

## Today's Lab Session

### (A) Data collection

- Generate data sets we'll use in the course

### (B) Test lab computer solutions

- (1) IT people generated a solution (portable R)
- (2) ‚Plan B‘ solution (RStudio web server, similar to Stats II)

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## (A) Data Collection

- Generate data sets we'll use in the course
- 3 decision-making tasks
  - Risky choice („Columbia Card Task“): Version 1, Version 2
  - Intertemporal choice: DITC
- **Web-based:**
  - **Risky choice tasks** (English):  
[https://vlab.decisionsciences.columbia.edu/collaboration/cct\\_hosted/admin/index.php](https://vlab.decisionsciences.columbia.edu/collaboration/cct_hosted/admin/index.php)
  - **Intertemporal choice tasks** (Dutch):  
[https://vlab.decisionsciences.columbia.edu/collaboration/AOD\\_hosted\\_2/main\\_login.php](https://vlab.decisionsciences.columbia.edu/collaboration/AOD_hosted_2/main_login.php)
  - This document and links also on BlackBoard: Course Documents → Week 1

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- Each link takes you to a login page asking for username and password
- These are the same for both pages
  - **Username: mixmod2014**
  - **Password: stats3**
- After the login you get to a page where:
- You can choose the task version
- You enter a “Serial/Subject ID” (participant code)

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## For the intertemporal choices (DITC)


**ONLY NUMBERS CAN BE USED FOR THE SERIAL (NO LETTERS, NO SPACES, ETC.)**

**Choose a Task**

Task :

Serial :

## For the risky choices



**CDS Collaborator System**  
Collaboration in Decision Science Research

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**Columbia Card Task Hosted Version Main Menu**

Run CCT

Version

Subject ID (Numbers ONLY)

Download My CCT Data In CSV Format

- Data
- Demographics
- Data (Hot Version with Timer)
- Demographics (Hot Version with Timer)
- Data (Short Hot Version with Timer)
- Demographics (Short Hot Version with Timer)
- Data (Short Hot Version without Timer)
- Demographics (Short Hot Version without Timer)

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**Serial/Subject ID is your participant code**

- We create this as follows (let's assume, you are 23)
- Add 100 → 123
- Add a last digit
  - 1 for the 1st task you do → 1231
  - 2 for the 2nd task you do → 1232
  - 3 for the 3rd task you do → 1233

**We'll have 2 different task orders (between-subject)**

- Students 1-20
- Students 21 and higher

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**Students 1-20 (let's assume you are 9)**

- 1st task: Risky choice, Version 1 (pp-code: 1091)
- 2nd task: Intertemp. choice, DITC (pp-code: 1092)
- 3rd task: Risky choice, Version 2 (pp-code: 1093)

**Students 21 and (let's assume you are 30)**

- 1st task: Risky choice, Version 2 (pp-code: 1301)
- 2nd task: Intertemp. choice, DITC (pp-code: 1302)
- 3rd task: Risky choice, Version 1 (pp-code: 1303)

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## Important Notes

- **Please write down YOUR order of tasks and the respective participant codes NOW**
- Take breaks between, not during tasks
- Although it says we will pay you, we won't (sorry!)
- Please still try to imagine it's for real money
- At the end of the intertemporal choice tasks, it says you should NOT press the button „verder“
- → Ignore that, go ahead and press that button, it will get you back to the login window
- If you have problems, you can try to „clear browsing data“ (i.e., empty cache) and login again

**So: It's risky → intertemporal → risky choice; never do the same type of task twice in a row**

**Risky** [https://vlab.decisionsciences.columbia.edu/collaboration/cct\\_hosted/admin/index.php](https://vlab.decisionsciences.columbia.edu/collaboration/cct_hosted/admin/index.php)

**Intertemporal** [https://vlab.decisionsciences.columbia.edu/collaboration/AOD\\_hosted\\_2/main\\_login.php](https://vlab.decisionsciences.columbia.edu/collaboration/AOD_hosted_2/main_login.php) 7

## (B) Testing Lab Computers

### (1) IT solution (preferred)

- Start up computer, log in with your usual account
- Try to start RStudio (might not work)
- If error → Start R (should work for sure)
- Create new empty script file and paste the following commands into the file...

## (1) Testing Lab Computers cont.

```
install.packages('Matrix', repos='http://cran.us.r-project.org')
install.packages('pbkrtest', repos='http://cran.us.r-project.org')
install.packages('lme4', repos = c("http://lme4.r-forge.r-project.org/repos", getOption("repos")))
packageVersion('Matrix')
packageVersion('pbkrtest')
packageVersion('lme4')
library(lme4)
fm1 <- lmer(Reaction ~ Days + (Days | Subject), sleepstudy)
summary(fm1)
```

→ Run one after the other, letting each first finish

→ Errors? Warnings? Extremely slow?

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## (2) Plan B: Thanks on!!!

Open browser, go to: <http://131.174.204.182:8787>

- login: s + your data collection number (s1, s2, s3, ...)
- password: rstudiorulez
- Create new empty script file and paste the following commands into the file...

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## (2) Plan B cont.

```
install.packages('Matrix', repos='http://cran.us.r-project.org')
install.packages('pbkrtest', repos='http://cran.us.r-project.org')
install.packages('lme4', repos = c("http://lme4.r-forge.r-project.org/repos", getOption("repos")))
packageVersion('Matrix')
packageVersion('pbkrtest')
packageVersion('lme4')
library(lme4)
fm1 <- lmer(Reaction ~ Days + (Days | Subject), sleepstudy)
summary(fm1)
```

→ Run one after the other, letting each first finish

→ Errors? Warnings? Extremely slow?

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## Getting files to and from RStudio server

### Instructions from here

[http://www.rstudio.com/ide/docs/advanced/uploading\\_and\\_downloading\\_files](http://www.rstudio.com/ide/docs/advanced/uploading_and_downloading_files)

### Uploading Files

- Switch to the **Files** pane
- Navigate to the directory you wish to upload files into
- Click the **Upload** toolbar button
- Choose the file you wish to upload and press OK

### Downloading Files

- Switch to directory you want to download files from within the **Files** pane
- Select the file(s) and/or folder(s) you want to download
- Click **More** → **Export** on the toolbar
- You'll then be prompted with a default file name for the download. Either accept the default or specify a custom name then press OK.

**Many files? → zip into a single one before up/download**

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