

## GammaLib - Bug #2838

### Error in nbgd calculation for wstat

02/13/2019 05:23 PM - Tibaldo Luigi

<b>Status:</b>	Closed	<b>Start date:</b>	02/13/2019
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assigned To:</b>	Knödlseider Jürgen	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.6.0		

#### Description

In GCTAOnOffObservation, wstat\_value, line 3272, currently reads

```
nbgd = 0;
```

It should be instead

```
nbgd = noff/alphap1;
```

The likelihood and gradients are calculated correctly, but this may have an impact on the calculation of residuals.

#### History

##### #1 - 03/06/2019 12:52 PM - Knödlseider Jürgen

- Project changed from ctools to GammaLib
- Target version deleted (1.6.0)

##### #2 - 03/06/2019 01:56 PM - Knödlseider Jürgen

- Subject changed from error in nbgd calculation for wstat to Error in nbgd calculation for wstat
- Status changed from New to In Progress
- Assigned To set to Knödlseider Jürgen
- Target version set to 1.6.0
- % Done changed from 0 to 100

The code was modified according to the suggestion.

##### #3 - 03/21/2019 04:51 PM - Knödlseider Jürgen

- Status changed from In Progress to Closed