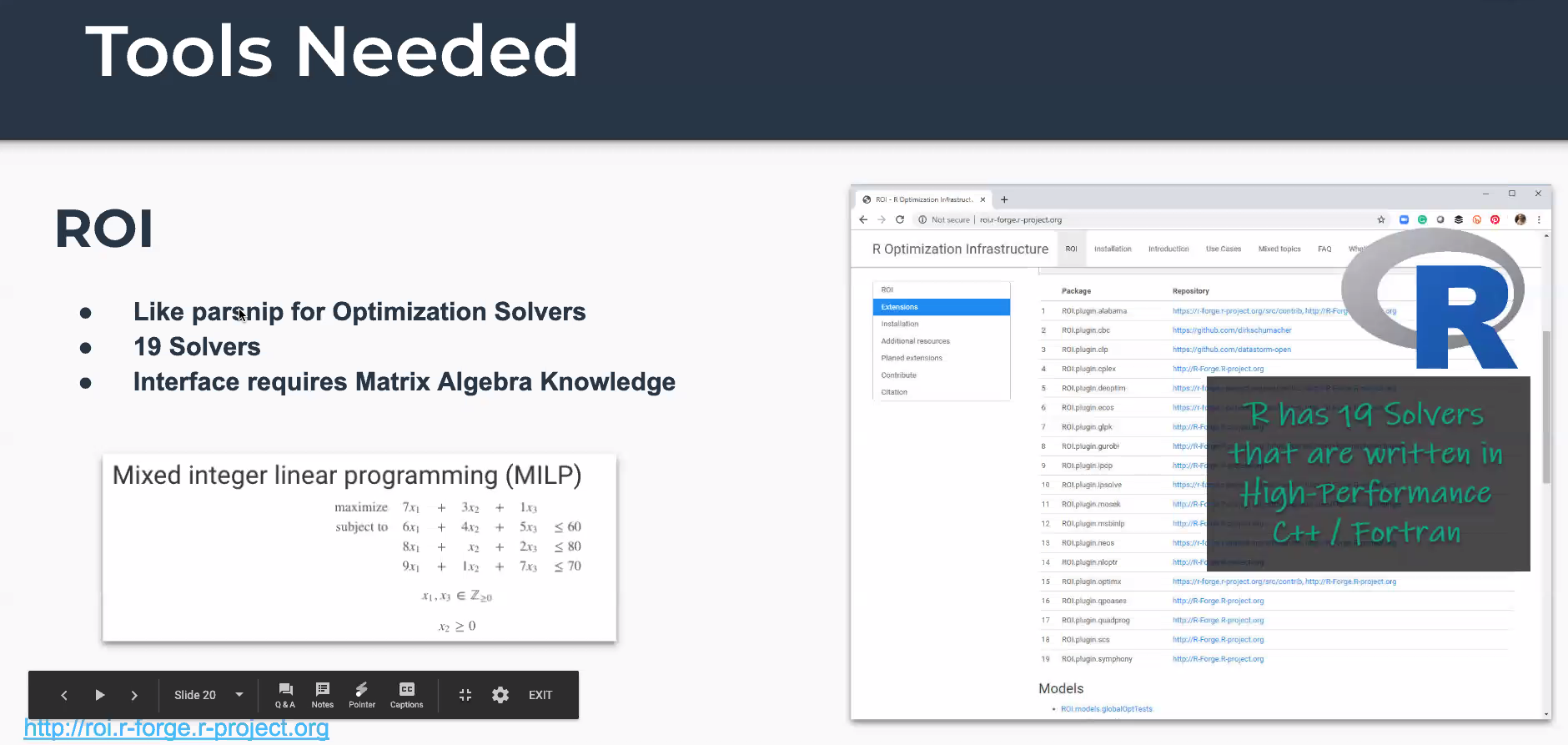
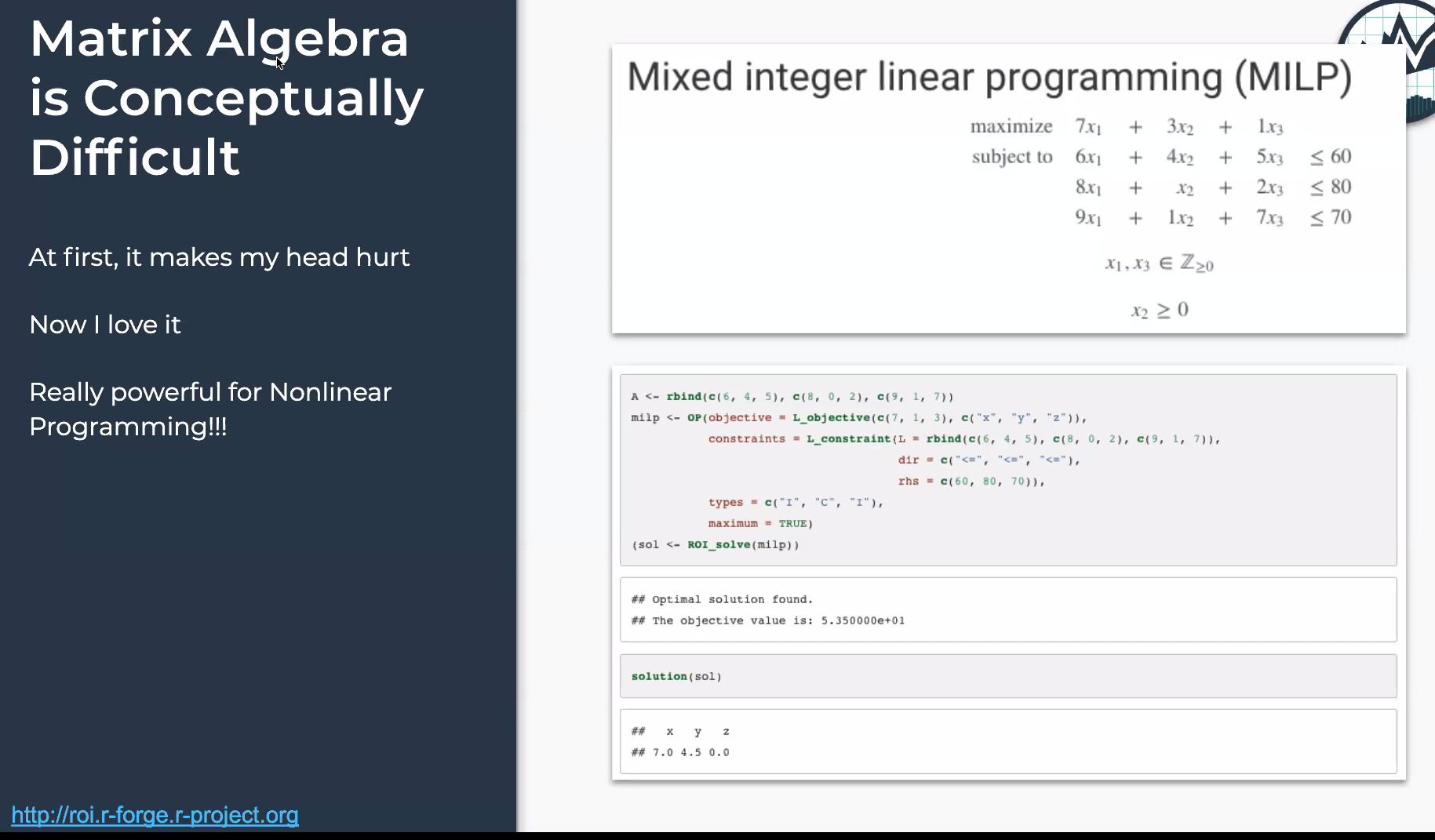
