R in Food Sensory and Blogging with R

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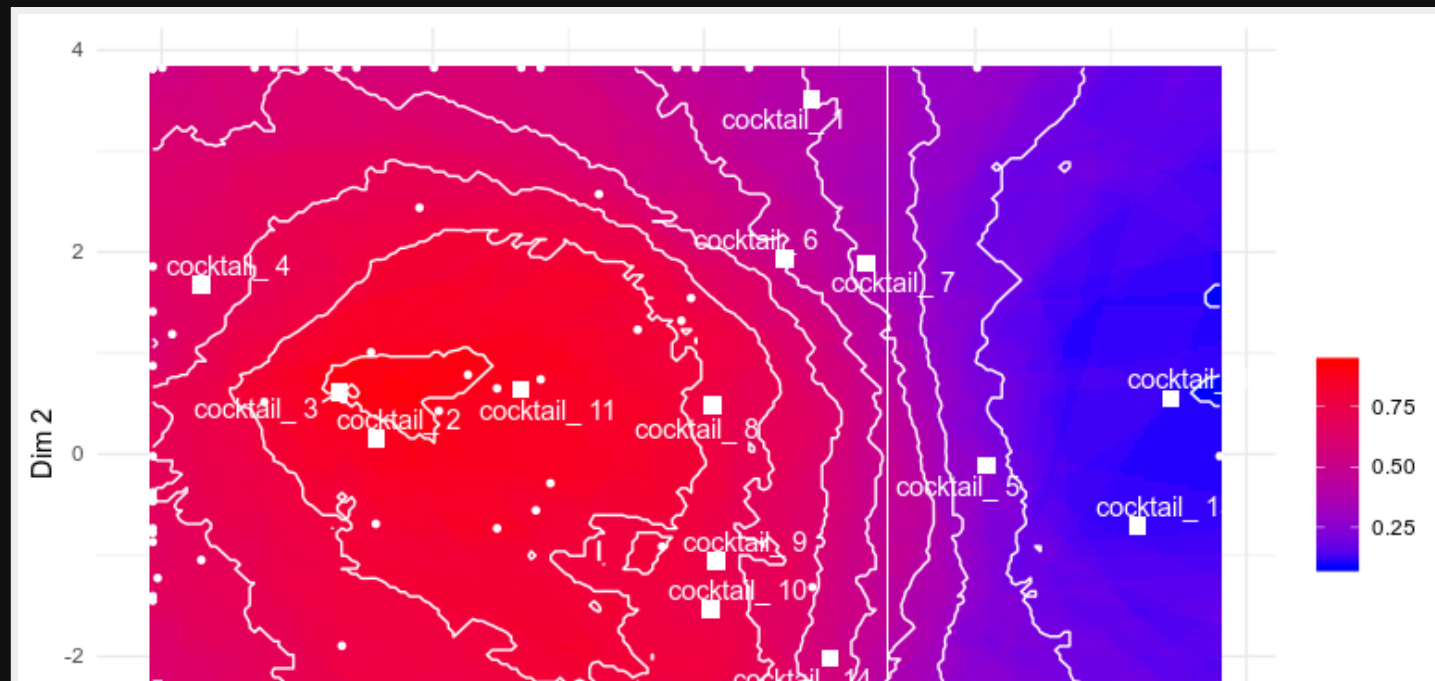
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dplyr::glimpse(aswan)
