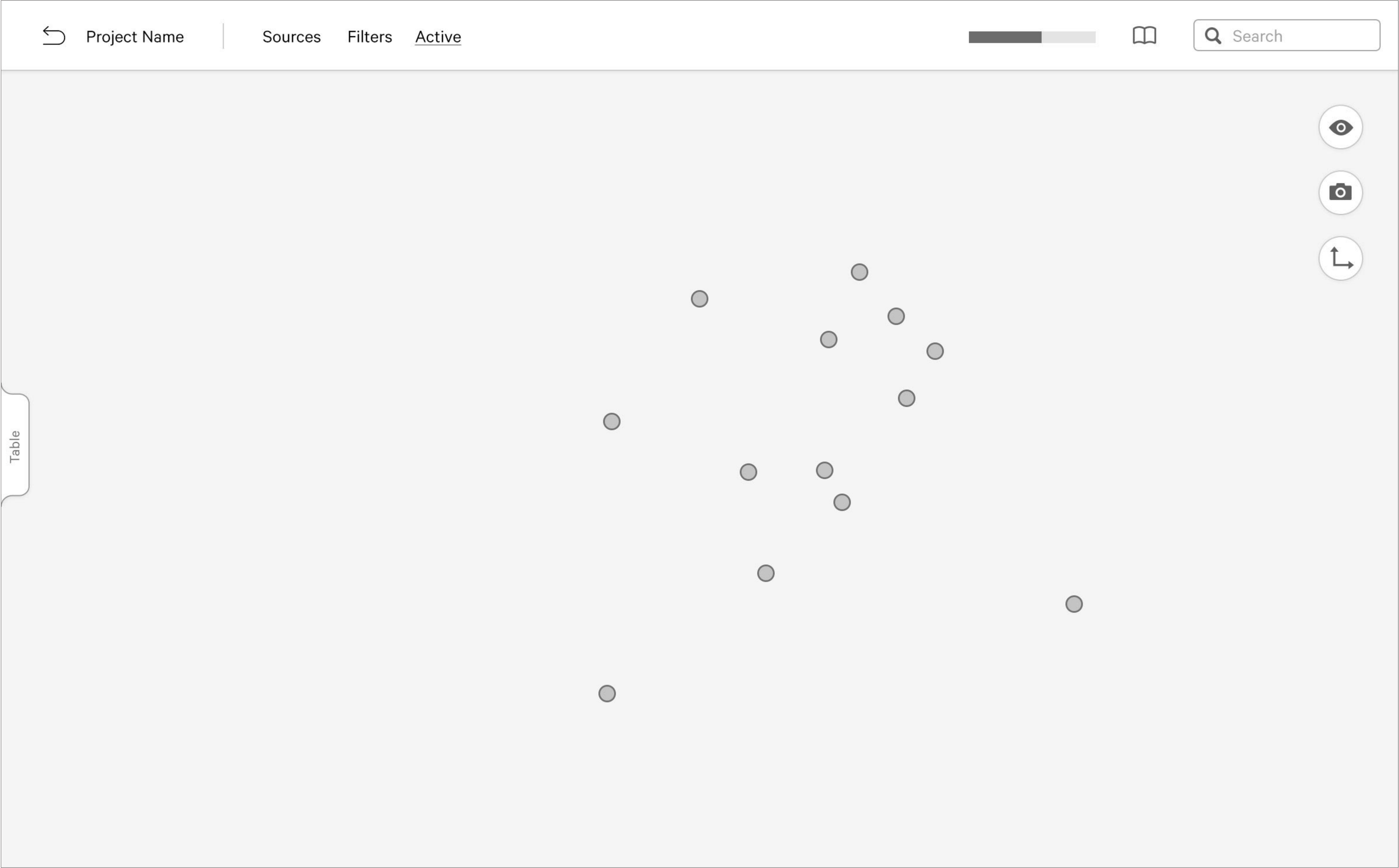