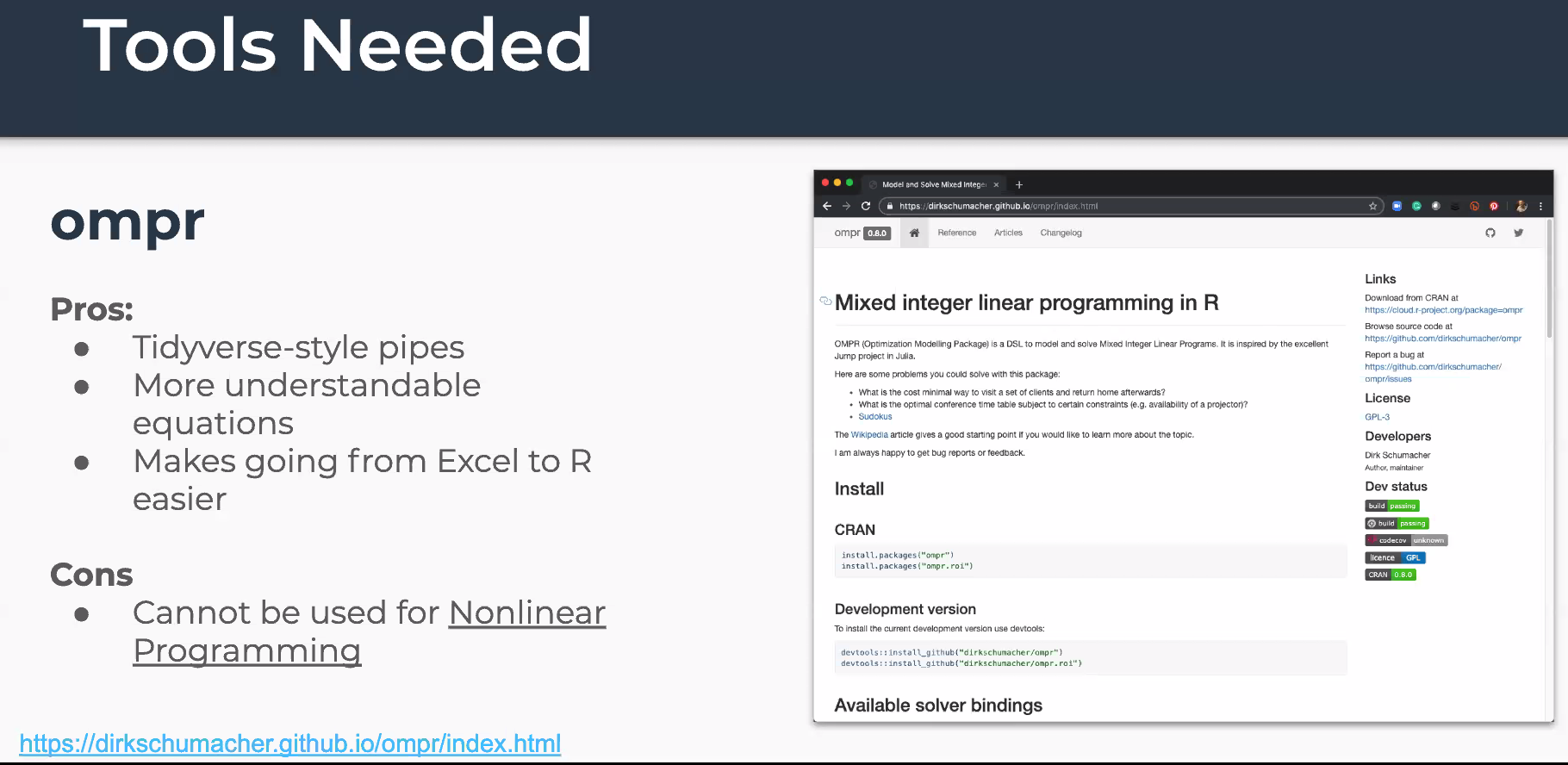
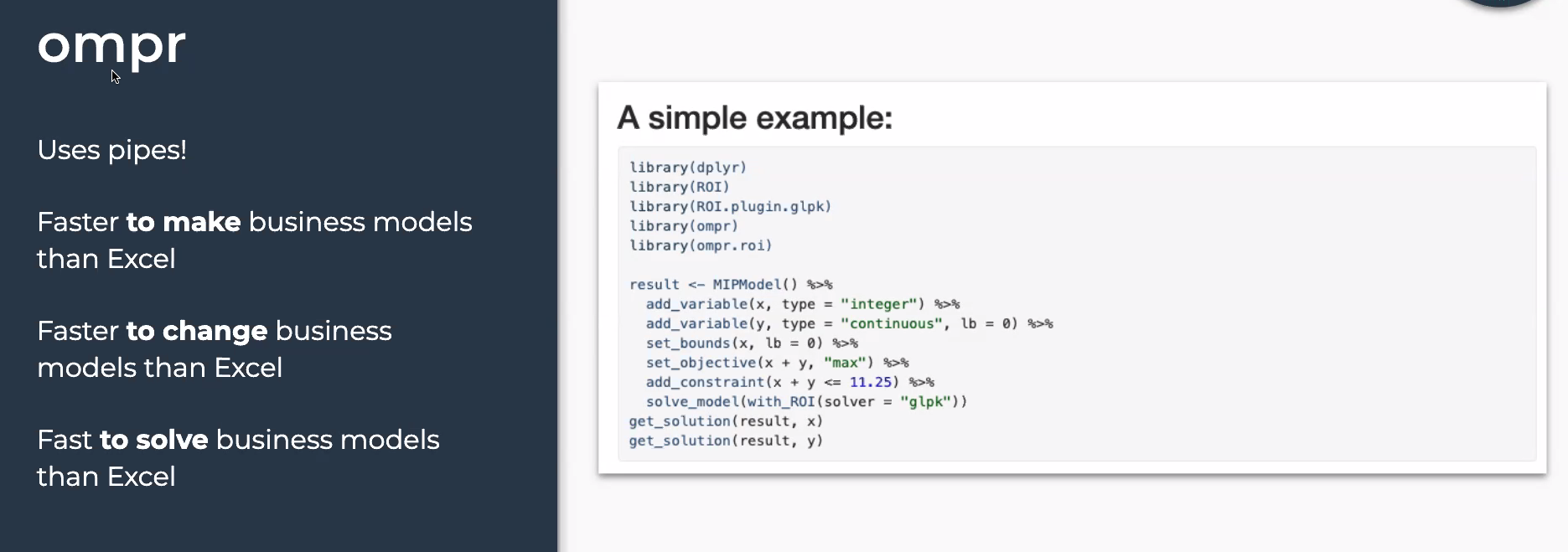