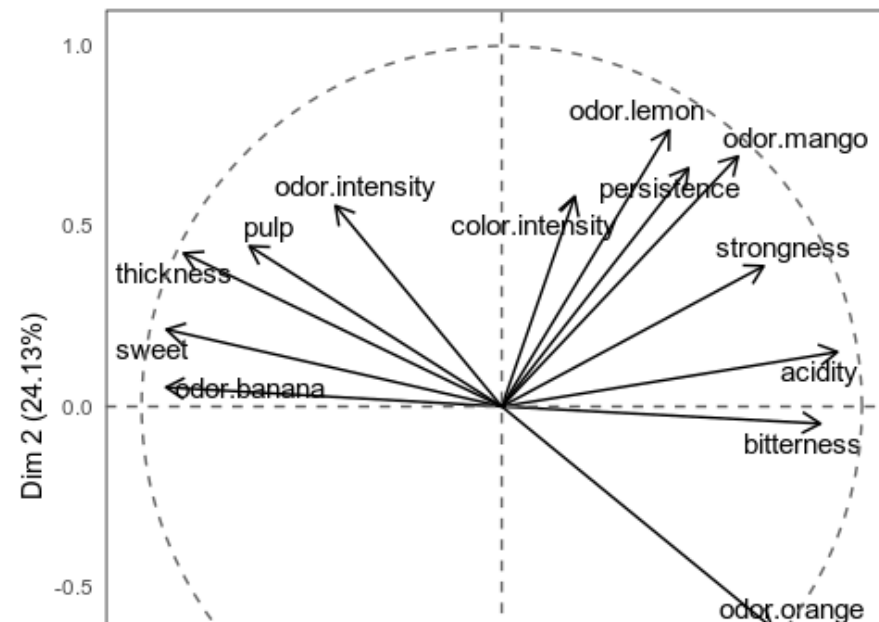
- Founder of Sensolution.ID
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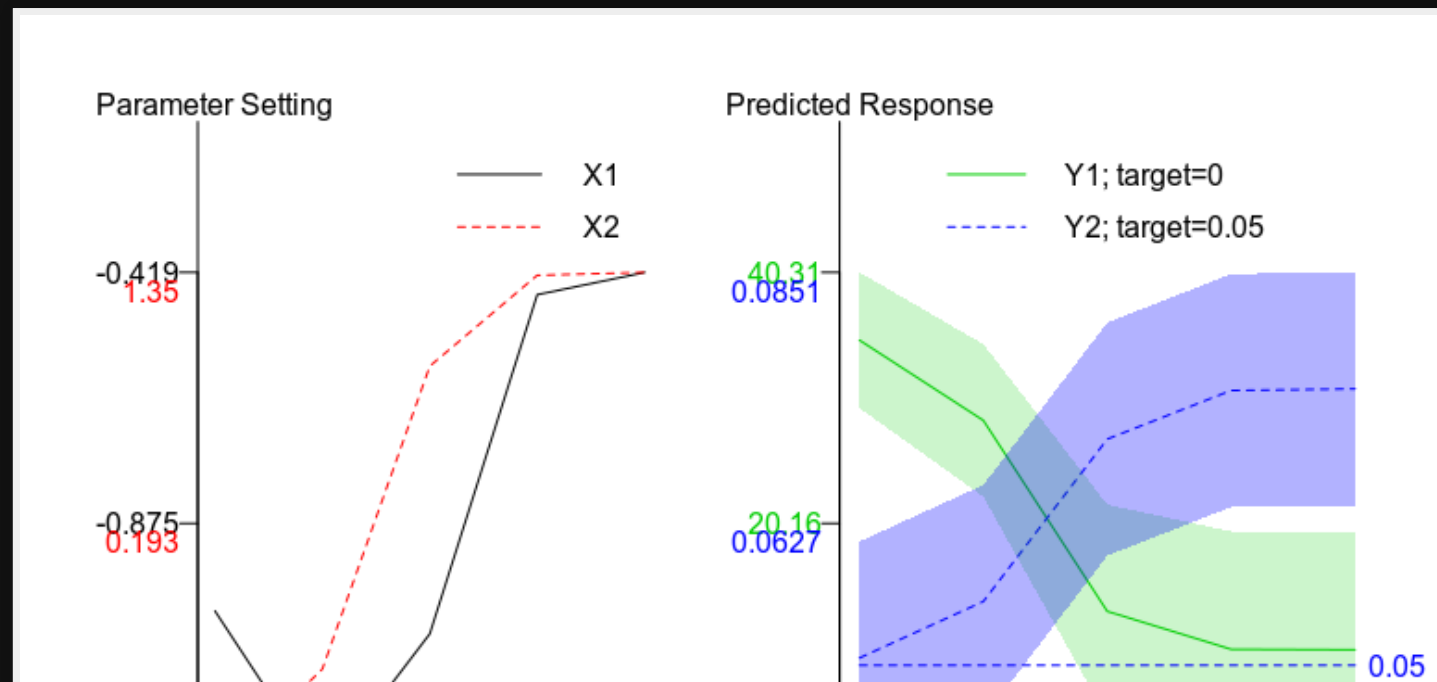- aswansyahputra@sensolution.id

```
dplyr::summarise(me_with_r)
```

