Tutorial to work with VisualIRF 2.0

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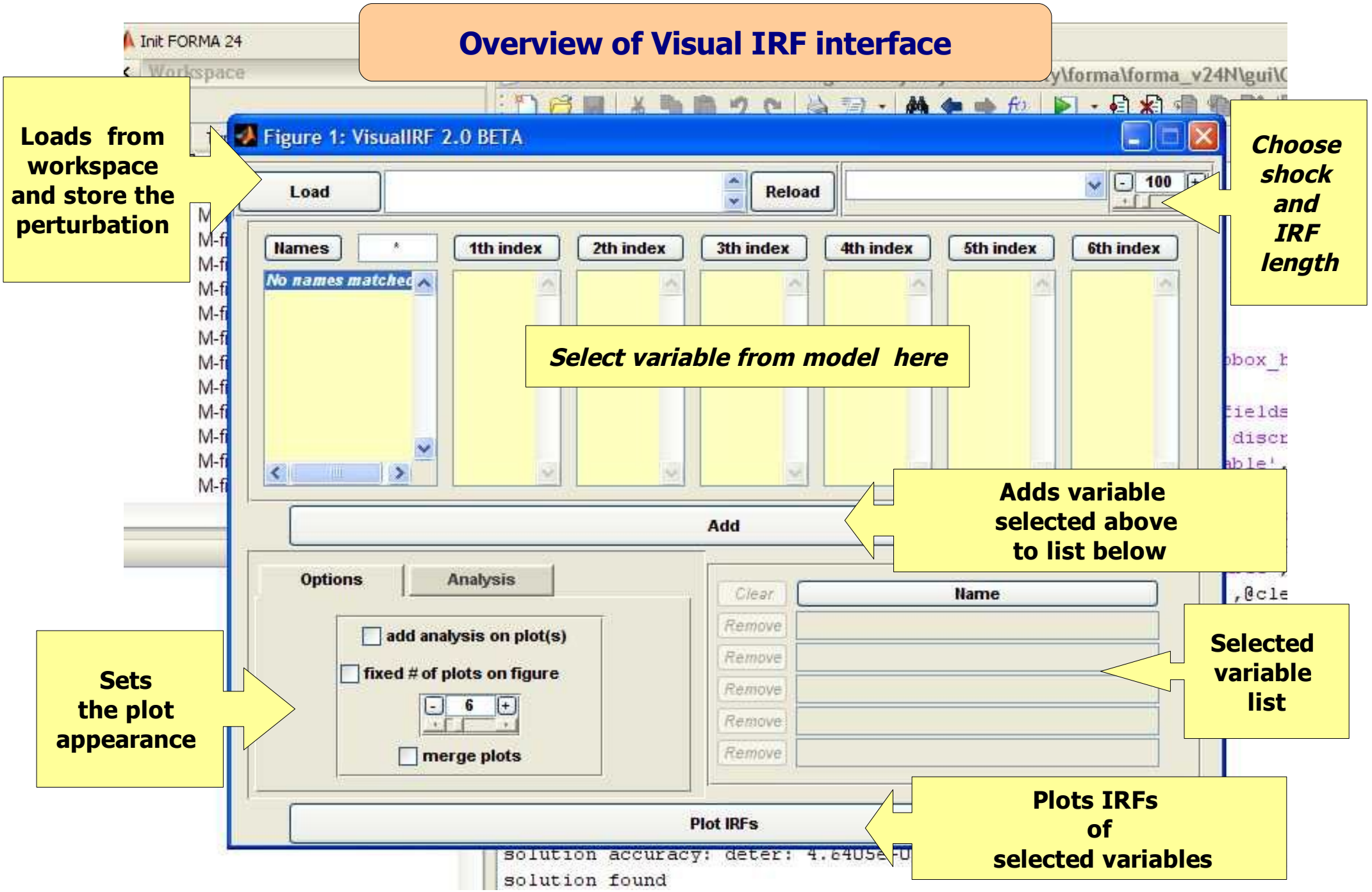
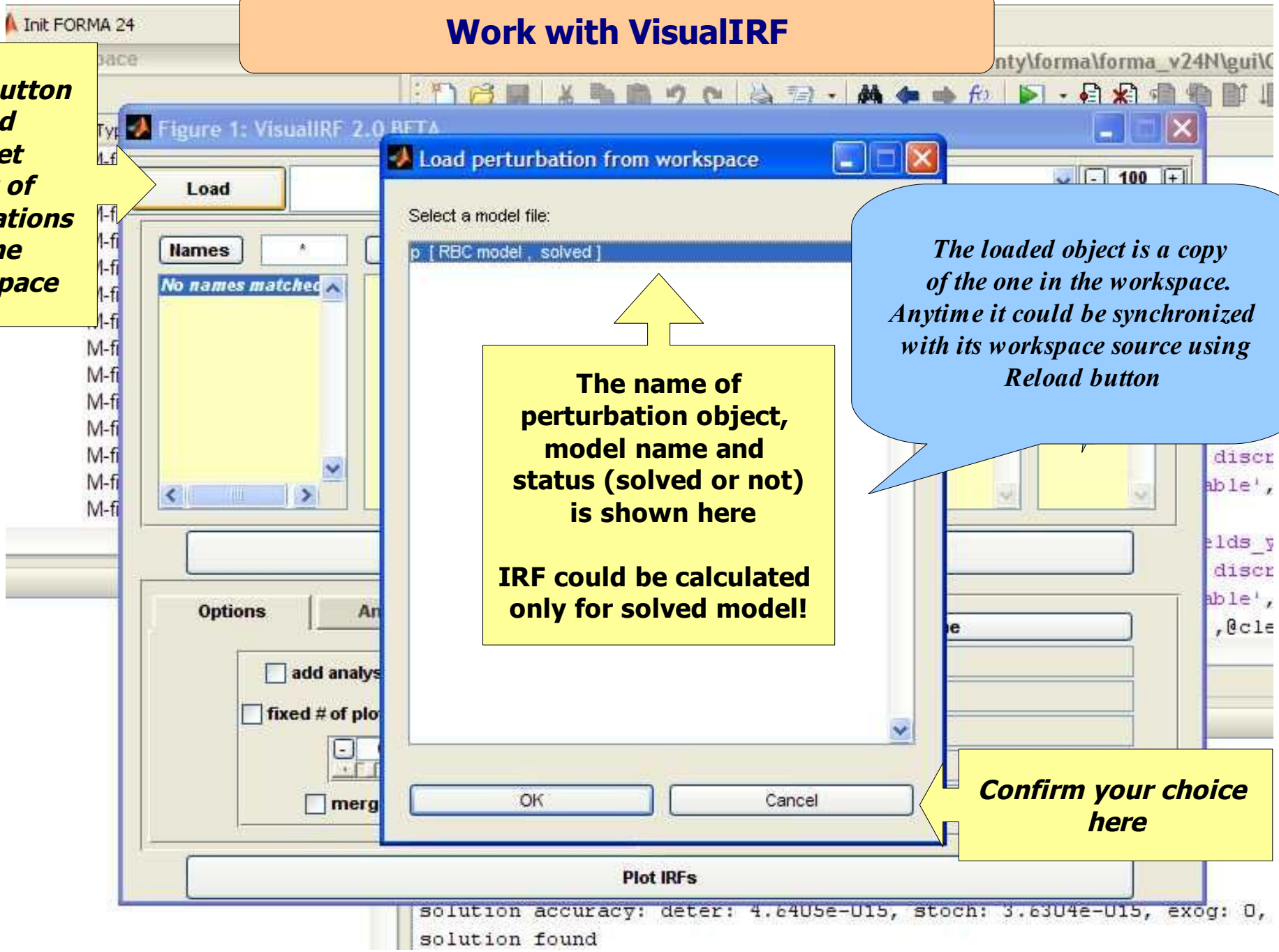
VisualIRF is a Matlab tool for making plots of IRF (Impulse Response Function) for given perturbation object of model created with FORMA 24.

