3 A section
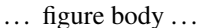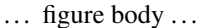
3.1 A subsection

Text before is referenced as '3.1'.

... figure body ...

Figure 1: First caption

... figure body ...

Figure 2: Second caption

The labels are: 'before' (3.1),
'fig:in1' (3.1) – bad, 'fig:in2' (1),
'fig:in3' (2), 'fig:in4' (3.1) – bad
and 'after' (3.1) – probably bad!