* **Ompr – For Linear Programming**
* **ROI – Connects to 19 different solvers**

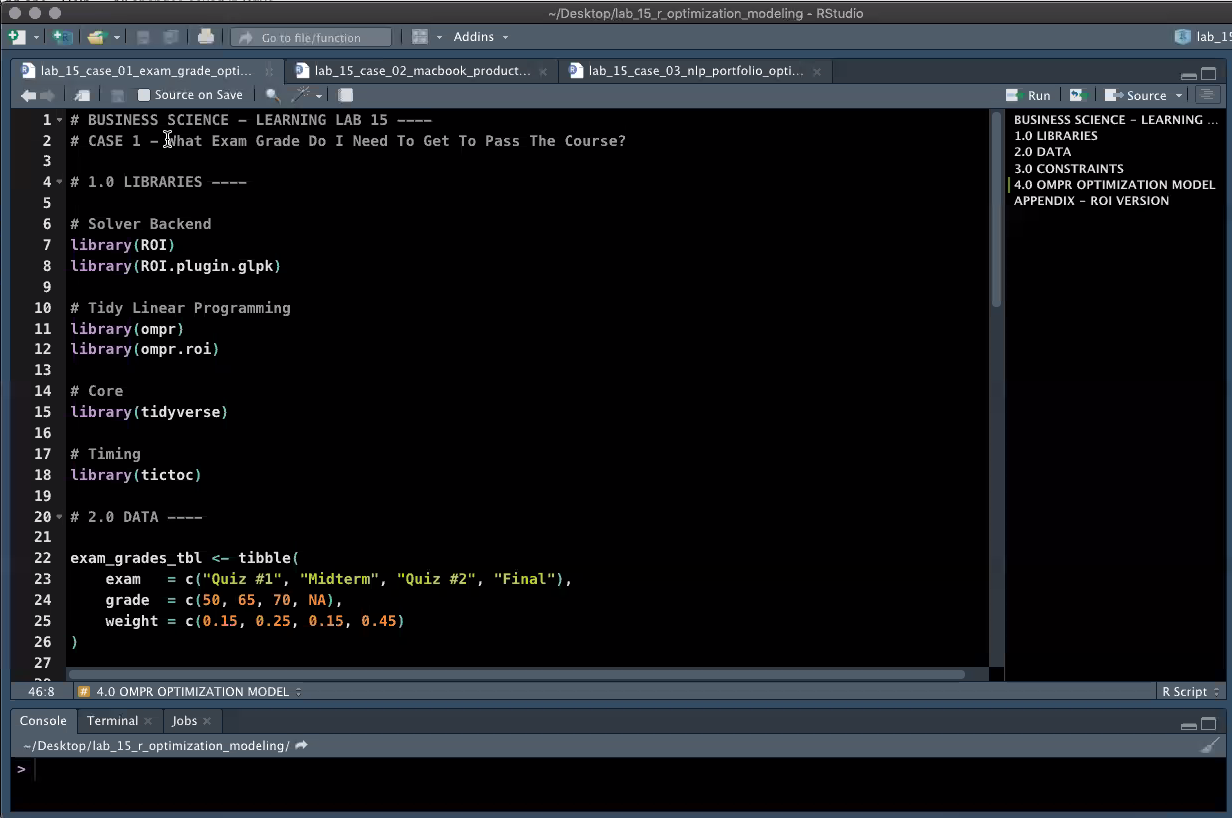


