Properties and formation of eclipsing binary pulsars

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Black widows vs redbacks: sequence?

Galactic field vs globular clusters
CDF of MinMass for BW

two-sample K-S test results

$N_{BW,GC} = 18$
$N_{BW,field} = 17$

$D = 0.248$
$p = 0.588$
CDF of PB for BW

two-sample K-S test results

\[ \text{field} \]

\[ \text{GC} \]

\[ N_{BW,GC} = 18 \]
\[ N_{BW,field} = 17 \]

\[ D = 0.471 \]
\[ p = 0.027 \]
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- second black widow
- eclipses
- optical detection of the companion
- orbital variability
0.88!
Thank you for your attention