Convert Spreadsheet study to ACSIL study

Study 2:
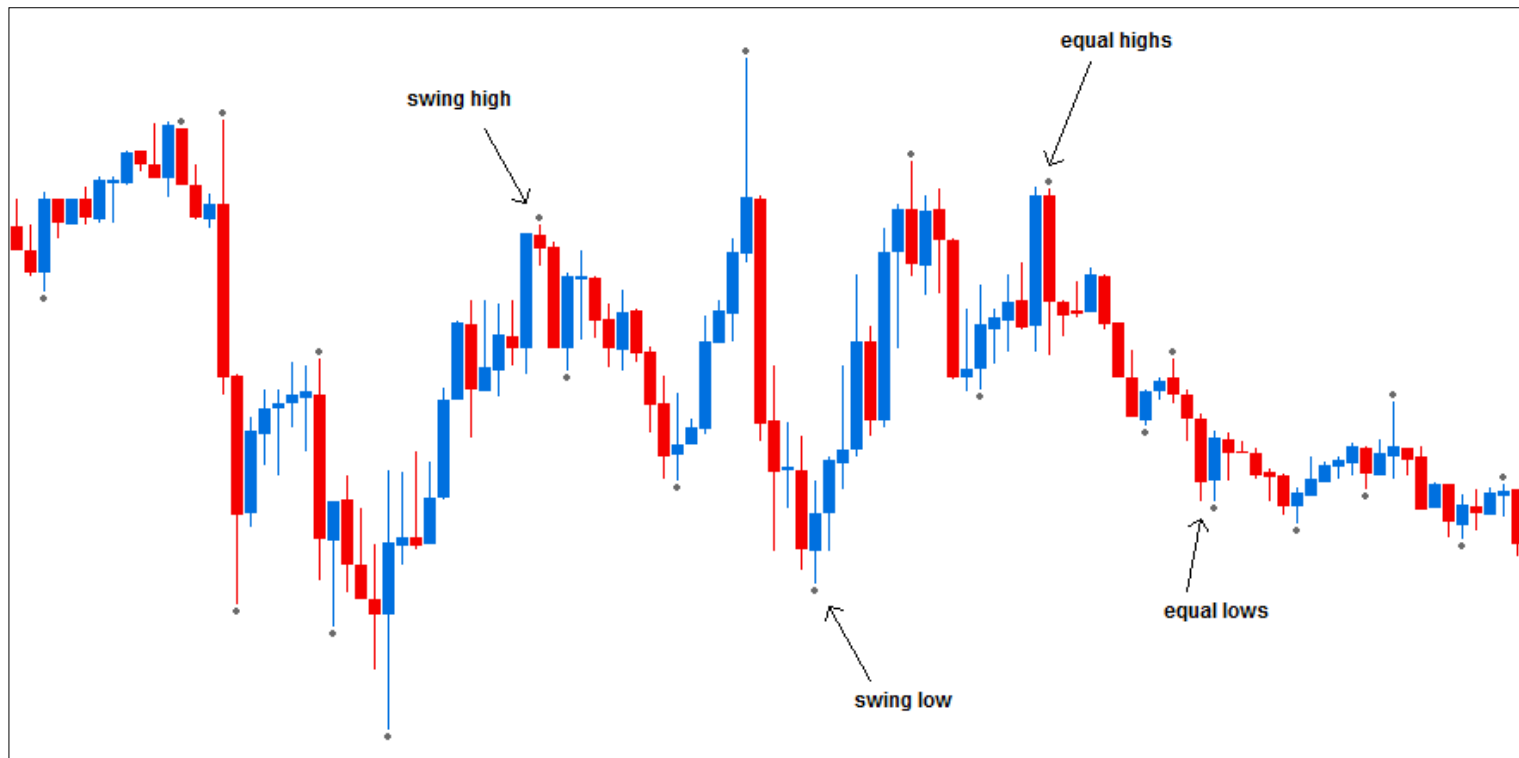**Swing Points**

Study short name:
sw-p

Definition / Logic :
Swing High = at least 2 lower highs to the left and at least 2 lower highs to the right
Swing Low = at least 2 higher lows to the left and at least 2 higher lows to the right
Equal highs / lows: if there are equal highs / lows (there can be quite a few beside each other) they are treated as merged together and only the last
equal high / low is marked as swing high / low.

Here's a chart example of how I define swing points:

Rounding:
For rounding / the way the highs / lows are compared, it should be possible to define the decimal places in the study settings / inputs.
E.g. in FX, I round USD pairs to 4 decimal places and the JPY pairs to 2 decimal places. That way there are not too many and only the clear swing points.

There is an existing study in SC called "Swing High And Low", but this doesn't show the same as result / swing high / lows as "my" study. Please see the following screenshot for comparison. In case SC's study is useful for the code, it can be found in SC's "sudies7.cpp".

I hope this information is sufficient to create this study in ACSIL. In case you need the spreadsheet file with it's calculations, please let me know.