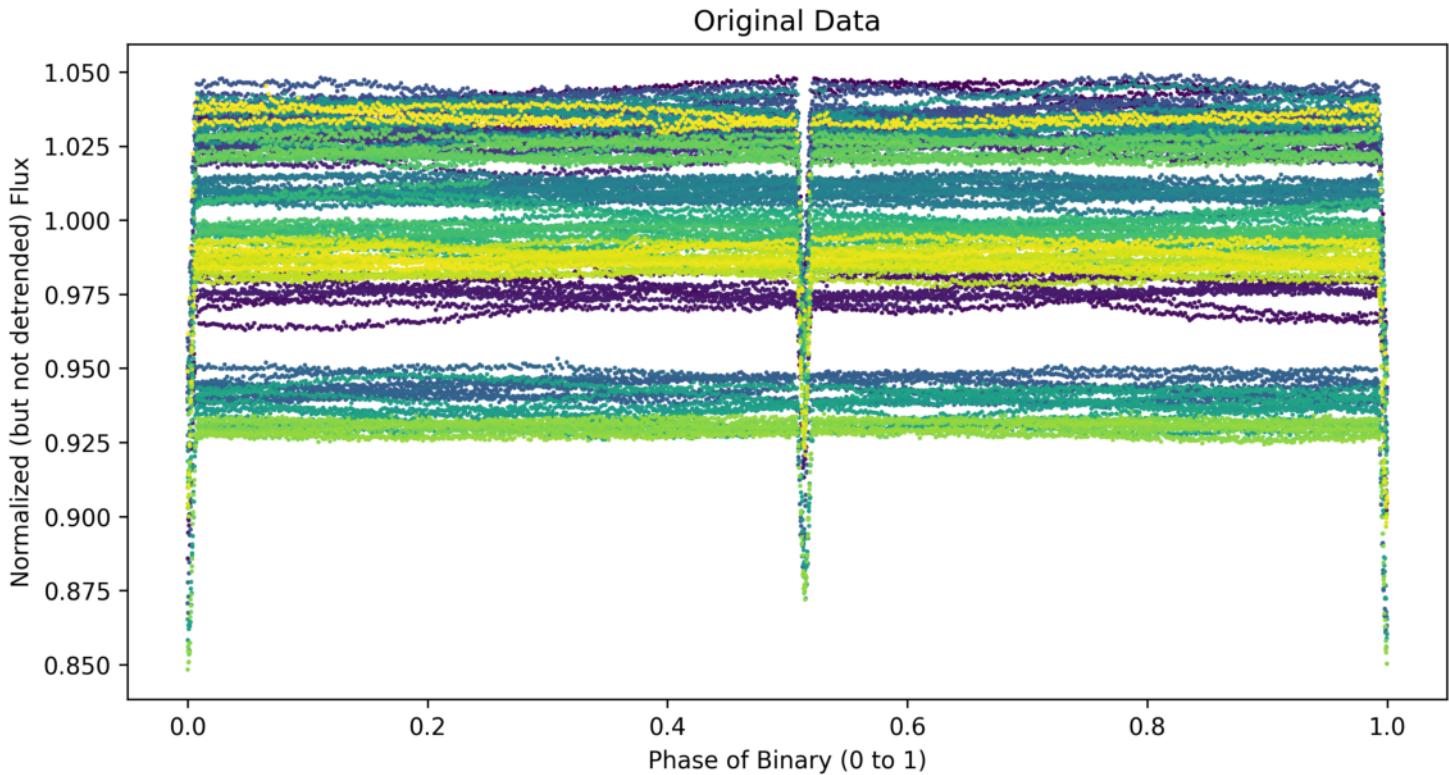


Figure: KIC_10979716_TutorialKeplerInjection10979716_detrendingStages.png

KIC_10979716 TutorialKeplerInjection10979716 Different Detrending Stages

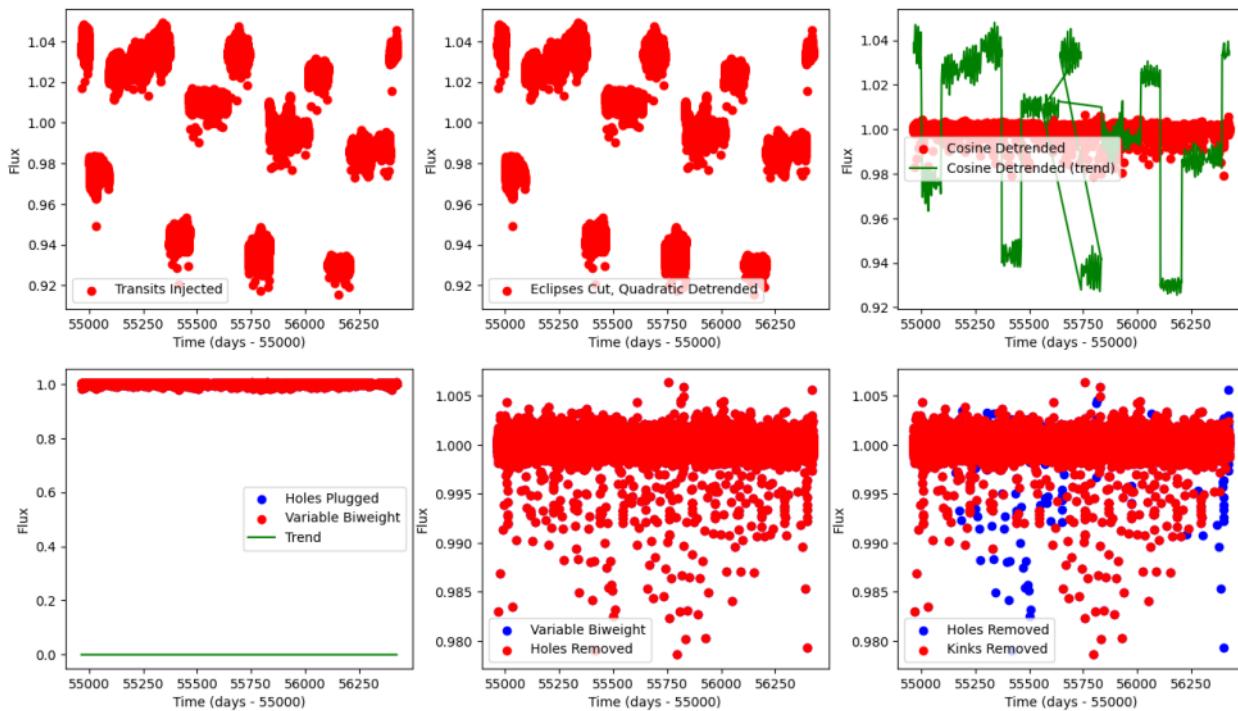


Figure: KIC_10979716_TutorialKeplerInjection10979716_periodograms.png

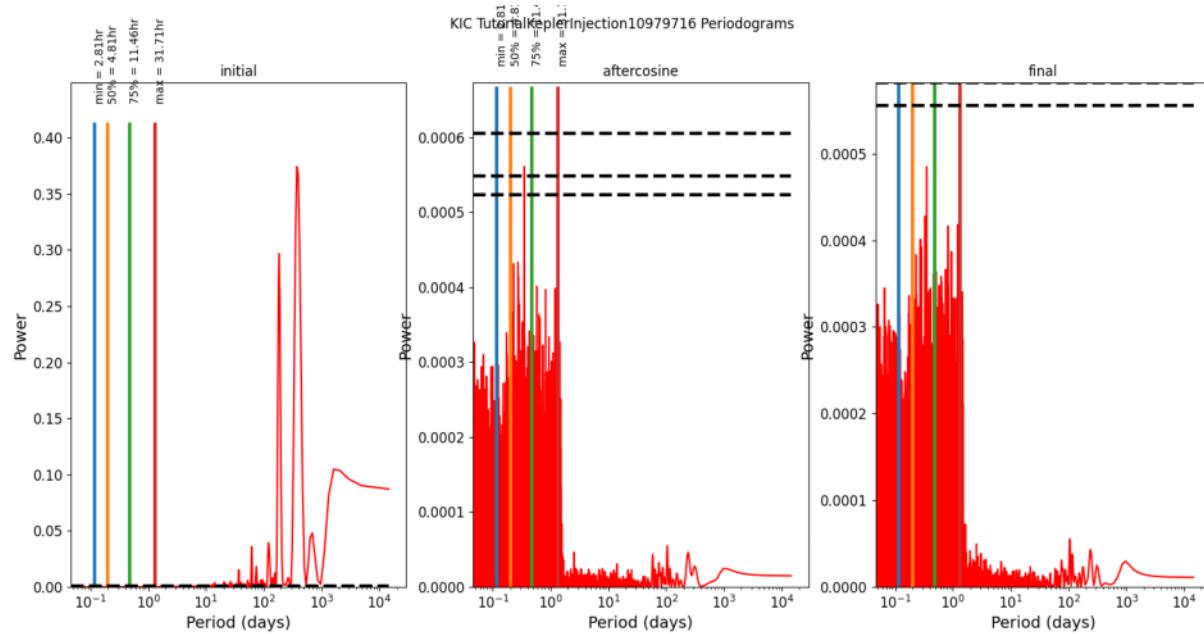