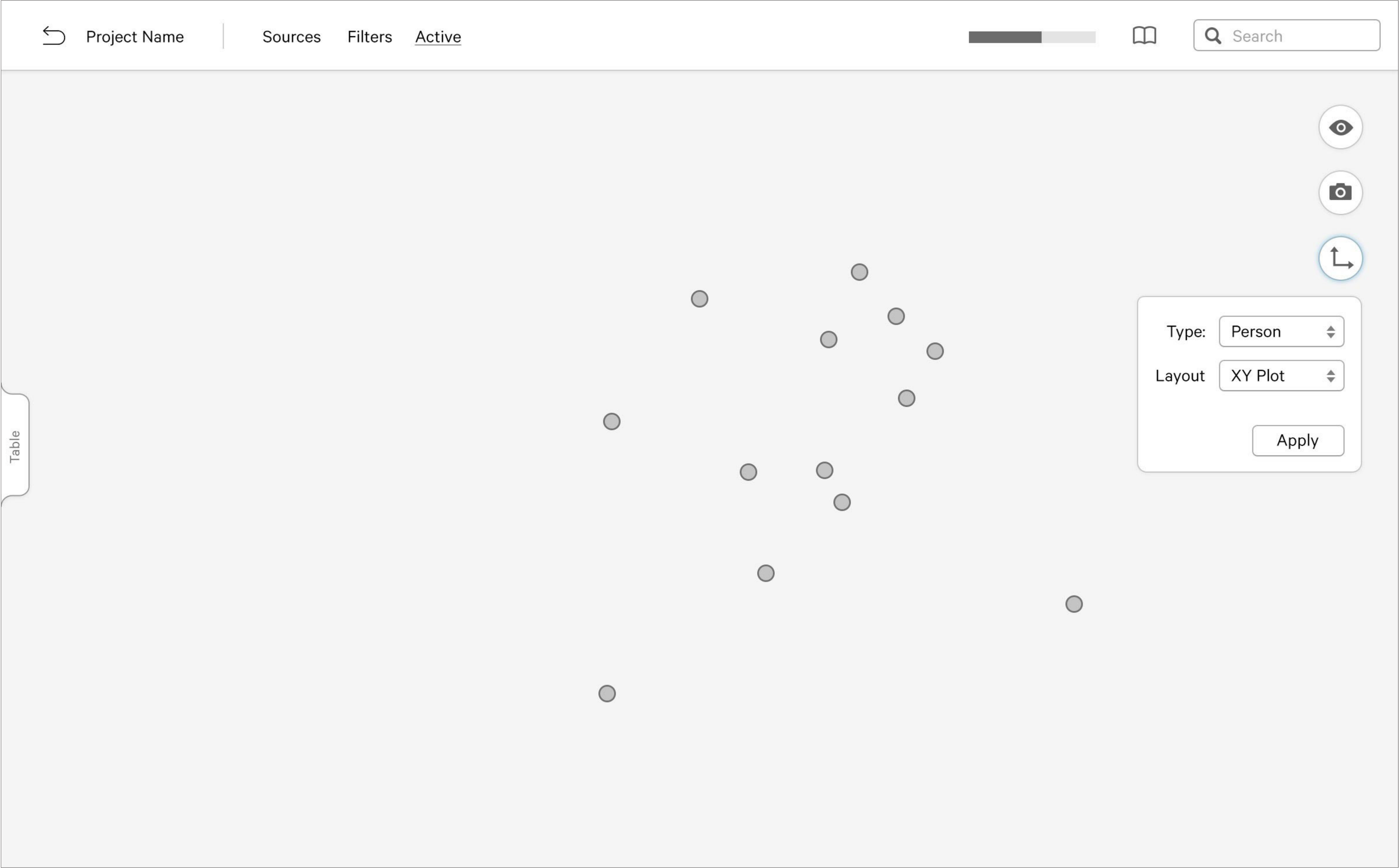