Studying consumer perception and preference

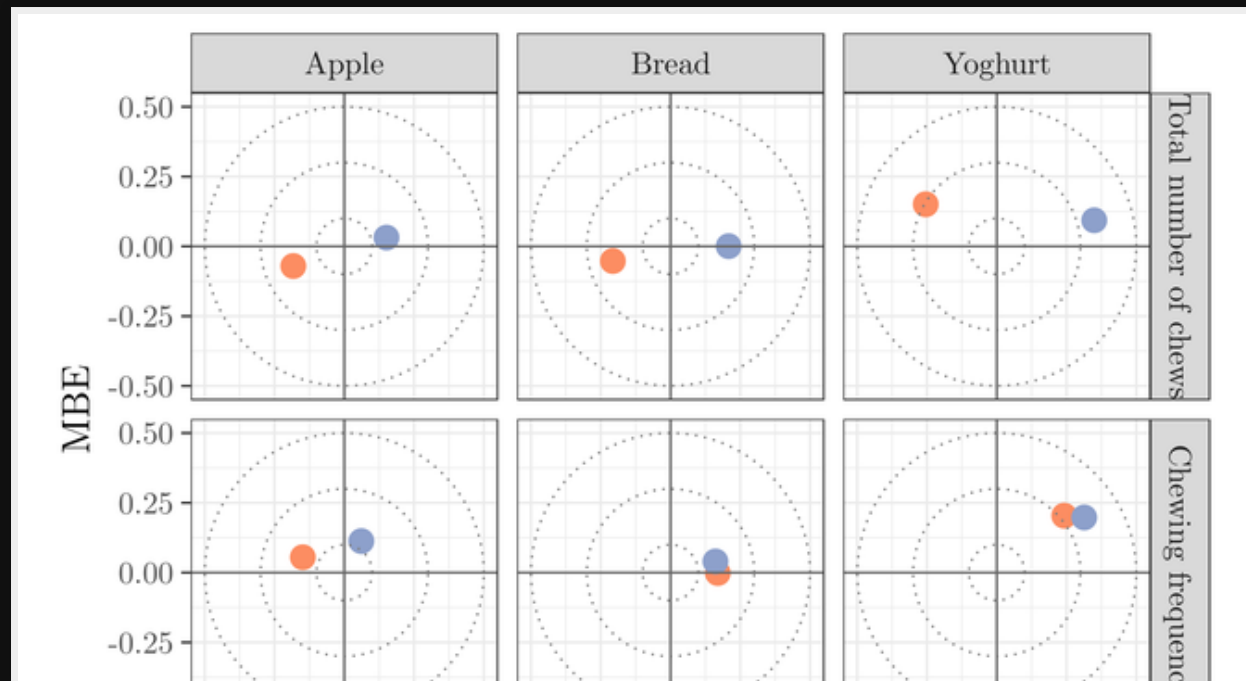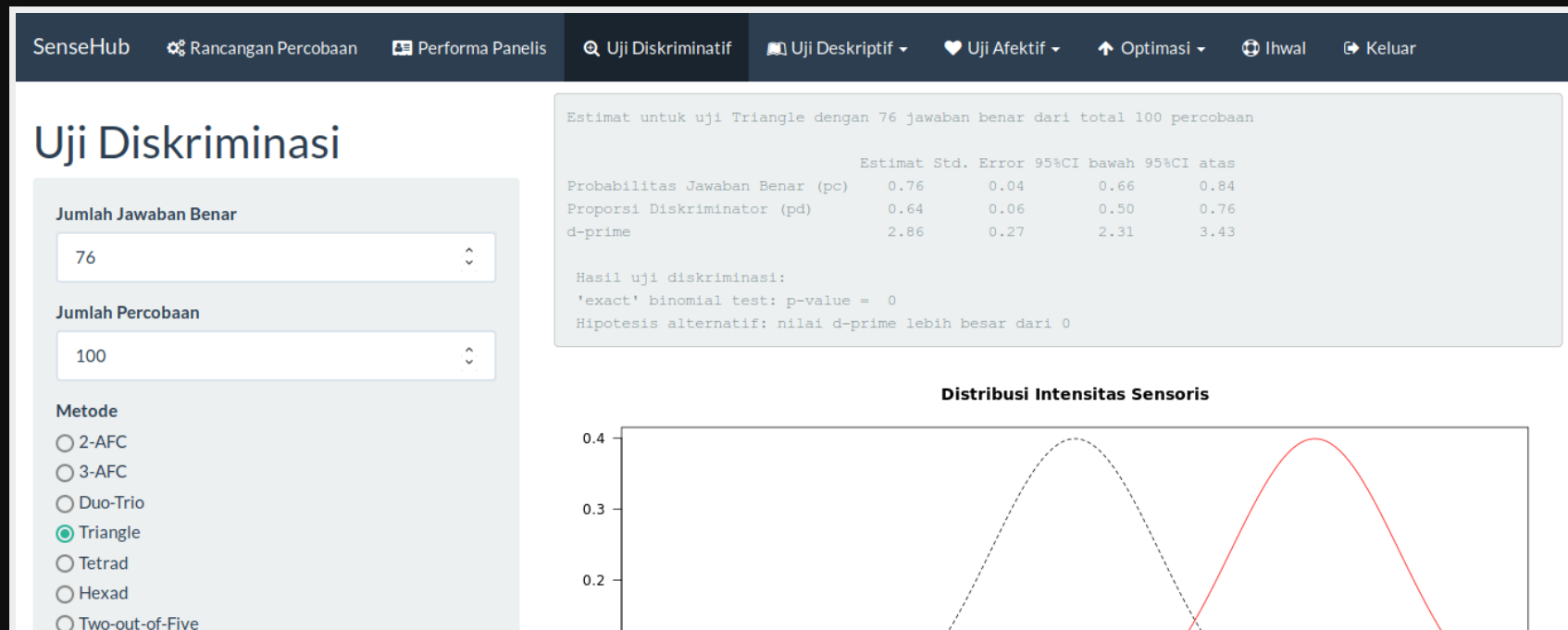# Linking flavour/preference with food properties

