

## GammaLib - Bug #1432

### GCTAPsfKing has undefined behavior when psf parameters are 0.0

03/03/2015 01:18 PM - Kelley-Hoskins Nathan

<b>Status:</b>	Closed	<b>Start date:</b>	03/03/2015
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assigned To:</b>	Kelley-Hoskins Nathan	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.0.0		
<b>Description</b>			
In GCTAPsfKing, if the read-in gamma/sigma parameters are 0, due to either low statistics or bad fitting, then update() or operator() may attempt to divide by zero.			

#### History

##### #1 - 03/03/2015 02:13 PM - Kelley-Hoskins Nathan

- Status changed from New to Pull request
- % Done changed from 0 to 100

In branch 1432-fix\_psf\_king\_zero\_params, added a check for if the king parameters gamma and sigma are zero. If they are, give a warning message, and set the normalization to zero.

##### #2 - 03/09/2015 01:07 PM - Mayer Michael

Jürgen, could you merge that in?

##### #3 - 03/09/2015 01:56 PM - Knödlseher Jürgen

- Status changed from Pull request to Closed
- Target version set to 1.0.0

Merged into devel.