



esprep_mosaic_time

November 4, 2014

Abstract

This task examines the *SUM.SAS and *ATS.FIT files to separate the multiple subpointings of a mosaic-mode observation. The output of this task is used by *esprep_mosaic* to make event files usable by the ESAS package.

1 Instruments/Modes

Instrument	Mode
EPIC	Imaging

2 Use

pipeline processing	no
interactive analysis	yes

3 Description

esprep_mosaic_time examines the *SUM.SAS and *ATS.FIT files to separate the multiple subpointings of a mosaic-mode observation. The output of this task is used by *esprep_mosaic* to make event files usable by the ESAS package based on the individual event lists for the separate subpointings created by *emosaic_prep*.

Warning and requirements:

4 Parameters

This section documents the parameters recognized by this task (if any).

Parameter	Mand	Type	Default	Constraints
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atsfile	yes	string		
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Input ODF *ATS.FIT file.



<code>sasfile</code>	<code>yes</code>	<code>string</code>		
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Input summary ODF *SUM.SAS file created by odfingerst.

5 Input Files

*ATS.FIT file from the ODF directory.

*SUM.SAS file created by the odfingerst task.

6 Output Files

mosaic-times.txt: Ascii file with ordered triplets of subpointing RA, Dec, and position angle. These parameters are used as input for esprep_mosaic.

7 Algorithm

8 Comments

References