



STATISTICS PANEL

Use this panel to build pivot tables and charts from your project data with a simple drag-and-drop interface (powered by PivotTable.js).

Quick start

1. Choose a data source: Links, Factors (Work in progress!), or Sources.
2. Choose the stage: **After Analysis Pipeline** (matches your filters elsewhere) or **Before Analysis Pipeline** (raw data).
3. Pick a display: Table, Heatmap, or a Plotly chart.

Arrange fields (drag and drop)

- Drag field chips from the left list into the drop zones:
- **Rows**: categories listed down the left.
- **Columns**: categories across the top.
- **Values / Measure**: the numeric field used for calculations (when needed).
- Reorder by dragging within a zone; remove by dragging out or clicking **x**.

Choose the calculation ("Summarize by")

- Use the aggregator dropdown to select how numbers are calculated:
- **Count** (default) – how many rows fall into each cell.
- **Sum of / Average of / Min / Max** – pick a numeric field (e.g. `ai_confidence`, text length, counts).
- **Unique Count** – how many distinct values of a field occur.
- Example: to average AI confidence by region and sentiment
- Put `custom_-Region` in Rows and `sentiment` in Columns
- Set aggregator to **Average of** and choose `ai_confidence` as the field

Filter or exclude values

- Every field chip has a filter menu. Click it to include/exclude values.
- Use the search box, then tick/untick items. "Select All" toggles everything.
- Filters apply immediately and are remembered in the URL so you can share the view.

Sort and tidy

- Click any row/column header to sort by label or by totals.
- Subtotals and grand totals are included automatically in table views.
- Remove empty columns quickly by excluding the blank value in that field's filter.

Heatmaps and charts

- Switch the renderer to **Heatmap**, **Row Heatmap**, or **Col Heatmap** for quick intensity views (colors match the app palette).
- Choose Plotly renderers for interactive **Bar**, **Line**, **Scatter**, **Stacked Bar**, **Area**, or **Multiple Pie** charts.

Export and sharing

- Use the toolbar to **Copy to Clipboard** or **Download XLSX** of the current table.
- The current configuration is saved in the URL automatically; bookmark or share it with collaborators.

Notes on the datasets

- **Links**: every causal link plus metadata; includes AI fields (e.g. confidence) and reserved columns like `original_cause`, `original_effect`.
- **Factors**: unique factors with frequency, source count, citations, and `original_label` (ALL underlying original labels for the displayed factor, concatenated with line breaks, derived from the current stage's links like `original_cause/effect`).
- **Sources**: document metadata and flattened custom fields (`custom_*`).

💡 Tip: For results that match other panels, use **After Analysis Pipeline**.