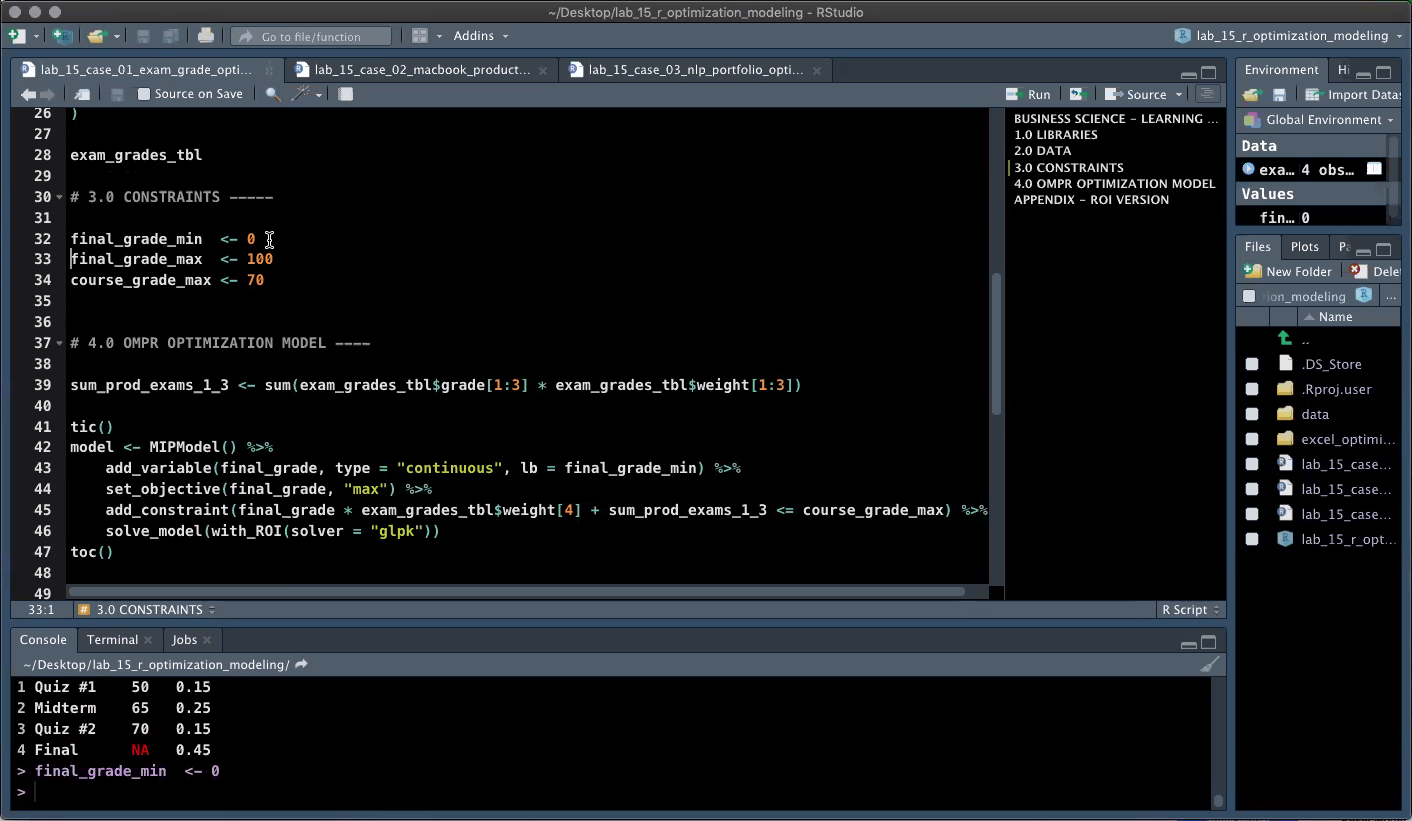


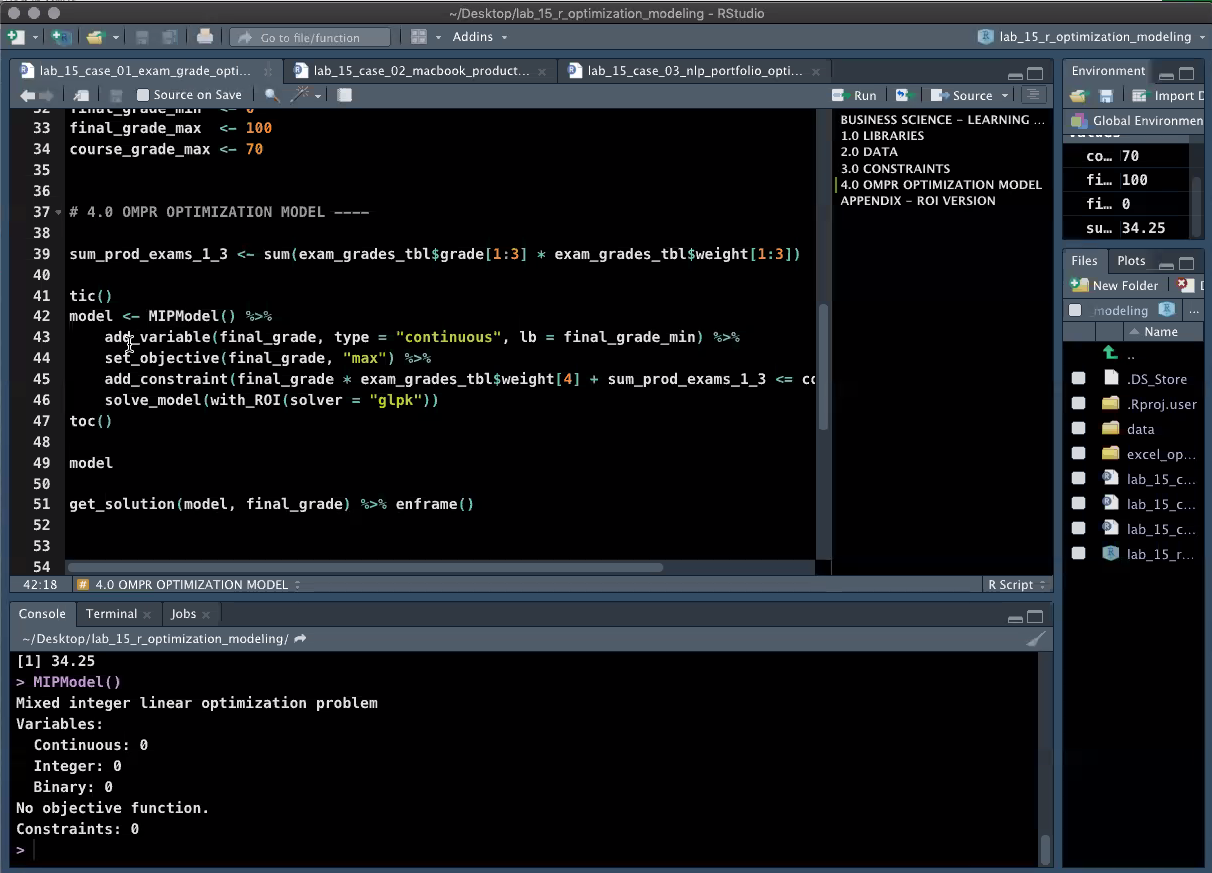