Assisted Layout Tools (x/y plot) v2 (1)



Here we have a canvas full of Person nodes. We want to use FI:BRA's layout tools to arrange them using their properties, to see if there's anything we can learn about them.

Assisted Layout Tools (x/y plot) v2 (2)



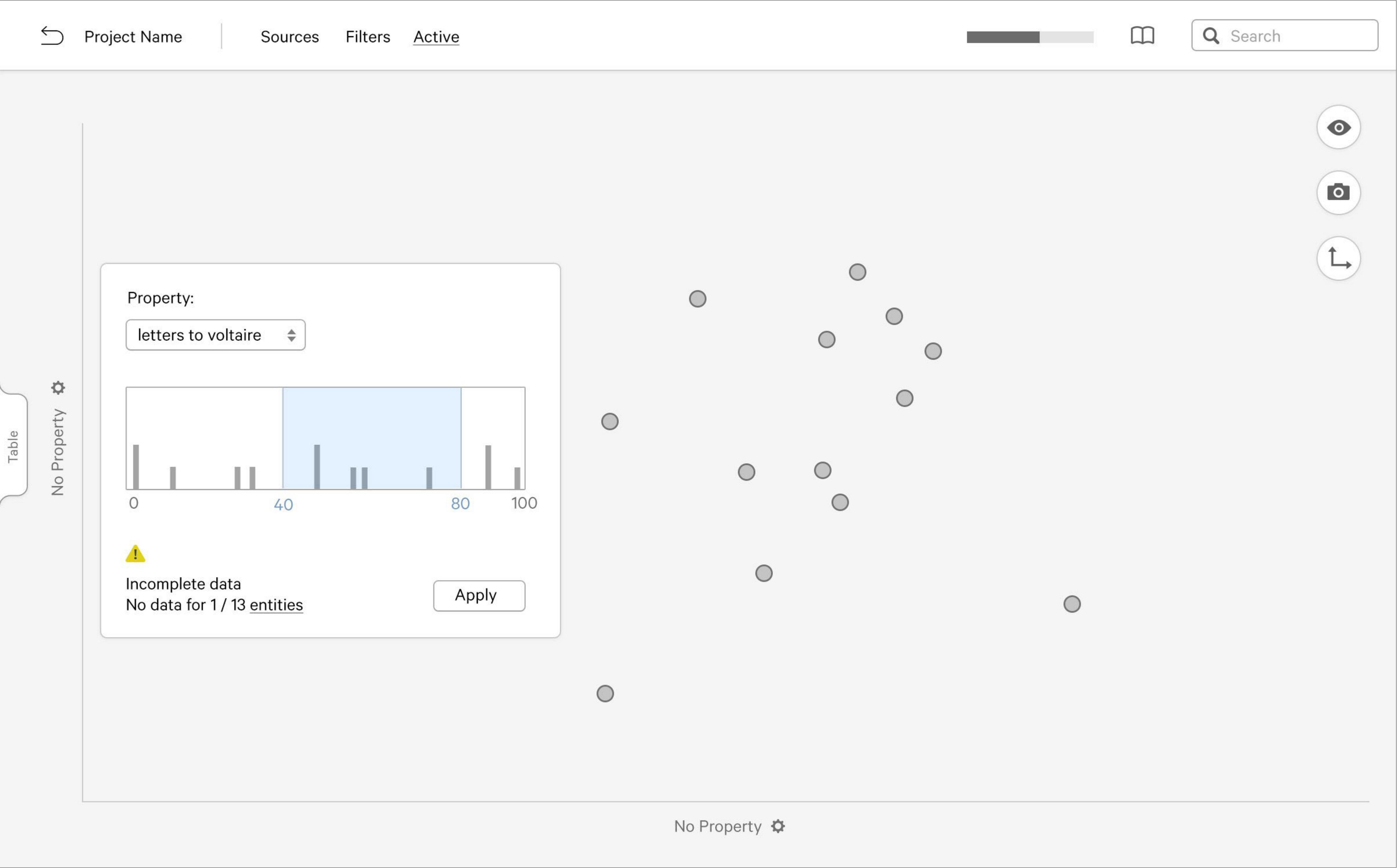
When we click on the Assisted Layout button, we need to make two choices to get started: what type of entity will we be arranging, and what layout we want to use.

Assisted Layout Tools (x/y plot) v2 (3)



After selecting an x/y plot, we're given two empty axes on the graph. To set up one or both of those axes, we can click into their options.

