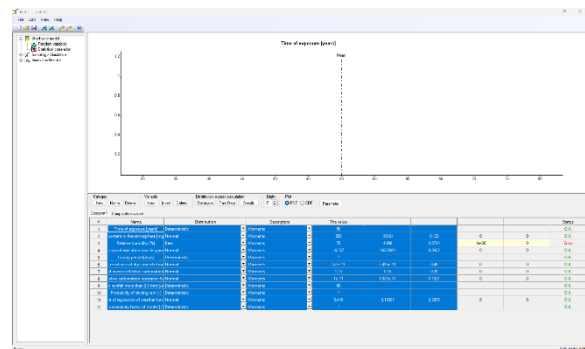
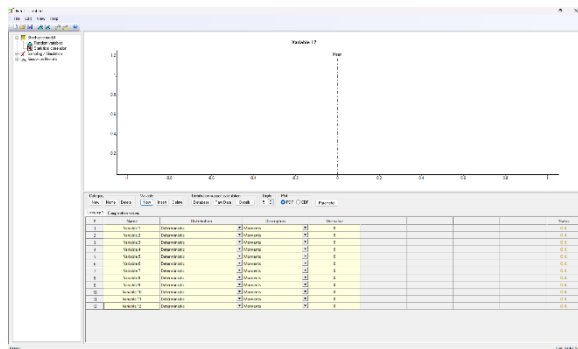


- The area of stochastic model from I to N columns corresponding to input parameters (rows 17–28 in this case) need to be in the format based on FReET software needs (no sub/superscripts in column I, name of distribution type based on FReET with the first capital letter, descriptor 'Moments' to describe the inputs using Mean, Std and COV values). If everything is ready, the table area can also be copied to a new .fre file as follows:

Open a new .fre file and prepare the number of rows corresponding to number of inputs → copy the stochastic model from excel sheet → paste it to the cell 'Name #1' → check and correct if necessary (e.g. limits for variable #3 in this specific case)



- To prevent unwanted changes in calculation cells, the relevant areas of Excel files are locked. Procedure 'How to lock only a selected area against editing' is as follows:

1) First, unlock all cells:

Press Ctrl + A (select all cells).

Right-click → Format Cells → Lock tab (or Protection).

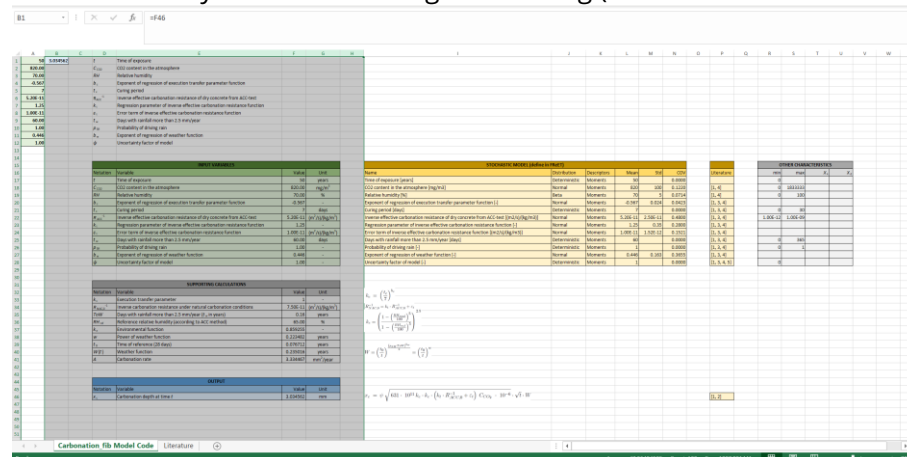
Uncheck Locked.

Confirm with OK.

--> This tells Excel that the cells will not be protected even if you enable sheet protection.

2) Select the area to lock:

Select the cells you want to lock against editing (from B column to H column).



Right-click again → Format Cells → Lock tab (or Protection).