Optimisation of food processing and production

Observation of oral processing during eating

Developing SenseHub for sensory analyses

Blogging about R using R

Why should we?

- Don't shoot yourself in the foot! Code and document your works
- Don't let your code scattered and stayed only in your computer
- Be efficent! Code, document, and publish in one workflow
- Is your code and approach good enough? Get some feedbacks!
- Help the others! Enrich R resources in Bahasa Indonesia

my_blog <- r + hugo + git

- R
  - packages: `rmarkdown`, `blogdown`
  - IDE RStudio
- Hugo
  - Using R: `blogdown::install_hugo()`
  - GNU/Linux: `sudo snap install hugo --classic`
  - Other: consult here
- Git
  - GitHub account

Steps: Generation

- File - New Project - New Directory - Website using blogdown
- Choose theme at themes.gohugo.io. Filled out 'Hugo theme' (e.g. 'nathancday/min_night')
- Copy archetypes in themes/the-theme into project working directory (recommended!)
- `blogdown::build_site()` / `blogdown::serve_site()` (Addins - Serve Site)

Steps: Deployment

- In R : `file.create("public/.nojekyll")` and `blogdown::hugo_build`
- Create GitHub repository *'username.github.io'*
- In Terminal:
  - `cd public`
  - `git init`
  - `git remote add origin https://github.com/user/repo.git`
  - `git add .`
  - `git commit -m 'init'`

What next? Config and write!

- Configure the 'config.toml'
- Add new post: Addins - New Post
- Inspect it locally: `blogdown::serve_site()`
- If OK, in R `blogdown::hugo_build` then publish it:
  - `cd public`
  - `git add .`
  - `git commit -m 'added new content'`
  - `git push origin master`

Recommendations

- Hosting on Netlify for automatic deployment
- Use your custom domain

Getting helps

- Blogdown documentation
- Hugo Indonesia on Telegram

Thanks!