Colin – Heatmap Arrow Instructions.

Hi Faizan,

As discussed, I'm attaching a zip folder that contains:

* the Rmd entitled "ShinyFlexDashboard\_finalversion"
* the Rmd entitled "Heatmap\_v8"

Supporting files also included are the excel files, the user\_input file, and the heatmap\_function for the Shiny app.

When running both Rmd files, I suddenly generate an error message on the last block of code, saying that "Free scales cannot be mixed with a fixed aspect ratio."  Not sure what happened here -- I have not been running these RMDs recently because we put the heatmap on a server 😄.

The job for both Rmd files is to re-code  the arrows in the heatmap to meet the following conditional statements:

* Indicate growing risk (arrow up) if right-tailed risk and if the current minus the previous quarter is positive (and vice versa)  -- what we currently have
* Indicate growing risk (arrow up) if left-tailed risk and if the current minus the previous quarter is negative (and vice versa) -- falling values indicate growing risk (note currently no left tailed indicators in the suite but I need the functionality)
* Indicate growing risk (arrow up) if two-tailed risk and if the current minus the previous quarter is positive for values above the 50th percentile of the distribution AND if current minus previous quarter is negative for values below the 50th percentile (and vice versa)

With many thanks!

Colin