53. latex: ctrl+t comment a block.

64. horizontal plots in latex example:  
\begin{figure}[H]  
\centering  
\begin{minipage}{0.48\textwidth}  
\centering  
\includegraphics[width=\textwidth]{C:/Users/i56087/Desktop/keyALGs/normal.pdf}  
\caption{Regridded normal distribution}\label{normal}  
\end{minipage}  
\hfill  
\begin{minipage}{0.48\textwidth}  
\centering  
\centering\includegraphics[width=\textwidth]{C:/Users/i56087/Desktop/keyALGs/gamma.pdf}  
\caption{Regridded gamma distribution}\label{gamma}  
\end{minipage}  
\hfill  
\begin{minipage}{0.48\textwidth}  
\centering  
\centering\includegraphics[width=\textwidth]{C:/Users/i56087/Desktop/keyALGs/smiley.pdf}  
\caption{Smiley distribution}\label{smiley}  
\end{minipage}  
\hfill  
\begin{minipage}{0.48\textwidth}  
\centering\includegraphics[width=\textwidth]{C:/Users/i56087/Desktop/keyALGs/trigonometric.pdf}  
\caption{Regridded distribution}\label{trigonometric}  
\end{minipage}  
\end{figure}

164. fast locate in texstudio in the source file: ctrl+leftclick

167. Latex include graphics is sufficient. Begin figure is not necessary, but will put the figures at the top of pages.

195. Latex line break the a long path string: use the "path{}" function in "url".

227. Latex color: just follow site: <http://latexcolor.com/>  Very useful

228. Two instances for textstudio: create a shortcut to textstudio on your desktop, right click it and go to property, change Target to: "C:\Program Files (x86)\TeXstudio\texstudio.exe" --start-always

230. Latex trim an image: \includegraphics[scale=0.3,clip,trim=0.1cm 0.1cm 0.1cm 0.1cm]{../NSrefit/figure/errorCol.png};   
trim={<left> <lower> <right> <upper>}

258. \includegraphics[trim=left bottom right top, clip]{file}, e.g. \includegraphics[trim=0cm 1cm 1cm 1cm,clip,width=\linewidth]{../figure/aic.pdf}

282. Find latex symbol by drawing: <http://detexify.kirelabs.org/classify.html>

300. LaTeX if else condition block for control compilation: <https://tex.stackexchange.com/questions/33576/conditional-typesetting-build>

301. Multiple lines in an entry of tabular environment: just add make the entry another tabular.

%\begin{tabular}{cccc}  
% One & Two & Three & Four \\  
% Een & Twee & Drie & Vier \\  
% One & Two &   
% \begin{tabular}{@{}c@{}}Three \\ Drie\end{tabular}  
% & Four  
%\end{tabular}

302. Cross out text: \st{text...} in package "soul"

303. Double hline: \usepackage{hhline}, and do something like \hhline{=|=|=}.

304. Use \left( and \right) to automatically adjust the bracket sizes. \left(, \right) with "split" package will have some trouble. At the end of the first line, write \right., and at the beginning of the second line, write \left. .

305. To use package minted, follow this: <https://tex.stackexchange.com/questions/99475/how-to-invoke-latex-with-the-shell-escape-flag-in-texstudio-former-texmakerx> if error occurs.