

‘hello-ona

2024-03-14

R Markdown

```
library(tidyverse)
```

```
## Warning: package 'tidyverse' was built under R version 4.2.3
```

```
## Warning: package 'ggplot2' was built under R version 4.2.3
```

```
## Warning: package 'tibble' was built under R version 4.2.3
```

```
## Warning: package 'tidyr' was built under R version 4.2.3
```

```
## Warning: package 'readr' was built under R version 4.2.3
```

```
## Warning: package 'purrr' was built under R version 4.2.3
```

```
## Warning: package 'dplyr' was built under R version 4.2.3
```

```
## Warning: package 'stringr' was built under R version 4.2.3
```

```
## Warning: package 'forcats' was built under R version 4.2.3
```

```
## Warning: package 'lubridate' was built under R version 4.2.3
```

```
## -- Attaching core tidyverse packages ----- tidyverse 2.0.0 --
```

```
## v dplyr      1.1.3      v readr      2.1.4
```

```
## v forcats   1.0.0      v stringr   1.5.0
```

```
## v ggplot2   3.4.4      v tibble    3.2.1
```

```
## v lubridate 1.9.3      v tidyr     1.3.0
```

```
## v purrr     1.0.2
```

```
## -- Conflicts ----- tidyverse_conflicts() --
```

```
## x dplyr::filter() masks stats::filter()
```

```
## x dplyr::lag()     masks stats::lag()
```

```
## i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become errors
```

```
library(igraph)
```

```
## Warning: package 'igraph' was built under R version 4.2.3
```

```
##
## Attaching package: 'igraph'
##
## The following objects are masked from 'package:lubridate':
##
##    %--%, union
##
## The following objects are masked from 'package:dplyr':
##
##    as_data_frame, groups, union
##
## The following objects are masked from 'package:purrr':
##
##    compose, simplify
##
## The following object is masked from 'package:tidyr':
##
##    crossing
##
## The following object is masked from 'package:tibble':
##
##    as_data_frame
##
## The following objects are masked from 'package:stats':
##
##    decompose, spectrum
##
## The following object is masked from 'package:base':
##
##    union
```

Hello, network