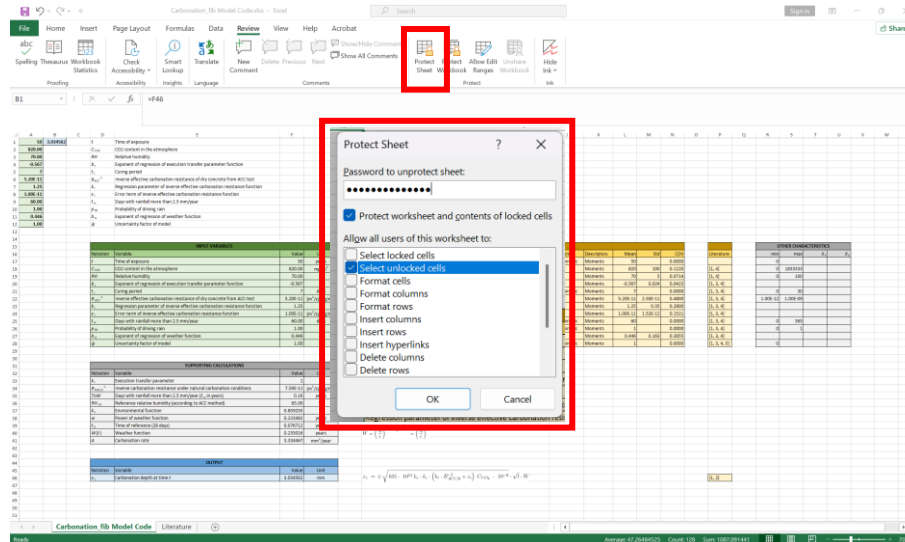
Check Locked → OK.

3) Turn on sheet protection:

On the Review tab, click Protect Sheet.

Check what users are allowed to do ("Select unlocked cells").

Set a password to 'ATCZ00068_IREC' → OK.



--> Result: Locked cells (those you selected in step 2) cannot be changed. Unlocked cells remain freely editable.

- 4) In case you need to edit the excel template it is necessary to unlock the sheet:
On the Review tab, click Unprotect Sheet.
When the editing is finished lock the area (columns B to H) again.

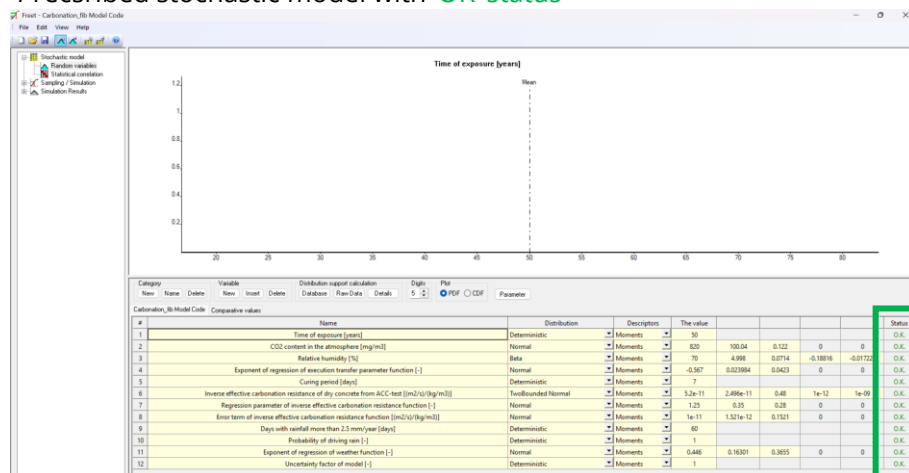
2nd sheet:

- The list of literature sources (notation in A column, citation in B column)

A	B
[1] ffb TG 5.6 (2007) ffb Model Code for Service Life Design – Proposal for future ffb Model Code, 2005.	
[2] Gehlen, Ch. (2000) Probabilistische Lebensdauerbemessung Stahlbetonbauwerken, Zuverlässigkeitsbetrachtungen zur wirksamen Vermeidung von Bewehrungskorrosion. Heft 510 der Schriftenreihe des DMSB, Beuth Verlag, Berlin, Germany.	
[3] Tepšlý, B., Rovnaníková, M., Vořechovský, D. & Rovnaník, P. (2015) ffbET Deterioration Module Program Documentation – Part 1 – Theory. Brno/Cervenka Consulting, Prague, Czech Republic.	
[4] Tepšlý, V., Tepšlý, B., Rovnaníková, M., Vořechovský, D. & Rovnaník, P. (2015) ffbET Deterioration Module Program Documentation – Part 2 – User Manual. Brno/Cervenka Consulting, Prague, Czech Republic.	
[5] Joint Committee on Structural Safety (2006). Accessible from http://www.jcss.ethz.ch .	

For every excel file please prepare the functional **.fre file** of the same name as excel file consisting of:

- Prescribed stochastic model with 'OK' status



- Loaded correct excel file with **Model function definition** in section 'Model Analysis'

