**Tools for Communication Research and Analytics**

1. **Web/Analytics:** 
   * google analytics
     + http://www.google.com/analytics/
   * Yahoo web
     + http://web.analytics.yahoo.com/
   * Facebook insights
     + http://www.facebook.com/insights/
   * Media cloud
     + <http://mediacloud.org>
     + For the software
       - http://mediacloud.svn.sourceforge.net/
2. **Sentiment Analysis/Opinion Mining**

* An online tool: [www.sentiment140.com](http://www.sentiment140.com/) (type in keywords you want to search on twitter)
* Examples
  + - [politics.twittersentiment.org/streams/](http://t.co/fJaRtrXb) Annenberg Innovation Lab, Twitter Sentiment Analysis on Political Election
    - <http://electiongauge.com/>

1. **Network Analysis**

* Open source tools: [NodeXL](http://nodexl.codeplex.com/) (only for PC); [Gelphi](http://gephi.org/);
* Other tools: [UciNet](http://www.analytictech.com/ucinet); [Touchgraph](http://www.touchgraph.com) (this tool has a free app on facebook, which allows you to download your facebook network and graph it)
* NodeXL Gragh Gallery[**http://www.nodexlgraphgallery.org/Pages/Default.aspx**](http://www.nodexlgraphgallery.org/Pages/Default.aspx)
* Websites with interesting examples: [Social Media Research Foundation](http://www.smrfoundation.org/); [Social Flow](http://www.socialflow.com/)

1. **Open Government Data**
   * **World Bank**

* **World Development Indicator** <http://data.worldbank.org/data-catalog/world-development-indicators>
* About open data http://www.guardian.co.uk/news/datablog/2012/jun/21/open-data-election-hack-vote
* [**the Top 5 Ways to Access World Bank Data**](http://blogs.worldbank.org/opendata/the-top-5-ways-to-access-world-bank-data)
* **Data Visualization Tools** <http://data.worldbank.org/products/data-visualization-tools>
  + **Guardian**

<http://www.guardian.co.uk/world-government-data>

* + **Gapminder** <http://www.gapminder.org/data/> (Hans Rosling)

1. **Social media related**
   * **Scraping and Data Management**

* Scraper wiki <https://scraperwiki.com>
* TextMate: <http://macromates.com/>
* Google Refine: <http://code.google.com/p/google-refine>
* R-Shief Twitterminer
  + <http://twitterminer.r-shief.org/hq/>
  + **data visualization**
    - Javascript Infoviz Toolkit: <http://thejit.org/>
    - Batchgeo <http://batchgeo.com/> +mapping lists
    - Google API: <http://code.google.com/apis/chart/>  (charts and gadgets)
    - Many Eyes <http://www-958.ibm.com/software/data/cognos/manyeyes/>
    - Followthehashtag <http://www.followthehashtag.com/>
    - Processing sketch online tool <http://sketchpad.cc/>  / <http://sketchpad.cc/occupydata>
    - D3 <http://mbostock.github.com/d3/>
    - Data Collective: <https://datacollective.org/>
    - Exhibit: <http://www.simile-widgets.org/exhibit/>
    - Comprehensive List of Infographic/DataVis Tools & Data Sources: <http://dailytekk.com/2012/02/27/over-100-incredible-infographic-tools-and-resources/>
    - Live Graphs: R-Shief’s Twitterminer <http://twitterminer.r-shief.org/hq/>
    - R: <http://www.r-project.org>  | mediawiki plugin: <http://www.mediawiki.org/wiki/Extension:WorkingWiki>