Overview of Visual IRF interface



Work with VisualIRF

Press button Load to get a list of perturbations in the workspace

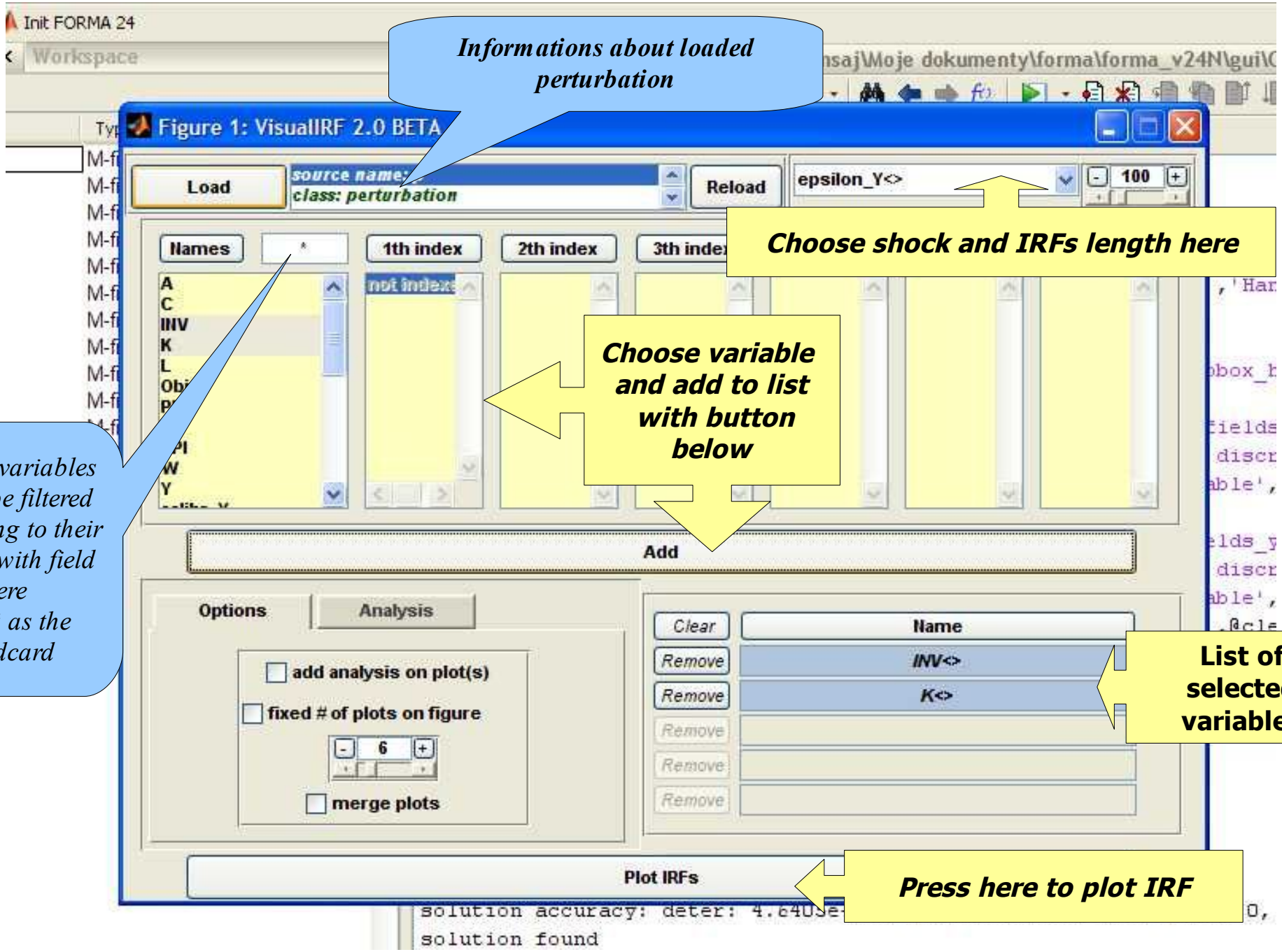


