GROMACS - Bug #2120

**gmx do_dssp scount.xvg labels a probability as percent when it is not**

02/09/2017 08:48 PM - Chris Neale

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
</tr>
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<tbody>
<tr>
<td>Priority:</td>
<td>Low</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Mark Abraham</td>
</tr>
<tr>
<td>Category:</td>
<td>analysis tools</td>
</tr>
<tr>
<td>Target version:</td>
<td>2016.3</td>
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<tr>
<td>Affected version - extra info:</td>
<td>5.1.2</td>
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</table>

**Description**

The `-sc scount.xvg` output from `gmx do_dssp` in gmx version 5.1.2 has a final line listing

```
# SS % ... 
```

when in fact the numbers sum to 1 and not 100. Since this has existed for a long time (see for example the pasted text from `scount.xvg` in [https://redmine.gromacs.org/issues/683](https://redmine.gromacs.org/issues/683) ) it probably makes sense to stick with the probabilities by change the comment from "# SS %" to "# SS prob."

**Associated revisions**

Revision 12e29c82 - 02/10/2017 02:21 PM - Mark Abraham

Corrected output of gmx do_dssp -sc

This code has always written a probability, and not a percentage, so fixed the label. It still fits within the expected 8-character field.

Fixes #2120

Change-Id: lc3256a3942b2f2375e9f4c0771bbe3afe682acf4

**History**

#1 - 02/10/2017 02:22 PM - Gerrit Code Review Bot

Gerrit received a related patchset '1' for Issue #2120.
Uploader: Mark Abraham ([mark.j.abraham@gmail.com](mailto:mark.j.abraham@gmail.com))
Change-Id: gromacs~release-2016~lc3256a3942b2f2375e9f4c0771bbe3afe682acf4
Gerrit URL: [https://gerrit.gromacs.org/6469](https://gerrit.gromacs.org/6469)

#2 - 02/10/2017 02:23 PM - Mark Abraham

- Category set to analysis tools
- Assignee set to Mark Abraham
- Target version set to 2016.3

Thanks for the report. I did something similar that honours the way things seem to be laid out to fit in 8-character width, so "pr." rather than "prob."

#3 - 02/14/2017 08:17 PM - Mark Abraham

- Status changed from Fix uploaded to Resolved

Applied in changeset 12e29c829e96353092ea7bdb37faf7122f4e19a.

#4 - 03/09/2017 03:47 PM - Mark Abraham

- Status changed from Resolved to Closed