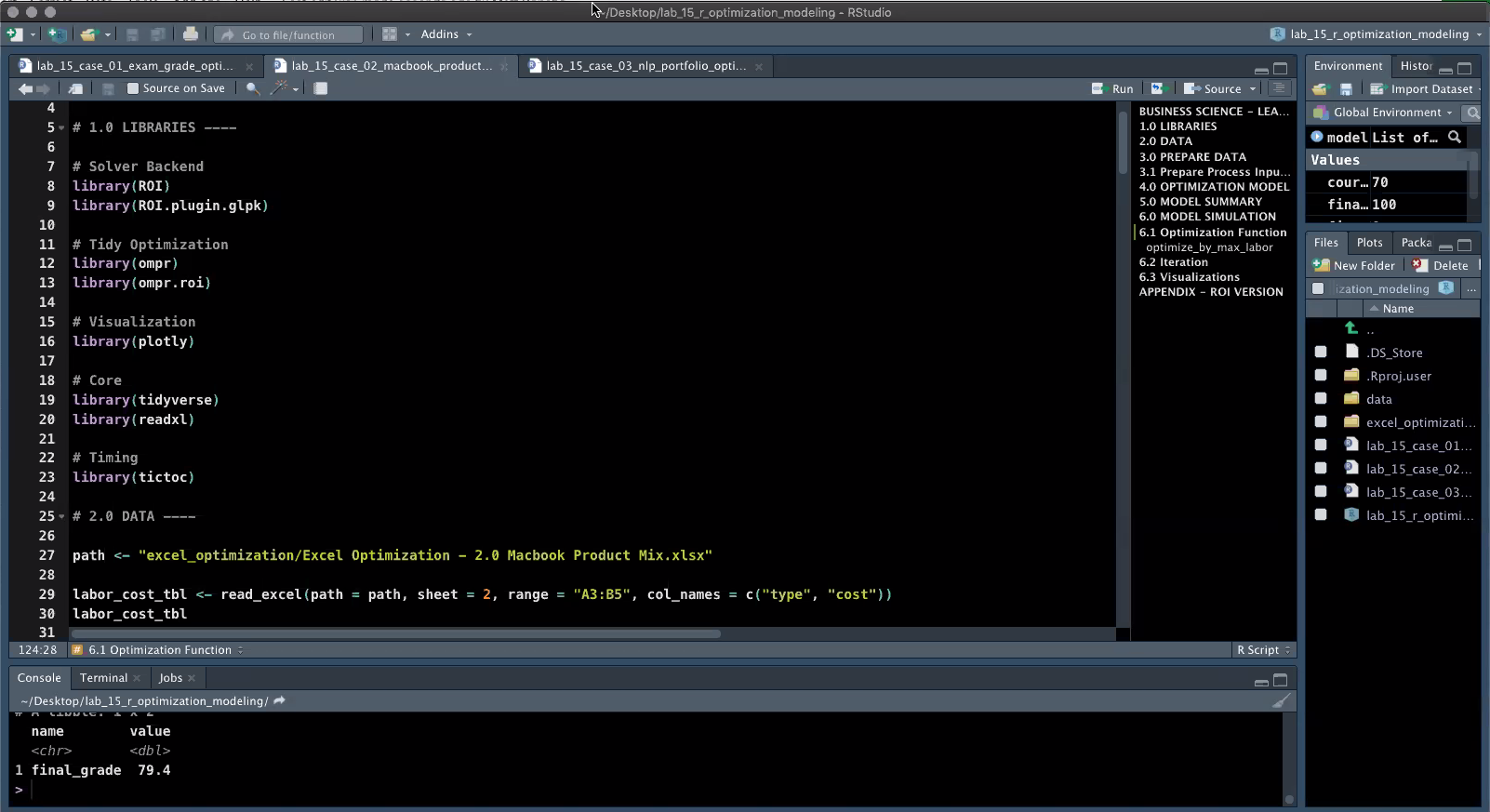
Examples

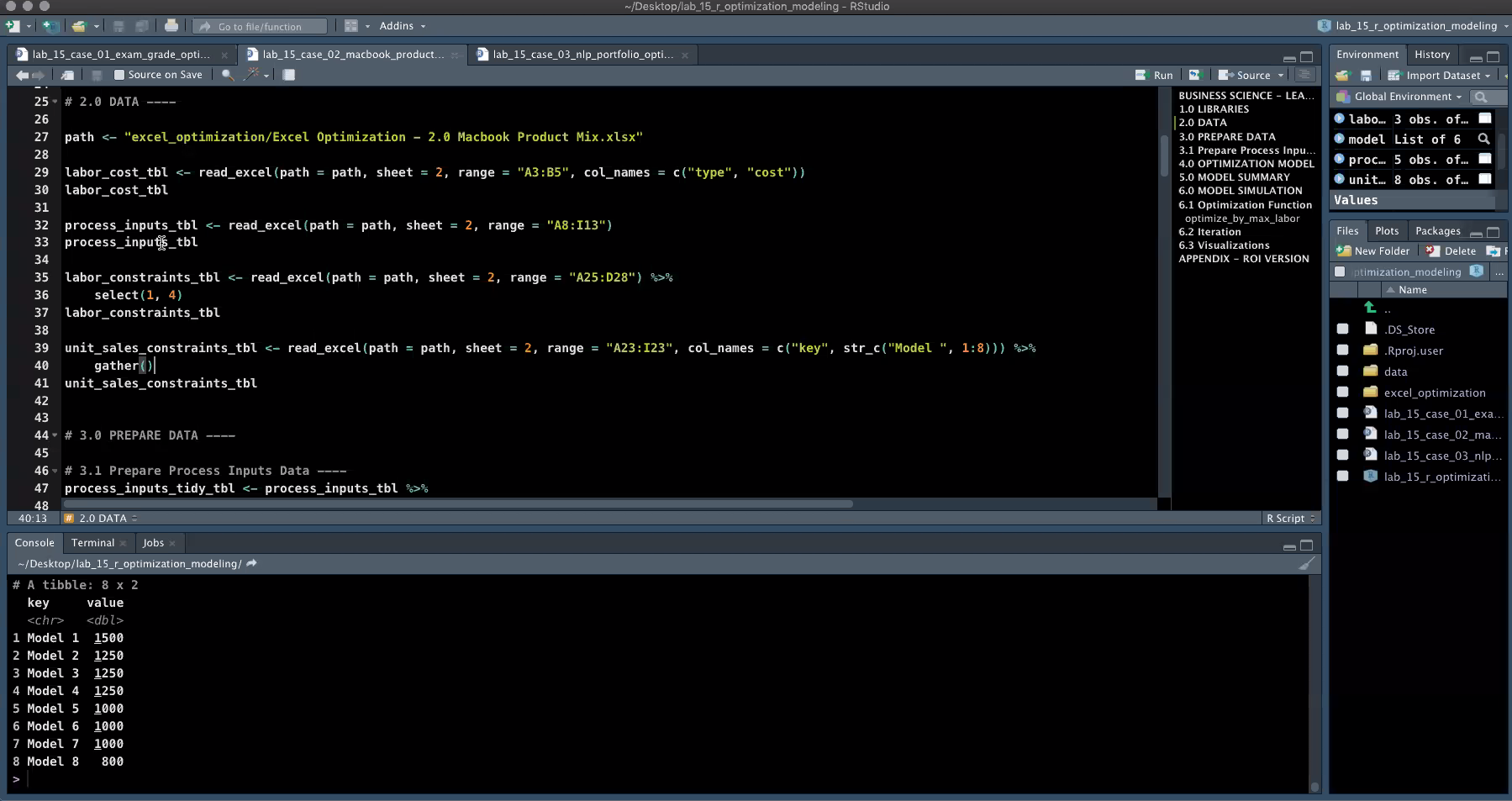




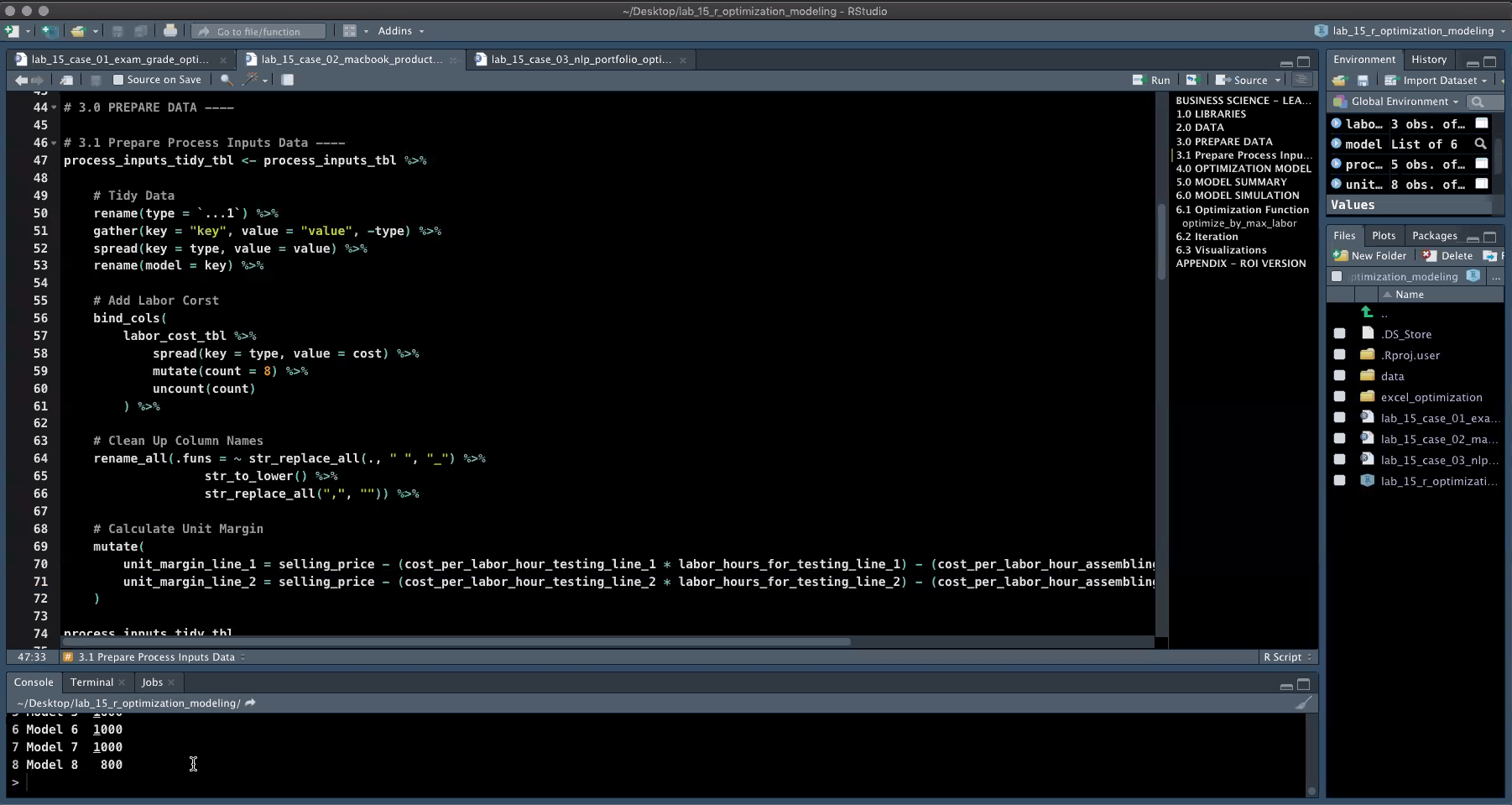


