Example org Document
(line 2)

<subtitle>
newline

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Abstract

Cheers and a happy stampede! Throwing some thoughts down here to see what LaTeX renders out of it. Do not mind me. Tuesday is coming, did you bring your rain coat? I live in a giant bucket.

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- For more tips and tricks on exporting `org` files to latex: org-latex-export.
- Extensive documentation on LaTeX from `Overleaf`: `https://www.overleaf.com/learn`.

1 Header

`hello world`

$$math$$

math

`mono space`

κ

1.1 code

```
import numpy as np
import matplotlib.pyplot as plt

x = np.linspace(0, np.pi)
y = np.sinh(x)
plt.plot(x,y)
plt.xlabel('x')
plt.ylabel('sinh(x)')
plt.savefig('sinh.png')
```

graph

See graph below.

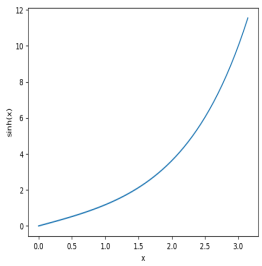

Figure 1: Graph of $y = sinh(x)$.

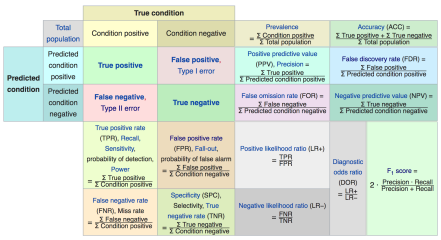

Figure 2: stats

The results are in Figure 1.1. For more information on placing images, go here: Images in LaTex Export. Briefly, to position images within the document, remove `:placement [H]` and add in one of the following `:float` options:

- `:float wrap` makes text flow around the image on the right, with the image on the left.
- `:float sideways` puts the image on a new page and rotates it by ninety degrees.
- `:float multicolumn` forces the image to span across multiple columns within the document. This should be used in conjunction with `#+LaTeX_CLASS_OPTIONS: [twocolumn]`.

1.2 A neat table

The initial sequencing of the human genome[1].

Table 1: Go Canada!

X	Y	Z
1	2	3
99	100	1000
hello..	world?	1
To be or not to be.	string-string-string-string	10
TOTAL		1014

