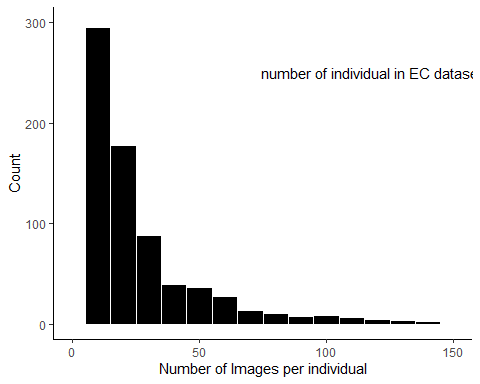
Descriptive analysis of Images in the database

Chandan Kumar Pandey

### This report is the descriptive result of the tiger database which we will be using for training the machine learning network.

The data can be loaded with the Running the source-code “Fetch\_data\_from\_database.R”. This source code can be downloaded from the [git repo](https://github.com/ckp1990/PIC_SEG_DB). You can change the **query** in the code to extract different information. The method to connect to MS-Access if described in ***“Connect\_to\_database\_odbc.pdf”***. For now I have extracted he information earlier and saved as CSV.

### Histrogram of number of image per individuals.



From the figure above it is clear that most of the individuals have few images. For better we can also see the quantile distribution.

|  |  |
| --- | --- |
| quantile | value |
| 0% | 1 |
| 25% | 2 |
| 50% | 4 |
| 75% | 16 |
| 100% | 598 |

It is also important to understand how the image where taken in the database. There are various methods by which the tiger had been captures, viz. “Camera Trap”,“Dead animal photo”,“Photographed animals” etc