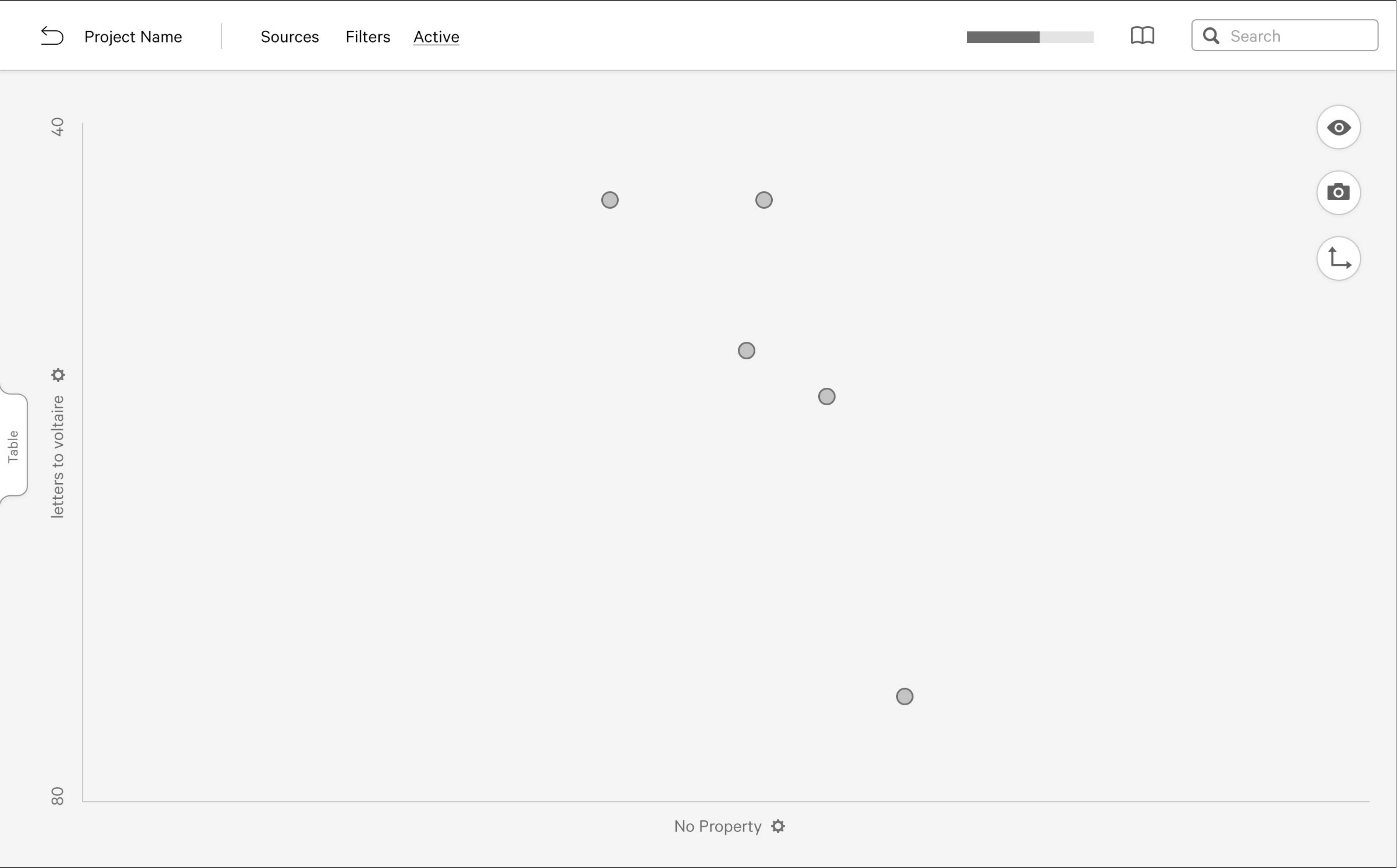
Assisted Layout Tools (x/y plot) v2 (4)



Starting with the vertical axis, we select the “letters to voltaire” property from the dropdown. FI:BRA knows it’s a numerical value, and shows us a histogram of the values of the property for the nodes in question. With this histogram, we can select the range we’re interested in. It’ll default to the maximum, but in this case, we know we’re only interested in people who have sent between 40 and 80 letters to Voltaire (a strange request, but you can see the usefulness for dates, for example).