Bibliography

1. International Human Genome Sequencing Consortium, Eric S Lander, Lauren M Linton, Bruce Birren, Chad Nusbaum, Michael C Zody, Jennifer Baldwin, Keri Devon, Ken Dewar, Michael Doyle, William FitzHugh, Roel Funke, Diane Gage, Katrina Harris, Andrew Heaford, John Howland, Lisa Kann, Jessica Lehoczky, Rosie LeVine, Paul McEwan, Kevin McKernan, James Meldrim, Jill P Mesirov, Cher Miranda, William Morris, Jerome Naylor, Christopher Christina Christopher Raymond, Mark Rosetti, Ralph Santos, Andrew Sheridan, Carrie Sougnez, Nicole Stange-Thomann, Nikola Stojanovic, Aravind Subramanian, Dudley Wyman, Jane Rogers, John Sulston, Rachael Ainscough, Stephan Beck, David Bentley, John Burton, Christopher Clee, Nigel Carter, Alan Coulson, Rebecca Deadman, Panos Deloukas, Andrew Dunham, Ian Dunham, Richard Durbin, Lisa French, Darren Grafham, Simon Gregory, Tim Hubbard, Sean Humphray, Adrienne Hunt, Matthew Jones, Christine Lloyd, Amanda McMurray, Lucy Matthews, Simon Mercer, Sarah Milne, James C Mullikin, Andrew Mungall, Robert Plumb, Mark Ross, Ratna Shownkeen, Sarah Sims, Robert H Waterston, Richard K Wilson, LaDeana W Hillier, John D McPherson, Marco A Marra, Elaine R Mardis, Lucinda A Fulton, Asif T Chinwalla, Kymberlie H Pepin, Warren R Gish, Stephanie L Chissoe, Michael C Wendl, Kim D Delehaunty, Tracie L Miner, Andrew Delehaunty, Jason B Kramer, Lisa L Cook, Robert S Fulton, Douglas L Johnson, Patrick J Minx, Sandra W Clifton, Trevor Hawkins, Elbert Branscomb, Paul Predki, Paul Richardson, Sarah Wenning, Tom Slezak, Norman Doggett, Jan-Fang Cheng, Anne Olsen, Susan Lucas, Christopher Elkin, Edward Uberbacher, Marvin Frazier, Richard A Gibbs, Donna M Muzny, Steven E Scherer, John B Bouck, Erica J Sodergren, Kim C Worley, Catherine M Rives, James H Gorrell, Michael L Metzker, Susan L Naylor, Raju S Kucherlapati, David L Nelson, George M Weinstock, Yoshiyuki Sakaki, Asao Fujiyama, Masahira Hattori, Tetsushi Yada, Atsushi Toyoda, Takehiko Itoh, Chiharu Kawagoe, Hidemi Watanabe, Yasushi Totoki, Todd Taylor, Jean Weissenbach, Roland Heilig, William Saurin, Francois Artiguenave, Philippe Brottier, Thomas Bruls, Eric Pelletier, Catherine Robert, Patrick Wincker, André Rosenthal, Matthias Platzer, Gerald Nyakatura, Stefan Taudien, Andreas Rump, Douglas R Smith, Lynn Doucette-Stamm, Marc Rubenfield, Keith Weinstock, Hong Mei Lee, JoAnn Dubois, Huanming Yang, Jun Yu, Jian Wang, Guyang Huang, Jun Gu, Leroy Hood, Lee Rowen, Anup Madan, Shizen Qin, Ronald W Davis, Nancy A Federspiel, A Pia Abola, Michael J Proctor, Bruce A Roe, Feng Chen, Huaqin Pan, Juliane Ramser, Hans Lehrach, Richard Reinhardt, W Richard McCombie, Melissa de la Bastide, Neilay Dedhia, Helmut Blöcker, Klaus Hornischer, Gabriele Nordsiek, Richa Agarwala, L Aravind, Jeffrey A Bailey, Alex Bateman, Serafim Batzoglou, Ewan Birney, Peer Bork, Daniel G Brown, Christopher B Burge, Lorenzo Cerutti, Hsiu-Chuan Chen, Deanna Church, Michele Clamp, Richard R Copley, Tobias Doerks, Sean R Eddy, Evan E Eichler, Terrence S Furey, James Galagan, James G R Gilbert, Cyrus Harmon, Yoshihide Hayashizaki, David Haussler, Henning Hermjakob, Karsten Hokamp, Wonhee Jang, L Steven Johnson, Thomas A Jones,

Simon Kasif, Arek Kaspryzk, Scot Kennedy, W James Kent, Paul Kitts, Eugene V Koonin, Ian Korf, David Kulp, Doron Lancet, Todd M Lowe, Aoife McLysaght, Tarjei Mikkelsen, John V Moran, Nicola Mulder, Victor J Pollara, Chris P Ponting, Greg Schuler, Jörg Schultz, Guy Slater, Arian F A Smit, Elia Stupka, Joseph Szustakowki, Danielle Thierry-Mieg, Jean Thierry-Mieg, Lukas Wagner, John Wallis, Raymond Wheeler, Alan Williams, Yuri I Wolf, Kenneth H Wolfe, Shiaw-Pyng Yang, Ru-Fang Yeh, Francis Collins, Mark S Guyer, Jane Peterson, Adam Felsenfeld, Kris A Wetterstrand, Richard M Myers, Jeremy Schmutz, Mark Dickson, Jane Grimwood, David R Cox, Maynard V Olson, Rajinder Kaul, Christopher Christina Christopher Raymond, Nobuyoshi Shimizu, Kazuhiko Kawasaki, Shinsei Minoshima, Glen A Evans, Maria Athanasiou, Roger Schultz, Aristides Patrinos, Michael J Morgan, and International Human Genome Sequencing Consortium. Initial sequencing and analysis of the human genome. *Nature*, 409(6822):860–921, feb 2001.

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