**Hands-on 2 discussion**
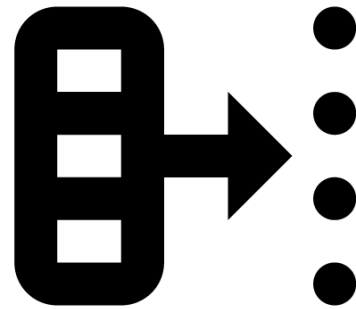
# Combining & analysing the results

# Current status

- We have created an efficient ABM
- We have run it 14 million times on the supercomputer
- We have stored the results of this ABM in chunked files
- Let's take a look at the output!

# retrieve

# Retrieving the results: two options

## Local version

- Download the individual result files to your own computer

- Write a script to combine those results with our parameter grid

- Analyse the results

## Remote version

- Write a script to combine those results with our parameter grid

- Download the parameter grid to your own computer

- Analyse the results

# Retrieving the results: two options

**Local version**

- Download the individual result files to your own computer

- Write a script to combine those results with our parameter grid

- Analyse the results

**Remote version**

- Write a script to combine those results with our parameter grid

- Download the parameter grid to your own computer

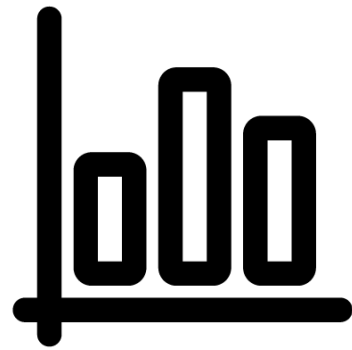- Analyse the results

*Let's take a look!*

# Retrieving the results

Several options to retrieve the results:

- SFTP user interface like Filezilla, WinSCP, others

- [https://ondemand.snellius.surf.nl/](https://ondemand.snellius.surf.nl/)


- I will use SCP (secure copy):

```
scp -r
scur0984@snellius.surf.nl:~/workshop_ossc/output/ .
```
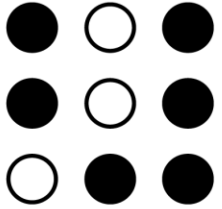
**analyse**          **present**

# Analysis of the results

**What proportion of non-western migrants is "happy" with different levels of neighbourhood preference $B_a$?**
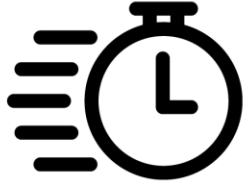(remember, this is just a mock/example question & analysis)

- Now we have 14 470 000 proportions of non-western migrant happiness

- We want to summarize / analyse the results somehow

- **There are many ways to do this!! I will show one**

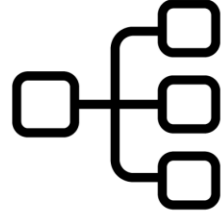- Important step: combine results with geospatial dataset `migr_sf` for presentation

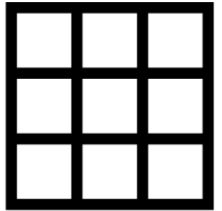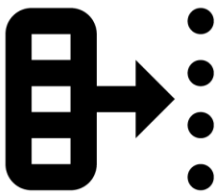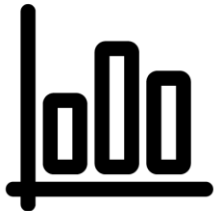Questions & Discussion

# Stay in contact!



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