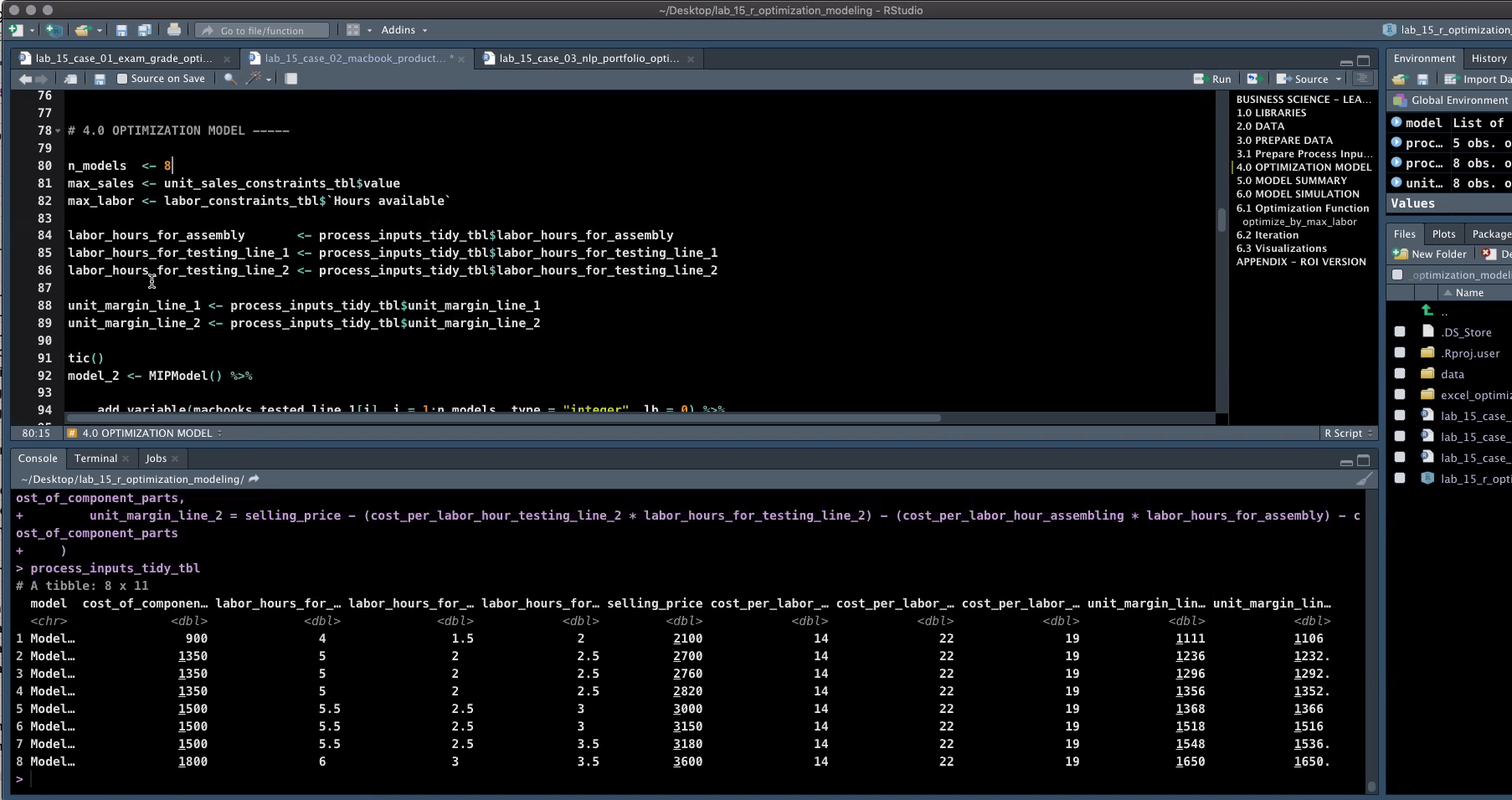
**Example 2: Using OMPR package for more variables**



