Common Mistakes

Major

- No estimate of uncertainties and no explanations about how they are calculated.

- Writing physical quantities without units.

- No explanations of the symbols of equations.

- Plots without: axis labels / uncertanty on the fit and data points / legend / caption.

- Writing important concepts in the caption of figures instead of the main text.

- No explanations on the formation of pulsars and radiative processes involved.

- No description of the important concepts of this experiment (why we observe a periodic pulse; how the dispersion measure affects the emitted radiation; what is a dynamic spectrum and what information is in it; what is the de-dispersion and why this step is important etc.).

- Writing the estimated parameters without any discussion of their values (i.e. How do they compare with previous findings? Within how many sigma the values you found agree with other estimates?).

Minor

- No description of the instrument (dish diameter, resolution, observing frequencies, mount...).

- Unclear pictures / plots.

- Wrong order of figures and paragraphs (i.e. Figure 5 put before Figure 1).

- Disorganization of the report, which reflects a poor understanding of the experiment goals.

- Not using a scientific language.