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*AHELP for CIAO 3.4*

## get\_analysis

Context: [sherpa](#)

*Jump to:* [Description](#) [Example](#) [Bugs](#) [See Also](#)

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### Synopsis

Module function to retrieve the current analysis setting.

### Syntax

```
String_Type get_analysis([Integer_Type])  
  
Error Return Value: NULL  
  
Arguments:  
  
(1) data set number (default 1)
```

### Description

The `get_analysis()` function retrieves a string indicating the analysis setting for the specified dataset. The possible return values are "bin" (equivalent to ANALYSIS CHANNELS), "keV" (equivalent to ANALYSIS ENERGY), "Ang" (equivalent to ANALYSIS WAVE), "eV", "MeV", "nm", and "Hz".

### Example

```
sherpa> data example.pha  
sherpa> instrument = rsp[a](example.rmf,example.arf)  
sherpa> get_analysis()  
keV  
sherpa>
```

### Bugs

See the [Sherpa bug pages](#) online for an up-to-date listing of known bugs.

## See Also

*chandra*

[guide](#)

*sherpa*

[get arf axes](#), [get axes](#), [get coord](#), [get data](#), [get energy axes](#), [get errors](#), [get filter](#), [get filter expr](#),  
[get fit](#), [get fluxed spectrum](#), [get ftest](#), [get metadata](#), [get photon axes](#), [get photon energy axes](#),  
[get photon wave axes](#), [get qvalue](#), [get raw axes](#), [get record](#), [get source](#), [get statistic](#), [get stats](#),  
[get syserrors](#), [get wave axes](#), [get weights](#), [record](#), [save](#), [write](#)

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URL:  
[http://cxc.harvard.edu/ciao3.4/get\\_analysis.html](http://cxc.harvard.edu/ciao3.4/get_analysis.html)  
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