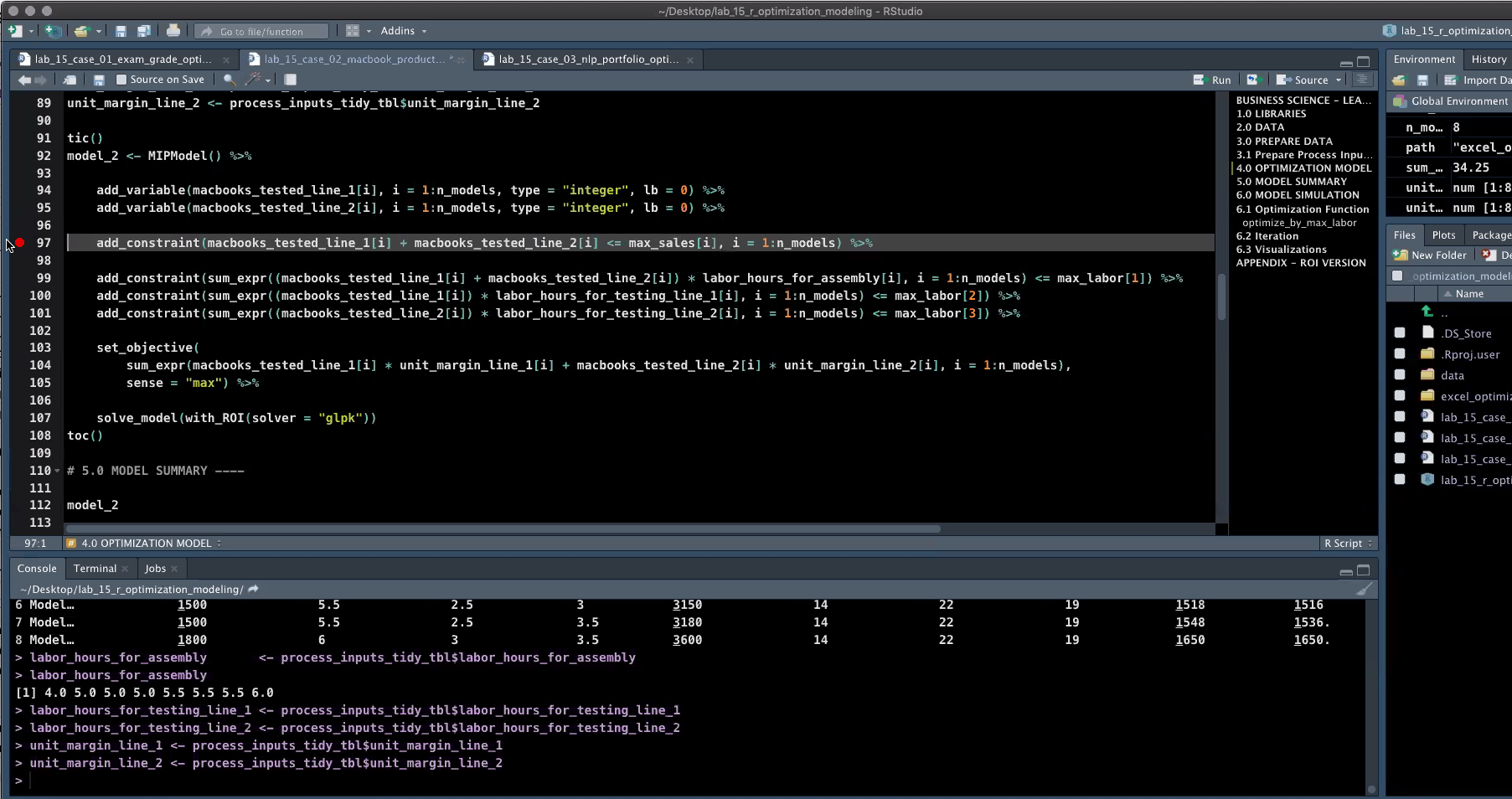


**Cleanup**

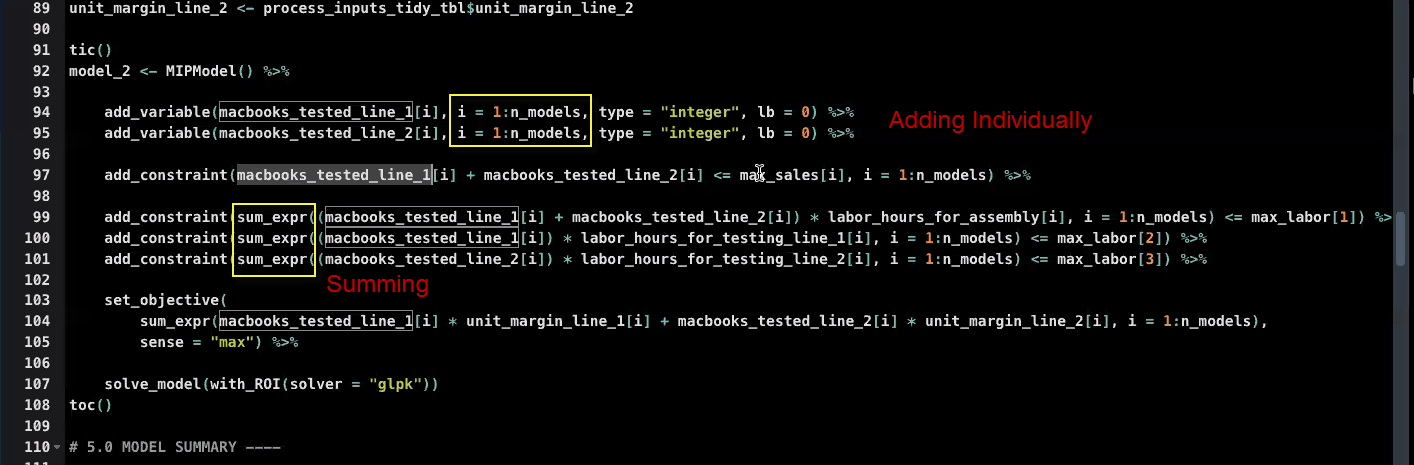


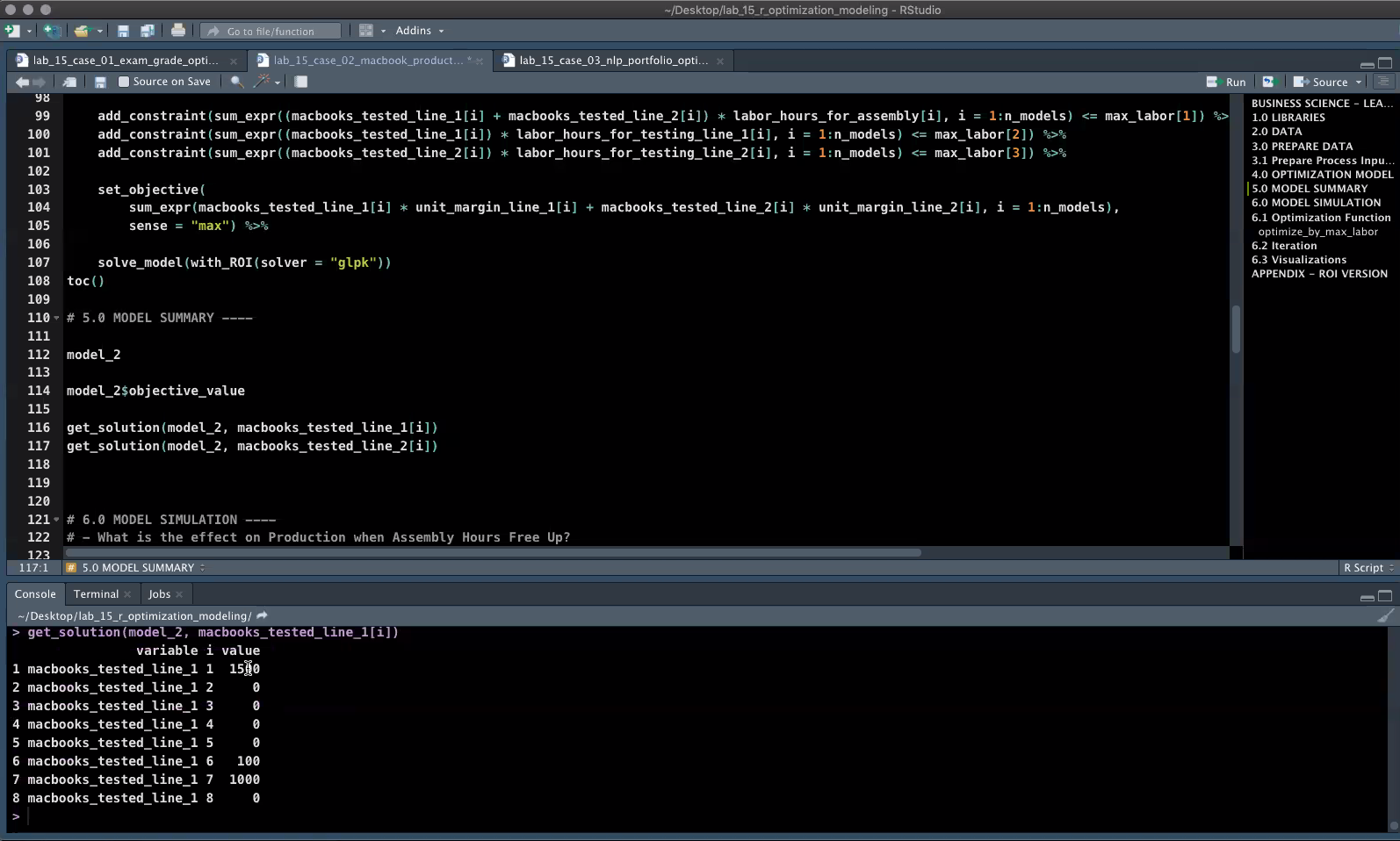


**Solving for multiple decision variables using ‘i’ below**

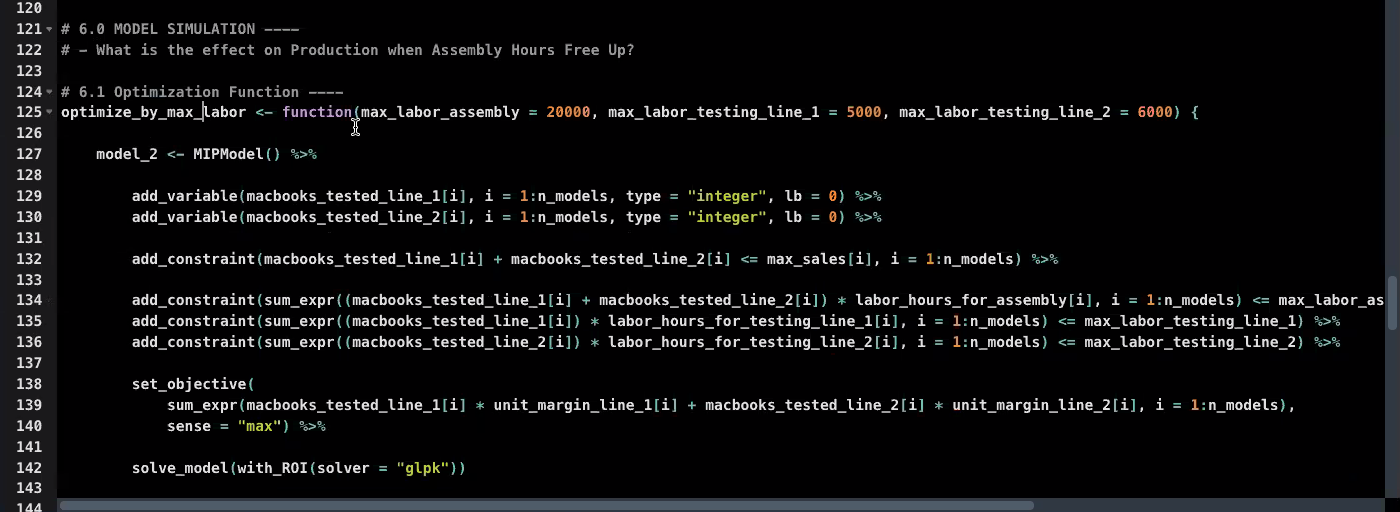


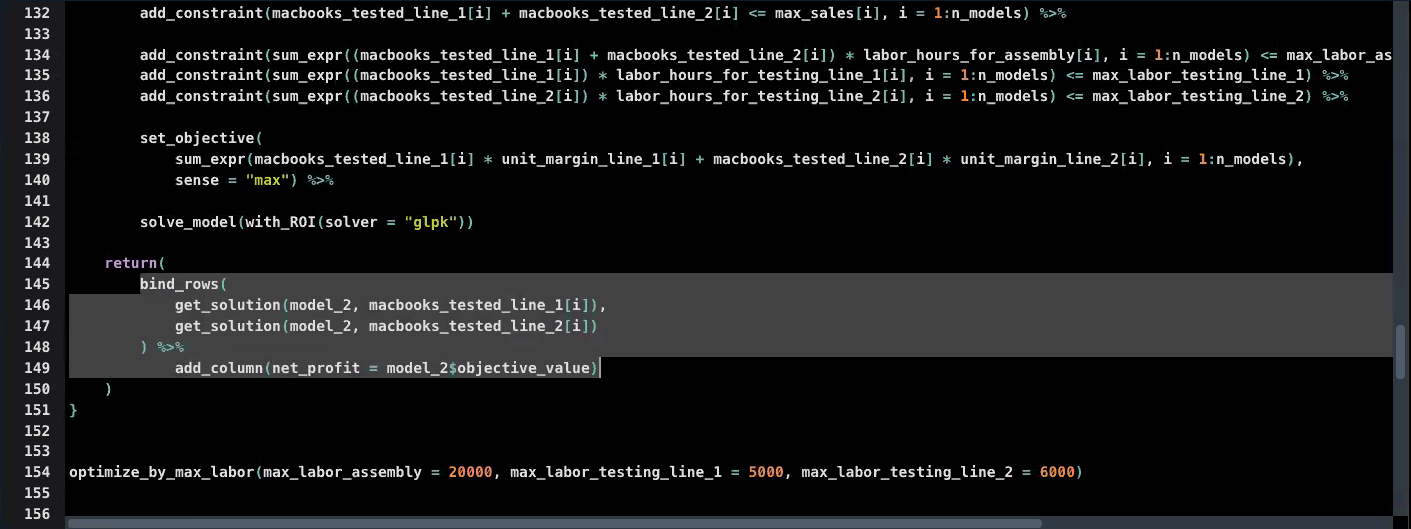
**Zoomed version**



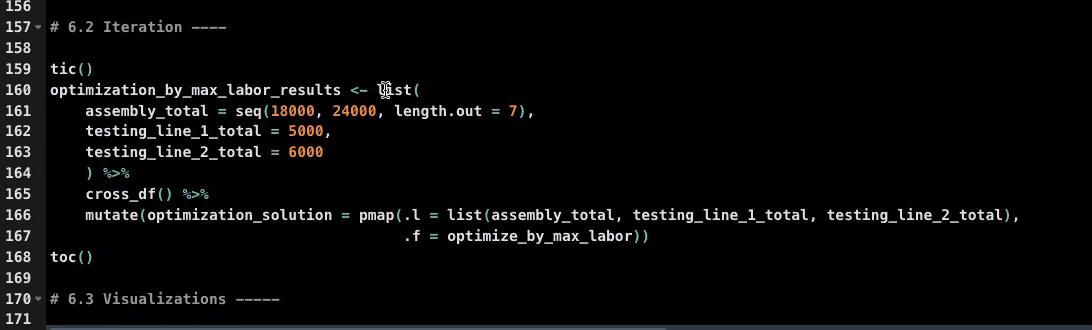


**Optimization problem**

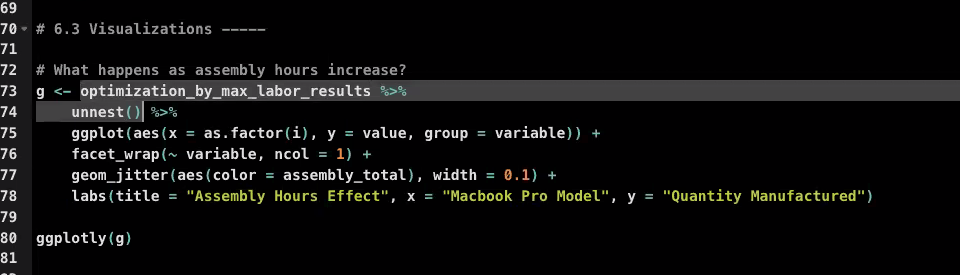




* **Cross df converts to dataframe (grid)**
* **pmap – maps function**



* **ggplotly – ggplot + plotly (interactive charts)**



* **Same thing using just ROI – needs knowledge of matrix math. That is why OMPR package. But OMPR only does linear programming.**

