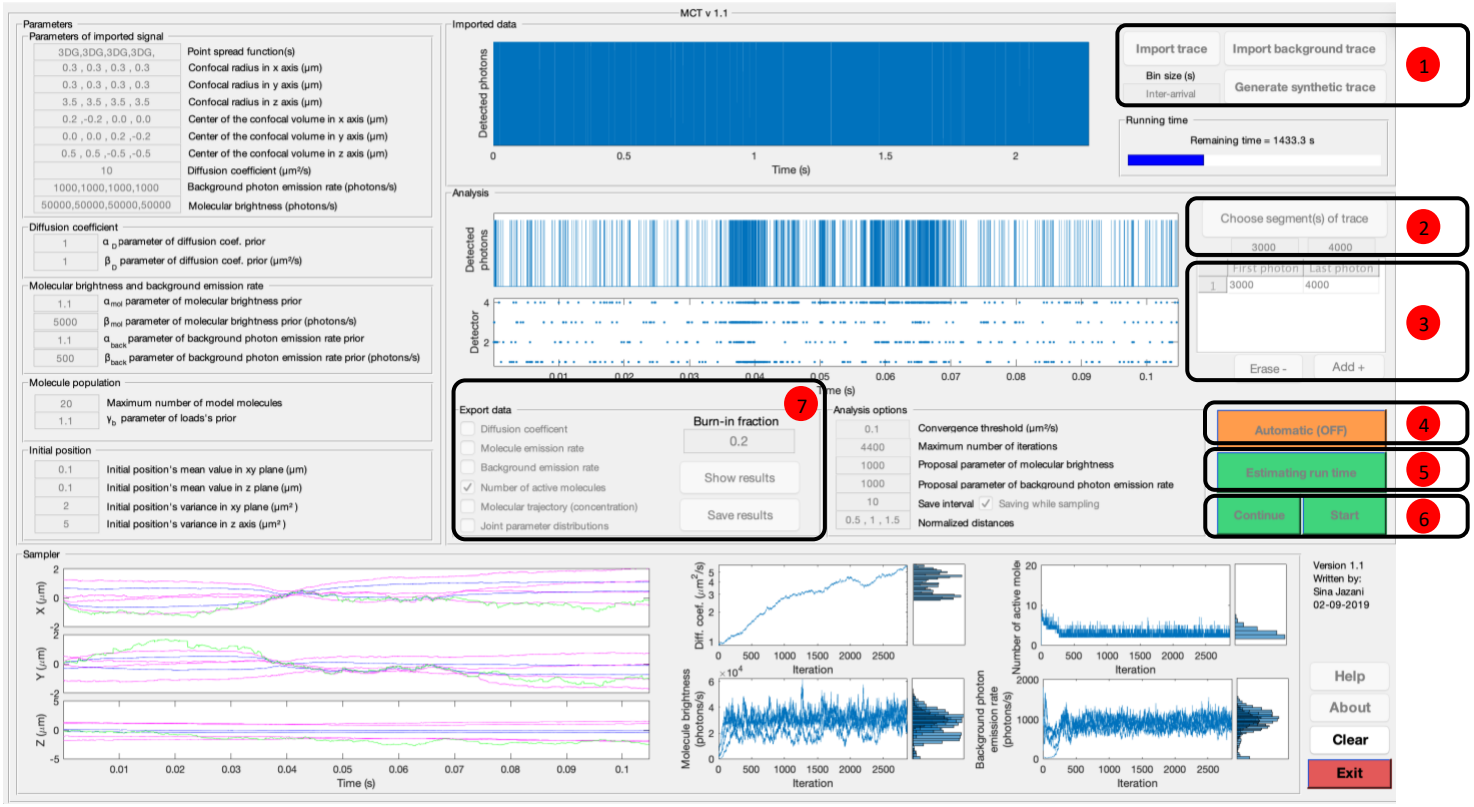


1: First, Import the experimental trace or generate a synthetic time trace

- If you have a background trace, import it first to measure the background.
- If you do not provide a background trace, the value of the background photon emission rate will be asked.
- If you do not provide a background photon emission rate, the code will consider it as an unknown variable and will estimate it.

2: Choose a segment of the trace

- The chosen trace will be shown in the left panel.

3: After the segment is chosen, click on Add+. You are able to add as many segments as you wish.

- You are able to erase the chosen traces.

4: You can set the sampler to terminate the MCMC chain, automatically, after the convergence threshold condition has been met. Please be aware that automatic processing time, depends on the imported trace(s). To prevent any conflict and confusion, all buttons will be off during this process.

5: If the automatic mode is turned off, an estimated run time of the code (based on the number of iterations) will be provided.

6: By clicking on the Start button, the code will begin to run. This process will take time, and based on the chosen save window sizes the samples will be shown and saved. To prevent any conflict and confusion, all buttons will be off during this process. After execution, if needed, the user can increase the number iterations by clicking on the Continue button.

7: There are options to show or save the results.