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Quarto test– eqn cross refs

Unresolved cross-references in aligned equations

Aligned equations, using equation labels, like: `\begin{align*} equation \end{align}{#eq-glm}` work in HTML, *but not in PDF*. That is, they generate equation numbers which can be cross-referenced in HTML, but generate warnings in PDF and the cross-refs print as `?@eq-glm`.

In Quarto, constructs like this already imply an equation environment in LaTeX, so they cannot be included within `$$ ... $$`

There is discussion of this in Quarto-dev

An example is:

```
\begin{align*}
\mathbf{y} & = \beta_0 + \beta_1 \mathbf{x}_1 + \beta_2 \mathbf{x}_2 + \cdots + \beta_p \mathbf{x}
           & = \left[ \mathbf{1},\; \mathbf{x}_1,\; \mathbf{x}_2,\; \dots ,\; \mathbf{x}_p \right]
\end{align*} {#eq-glm}
```

Try this out:

$$\begin{aligned}\mathbf{y} &= \beta_0 + \beta_1 \mathbf{x}_1 + \beta_2 \mathbf{x}_2 + \cdots + \beta_p \mathbf{x}_p + \epsilon \\ &= \left[\mathbf{1},\; \mathbf{x}_1,\; \mathbf{x}_2,\; \dots ,\; \mathbf{x}_p \right] \; \beta + \epsilon\end{aligned}$$

{#eq-glm}

As you see in **?@eq-glm** ...

Or, try this with the `aligned` environment which can be used inside `$$ ... $$`

$$\begin{aligned}\mathbf{y} &= \beta_0 + \beta_1 \mathbf{x}_1 + \beta_2 \mathbf{x}_2 + \cdots + \beta_p \mathbf{x}_p + \epsilon \\ &= \left[\mathbf{1},\; \mathbf{x}_1,\; \mathbf{x}_2,\; \dots ,\; \mathbf{x}_p \right] \; \beta + \epsilon\end{aligned} \tag{1}$$

As you see in Equation 1 ...

Index entries

Want to index function references automatically.

The functions `lm()` and `car::vif()` are good test cases.