



AHELP for CIAO 3.4

## set\_ignore\_bad

Context: [sherpa](#)

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### Synopsis

Module functions for ignoring bad (quality > 0) channels.

### Syntax

```
Integer_Type set_ignore_bad([Integer_Type])
Integer_Type set_signore_bad([Integer_Type])
Integer_Type set_bignore_bad([Integer_Type])

Success/Error Return Values: 1/0

Arguments:

(1) Dataset number (default 1)
```

### Description

The commands `set_ignore_bad`, `set_signore_bad`, and `set_bignore_bad` allow the user to ignore bad quality (quality > 0) channels in both source and background datasets, a source dataset, or a background dataset respectively. These functions have no impact if the data quality has not been defined, either within a column of a PHA dataset or via the `READ QUALITY` command.

See the related Sherpa commands `NOTICE` and `IGNORE` for more information.

### Example

Read in a PHA file; ignore the bad channels:

```
sherpa> () = load_dataset(1,"example.pha")
sherpa> f = get_filter()
sherpa> print(length(where(f>0)))
95                                     # 95 noticed bins
sherpa> set_ignore_bad
1
sherpa> f = get_filter()
```

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```
sherpa> print(length(where(f>0)))  
80 # now only 80 noticed bins
```

## Bugs

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

## See Also

*sherpa*

[analysis](#), [get\\_groups](#), [ignore](#), [notice](#), [set\\_filter](#), [set\\_groups](#), [set\\_ignore](#), [set\\_ignore2d](#), [set\\_ignore\\_all](#),  
[set\\_notice](#), [set\\_notice2d](#), [set\\_notice\\_all](#)

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URL:  
[http://cxc.harvard.edu/ciao3.4/set\\_ignore\\_bad.html](http://cxc.harvard.edu/ciao3.4/set_ignore_bad.html)  
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