**2019.11.20 HARUp meeting**

**Intro to R programming resources: which one is best and why?**

**Premise**: there are so many resources to learn R, it is confusing. Let’s test a few existing ones. The task is the form groups no more than 3 people and evaluate at least 2 of the following resources to learn R, for at least 20 minutes. We will compare notes at the end. (Use template script, best practise)

Think about: **Ease of use**, **clarity of process**, **good for beginners**, **fun to use**, **accessibility**

**Guru 99:** [**https://www.guru99.com/r-tutorial.html**](https://www.guru99.com/r-tutorial.html)

Website with many basic tutorials – work through one or more and peek into others

**Venables An Introduction to R:** [**https://cran.r-project.org/doc/manuals/r-release/R-intro.pdf**](https://cran.r-project.org/doc/manuals/r-release/R-intro.pdf)

Conservative tutorial by one of the creators of R

**Burns R Inferno:** [**https://www.burns-stat.com/pages/Tutor/R\_inferno.pdf**](https://www.burns-stat.com/pages/Tutor/R_inferno.pdf)

Funny (mildly); inspired by Dante

**Harris Intro to R: Harris R and Rstudio basics.docx**

Ed’s own…

**Swirl:** [**https://swirlstats.com/students.html**](https://swirlstats.com/students.html)

All-in-one “learning system” for R

**Optional: Datacamp** [**https://www.datacamp.com/courses/free-introduction-to-r**](https://www.datacamp.com/courses/free-introduction-to-r)

Free taster for a paid service (need to sign up for free)

Which of the ranking categories is most important?

**Rank 1 – 10, 1 being terrible, 10 being perfection**

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| --- | --- | --- | --- | --- | --- |
| Categories: | **Ease of use** | **clarity of process** | **good for beginners** | **fun to use** | **accessibility** |
| Guru 99 |  |  |  |  |  |
| Venables |  |  |  |  |  |
| Burns |  |  |  |  |  |
| Harris |  |  |  |  |  |
| Swirl |  |  |  |  |  |
| Datacamp |  |  |  |  |  |