Interweave model

Computation

```
```{python}
model = ols(formula='y ~ x',
data=df).fit(cov_type='HC3')
table1_results = model.summary()
```

# Composition

Vivamus lacinia odio vitae vestibulum. Donec in efficitur leo. Suspendisse potenti. Nullam fringilla orci lacinia `table1\_results`

### Computation

```
echo "Hello, World!"

for i in {1..5}; do

done
```

# Composition

Integer elementum, libero sed semper auctor, augue justo pulvinar mauris, nec sollicitudin lorem felis at purus. Etiam in arcu nec orci dictum lacinia.

local environment

# Tracked model with structured interfacing

#### Computation self-documenting Composition static ledger LaTeX #./pubdata.toml #!/R/t test.R We can incorporate dynamic res = t.test( x = iris\$Sepal.Length, data directly into a LaTeX y = iris\$Sepal.Width environment. For example the value in \$p = test p value = round(res\$p.value,3) \INSERT{test p value}\$ has been dynamically generated. ▶ [test p value] publish data(test p value) description = "Result of t-test analysis on X and Y data." generating script = "{dynamic link}" timestamp = "{dynamic timestamp}" Markdown #!python/regression.py model = ols(formula='y ~ x', data=df).fit(cov type='HC3') # Section 1 [table1 results] table1 results = model.summary() We can similarly dynamically value = """ table1 results ===== OLS Regression Results ====== insert data in markdown Dep. Variable: R-squared: files. Model: Adj. R-squared: 1.000 Method: Least Squares publish data(<u>table1 results</u>) -statistic: 7.538e+28 \INSERT{table1 results} Tue, 03 Oct 2023 1.07e-43 Prob (F-statistic): description = "Table summarizing key findings in scientific research." generating script = "{dynamic link}" timestamp = "{dynamic timestamp}" future integration as a dynamic ledger nested containers containerized environment