CaseSolver v2.1

Possible to use EFMex (GLR) in CaseSolver

$$LR_{GLR} = \frac{\max\limits_{j:POI \in H_j} \hat{L}_j}{\max\limits_{j:POI \notin H_j} \hat{L}_j}$$

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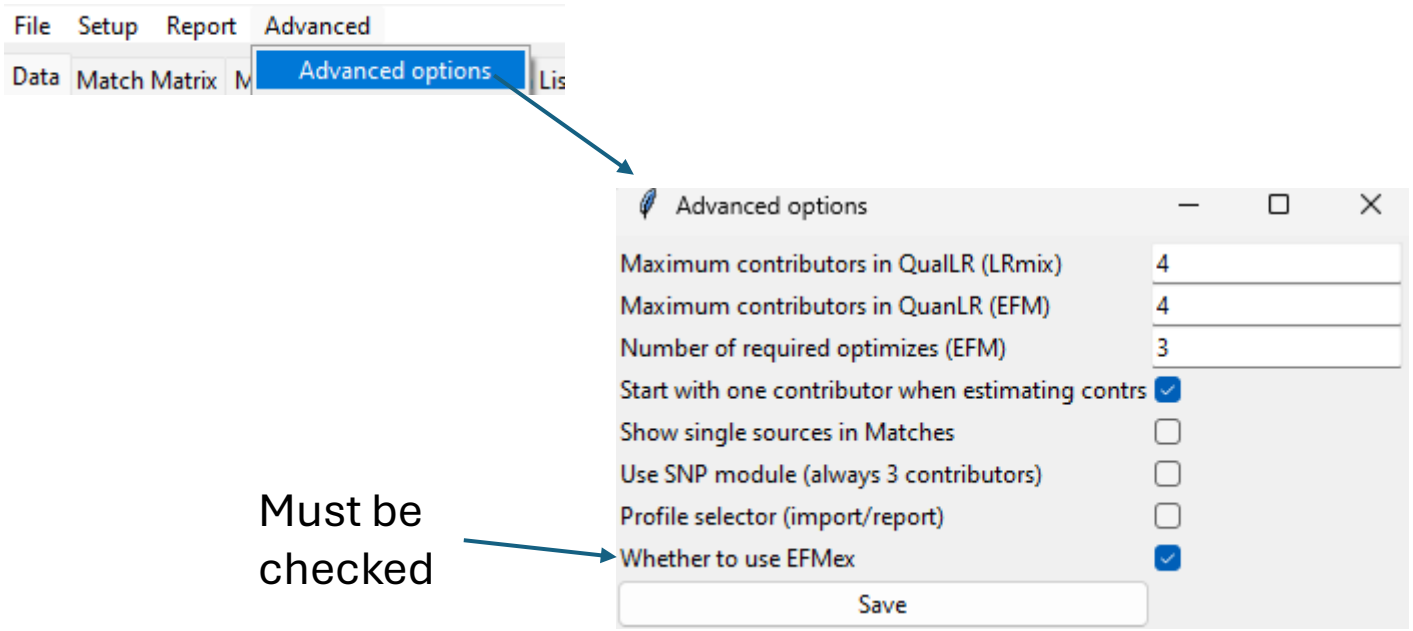
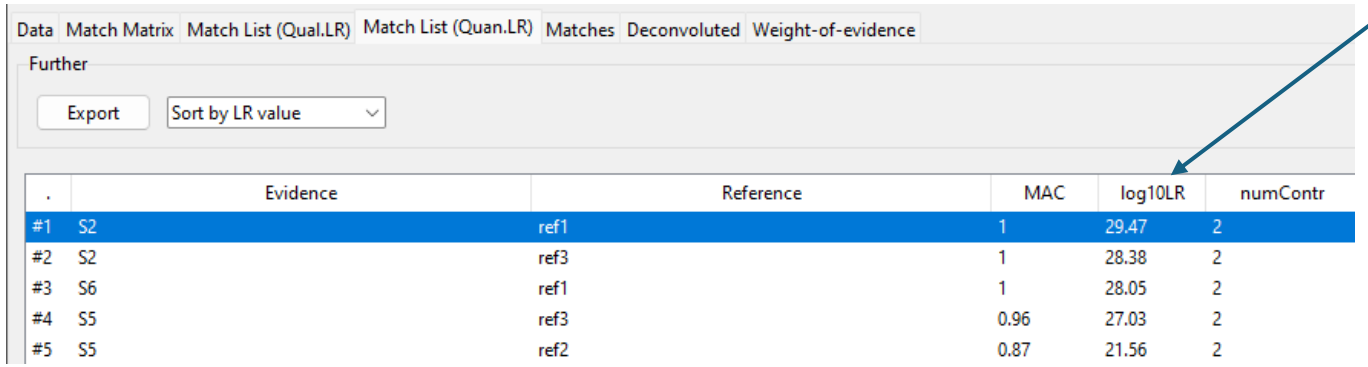
What needs to be done to activate EFMex



Affects the Quantitative calculations in two places in the program

1) Quantitative LR in «compare».

GLR



.	Evidence	Reference	MAC	log10LR	numContr
#1	S2	ref1	1	29.47	2
#2	S2	ref3	1	28.38	2
#3	S6	ref1	1	28.05	2
#4	S5	ref3	0.96	27.03	2
#5	S5	ref2	0.87	21.56	2

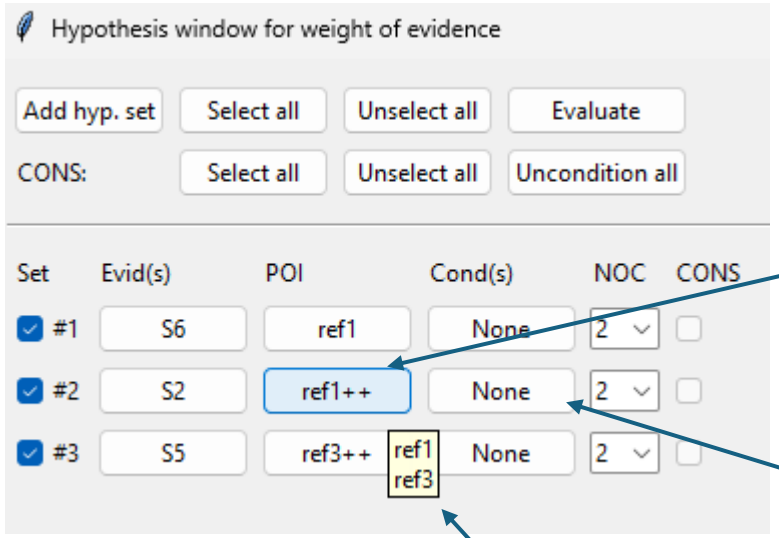
<u>The GLR of Reference:</u>

- Executed when multiple references are evaluated for a given Evidence
- Becomes same as before if only one reference is evaluated.

Double-clicking the line will give:

- «Expected PH-plot» for the **most likely hypothesis** under Hp
- Hence other references may show up together with Reference if they fit well

2) WoE hypothesis specification window



Multiple references can be assigned under POI. This excecutes the EFMex calculations (based on GLR)

Conditioning is still possible as before

Hover button to see which are the multiple POIs

Note: The hypothesis window is automatically filled with multiple POIs if the EFMex option is chosen.