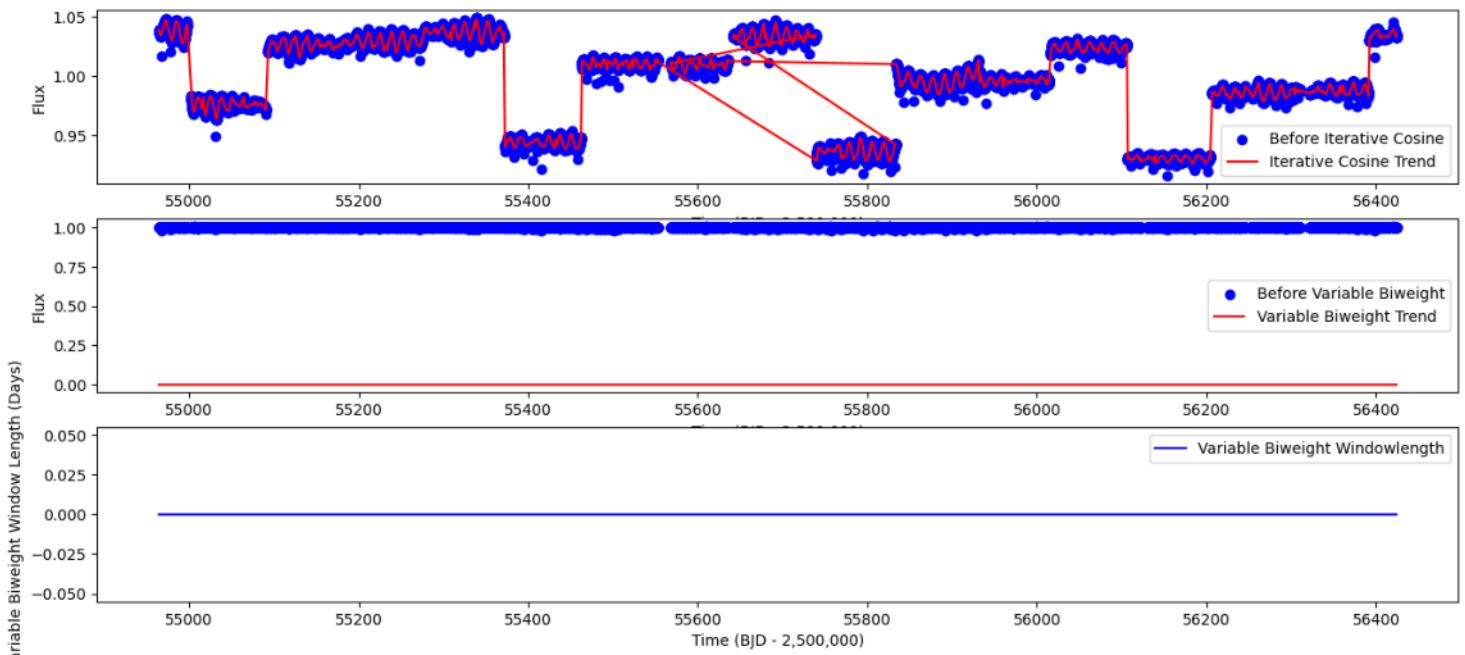


Figure: KIC_10979716_TutorialKeplerInjection10979716_trends.png



Binary Starting Parameters

Binary Starting Parameters (CSV)

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{  
    "mA (mSun)": "0.6904611821",  
    "mB (mSun)": "0.5441387705",  
    "RA (RSun)": "0.6829324536",  
    "RB (RSun)": "0.5952657665",  
    "bjd0 (Days - 2550000)": "-32.91774099999748",  
    "theta (deg)": "5.059472090237313",  
    "Pbin (days)": "10.684056399999982",  
    "ecc": "0.041859727312361136",  
    "omega (deg)": "301.4396940854093"  
}
```

Source file

LightCurves\Processed\TutorialKeplerInjection10979716\KIC_10979716_TutorialKeplerInjection10979716_binaryStart