

Quickly Produce SIDIS Transverse Momenta with BigkT
June 19, 2018

1. Create a local directory for all the files. Open a terminal and cd to this director to clone the BigkT repository. Clone the repository.

2. Type

line0: `gunzip BigkT.zip`

3. In the terminal type:

line1: `./setup.py`

line2: `cd external && ./install`

line3: `cd ../`

4. Make sure that the Excel spreadsheet sample.xlsx is in the working directory.

5. Type line4: `./calc.py -t 1 -c 2 -x sample.xlsx`

6. The resulting transverse momentum distribution is now in the 17th column of sample.xlsx (column R).