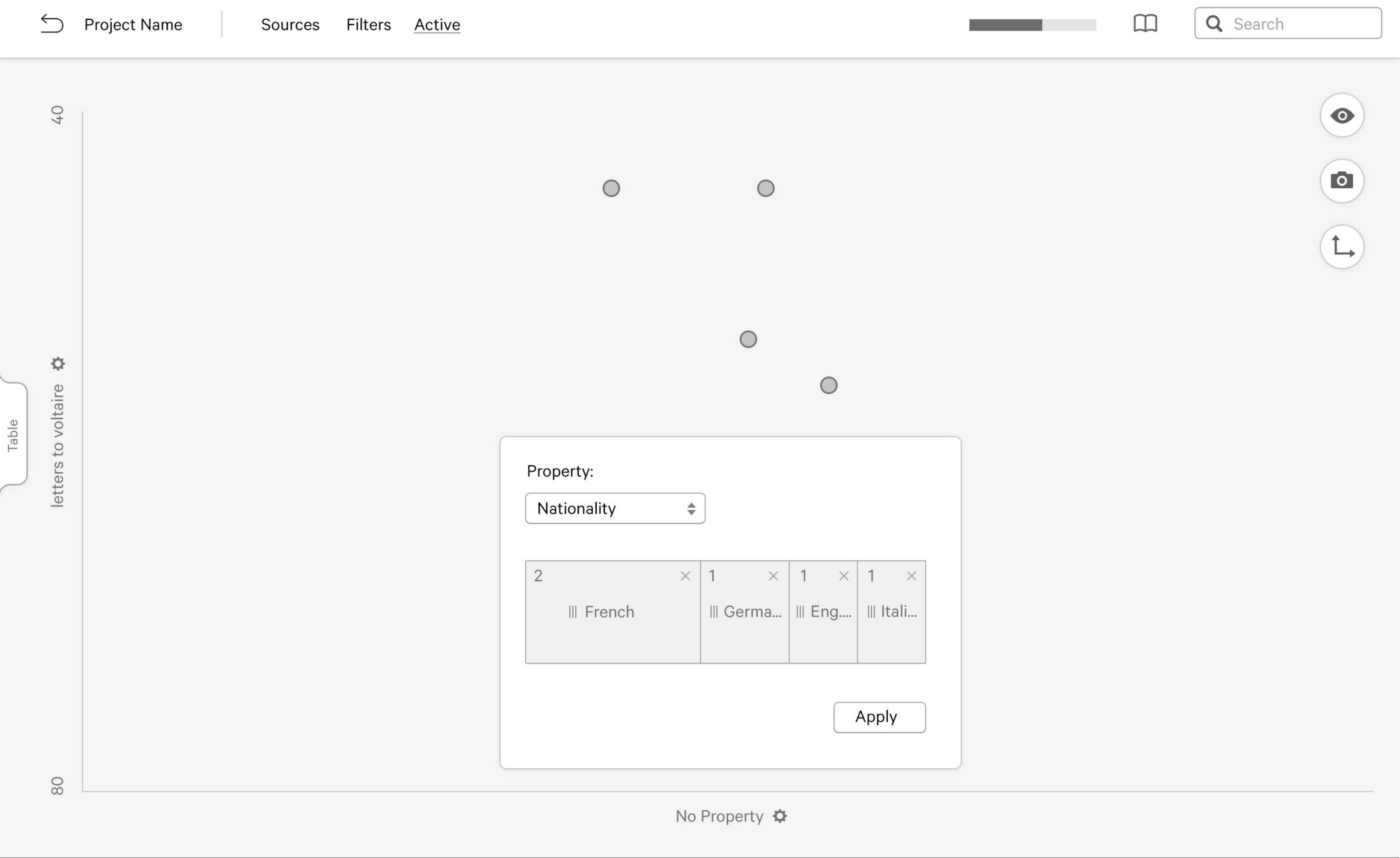
We’ll be warned if the data is incomplete, and any entities without the requisite data or outside the selected range will be ghosted once we apply this layout.

Assisted Layout Tools (x/y plot) v2 (5)



Hitting Apply hides the appropriate nodes, and moves the others into their position along the vertical axis in a smooth motion so as not to concern the humanists.

Assisted Layout Tools (x/y plot) v2 (6)



If we so choose, we can set up the horizontal axis next. Because we selected “Nationality”, which is nominal data instead of numerical, FI:BRA knows we’re looking to sort our nodes into categories. Instead of a histogram, we’re shown an elastic list with the count of entities that have each property. Just like the numerical values, we can select the ones we want to include/exclude with the x button in the top corner of each category, and rearrange them to suit our needs.

