**Exercise 1: Subject verb object**

*Their parameterized* ***model****, using seven bells and whistles, each accompanied by their own chimes****, fit*** *the newly reduced, but still kind of noisy,* ***data*** *well.*

Remove kind of noisy

Their parameterized model fit the newly reduced data. This model uses seven bells and whistles, accompanied by their own chimes. 🡪 “well” missing

The parameterized model fit the reduced, yet still noisy, data well. [ But still need the chimes etc].

The newly reduced data is well fit by their parameterized model, using seven bells and whistles, each accompanied by their own chimes.

**Exercise 2: Commas**

*We are required to write proposals, yet no one teaches us how to write.*

**Exercise 3: Commas and emphasis – what is the difference between the below?**

*CO observations are useful for identifying molecular clouds, and for measuring their velocities*

* Here identifying is the more important point, vs. measuring velocities.

*CO observations are useful for identifying molecular clouds and for measuring their velocities*

--- here identifying and measuring are equally weighted

**Exercise 4: Add commas if appropriate to the below two statements**

“*H2 forms in GMCs because of dust” “Because dust exists in GMCs, H2 can form”*

**Exercise 5: Add commas where appropriate.**

*While I was out, I bought Milk. In addition, I bought cookies.*

**Exercise 6: Commas and parenthetical statements. Add commas:**

*This method, in particular, allowed us to identify the source of the ionization.*

**Exercise 7: Practice editing.**

*Young radio sources (<105 years), are an ideal candidate to study the cold gas in AGN, and the connection between the merger events and the triggering of radio activity.*

What's wrong? :

- don't need the first comma

- list of items not clearly connected - are there three or two??

- radio sources plural vs. singular an ideal

Young radio sources (<10^5 years) are ideal for studying both cold gas in AGN and triggering of radio activity by merger events.

Young radio sources, with their large reservoirs of cold gas, are ideal candidates for studying the connection between merger events and radio activity.

LISTS of clauses

**Exercise 8: Add commas and hyphens:**

*I bought whole, organic milk.*

*I bought non-fat, organic milk. high-res*

*I bought milk, eggs, and quinoa. Oxford Comma*

**Exercise 9: a) Add Semicolons to separate clauses**

*I went to the store and bought milk, which we need for breakfast; eggs, an essential for making cake; and quinoa, because that’s how I roll*.

**b) Modify the sentence again using a colon before the list.**

*I went to the store and bought the following: milk, which we need for breakfast; eggs, an essential for making cake; and quinoa, because that’s how I roll*.

**Exercise 10: Colons and semicolon-separated itemized lists**

*We cannot make this measurement without HST: 1) the sources are too small to resolve from the ground; 2) UV imaging is needed to measure temperature; and 3) we require the PSF to be stable over hour long timescales.*

**Exercise 11: When to avoid Semicolons**

*We observed with HST because we needed high-resolution.*

**Exercise 12: Sequential Clauses**

*This telescope will be used to find**earth-like planets and to characterize their atmospheres.*

**Exercise 13: Fixing Ambiguous Demonstrative Pronouns**

*A basic prediction of CDM galaxy-formation models is the existence of a hot halo of gas accreted from the intergalactic medium around Milky Way-sized galaxies, which forms as infalling gas heated to the virial temperature at an accretion shock.* ***These*** *may provide most of the fuel for long-term star formation.*

This infalling gas

These halos

Gaseous halos

**Exercise 14: Active & Passive Voice**

*We removed the large-scale gradient using the illumination correction, and then we identified cosmic rays*

**Exercise 15: Active & Passive Voice**

*PNe can be identified by their strong OIII emission. - fine as is*

*Strong OIII emission can identify PNe*

*We identified PNe by their strong OIII emission.*

*We then/therefore searched for this emission using narrow-band imaging.*

**Exercise 16: Editing**

*In Figure 5, the effect of the use of kernels of different sizes on the derived surface density maps is demonstrated.*

In Figure 5 we demonstrate

Figure 5 demonstrates

the effect of different size kernals

Figure 5 demonstrates the effect of kernal usage of various sizes on the derived surface density maps.

Figure 5 demonstrates the effect of using kernels of different sizes on the derived surface density maps.

Figure 5 demonstrates the effect of kernel size on the derived surface density maps.

**Exercise 17: Which vs. That. Fix the below**

*The sample of AGN, which were selected in the optical, contained 3000 objects*

*The sample of AGN that were selected in the optical contained 3000 objects*

**Re-write using “That”**