esprep_mosaic_time

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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
atsfile	yes	string		

Input ODF *ATS.FIT file.

sasfile	yes	string		

Input summary ODF *SUM.SAS file created by odfingest.

5   Input Files

*ATS.FIT file from the ODF directory.

*SUM.SAS file created by the odfingest 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