

ctools - Bug #2883

csresspec does not work correctly for per observation background model in stacked mode for On/Off observations

05/05/2019 11:47 AM - Knödseder Jürgen

Status:	Closed	Start date:	05/05/2019
Priority:	Normal	Due date:	
Assigned To:	Knödseder Jürgen	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	1.6.0		
Description			
When running csresspec in stacked mode for On/Off observations with a background model per observation the script overestimates the background.			
The reason is that csresspec stacks the observations in the run() method, but then uses the original model container, effectively adding each background model component for the stacked observation. We need to stack differently after computing the source and model components, so that the models are correctly taken into account.			

History

#1 - 05/06/2019 09:22 AM - Knödseder Jürgen

- Status changed from New to Pull request
- Assigned To set to Knödseder Jürgen
- % Done changed from 0 to 100

Instead of stacking the observations the residuals are now stacked, allowing to use observation specific models in the computation.

The code was moved to the integration branch.

#2 - 05/06/2019 06:05 PM - Knödseder Jürgen

- Status changed from Pull request to Closed

Merged into devel.