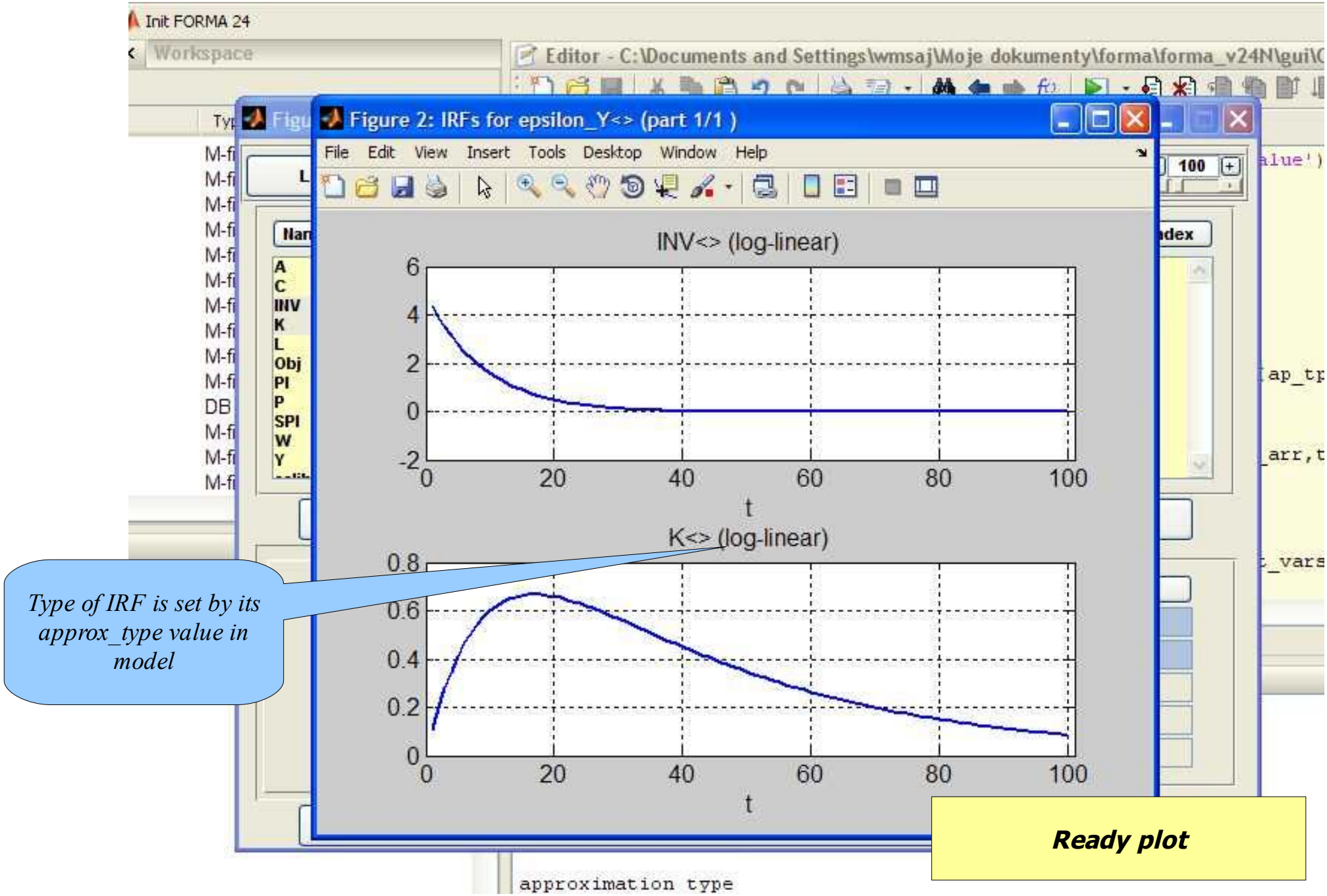
The name of perturbation object, model name and status (solved or not) is shown here

IRF could be calculated only for solved model!

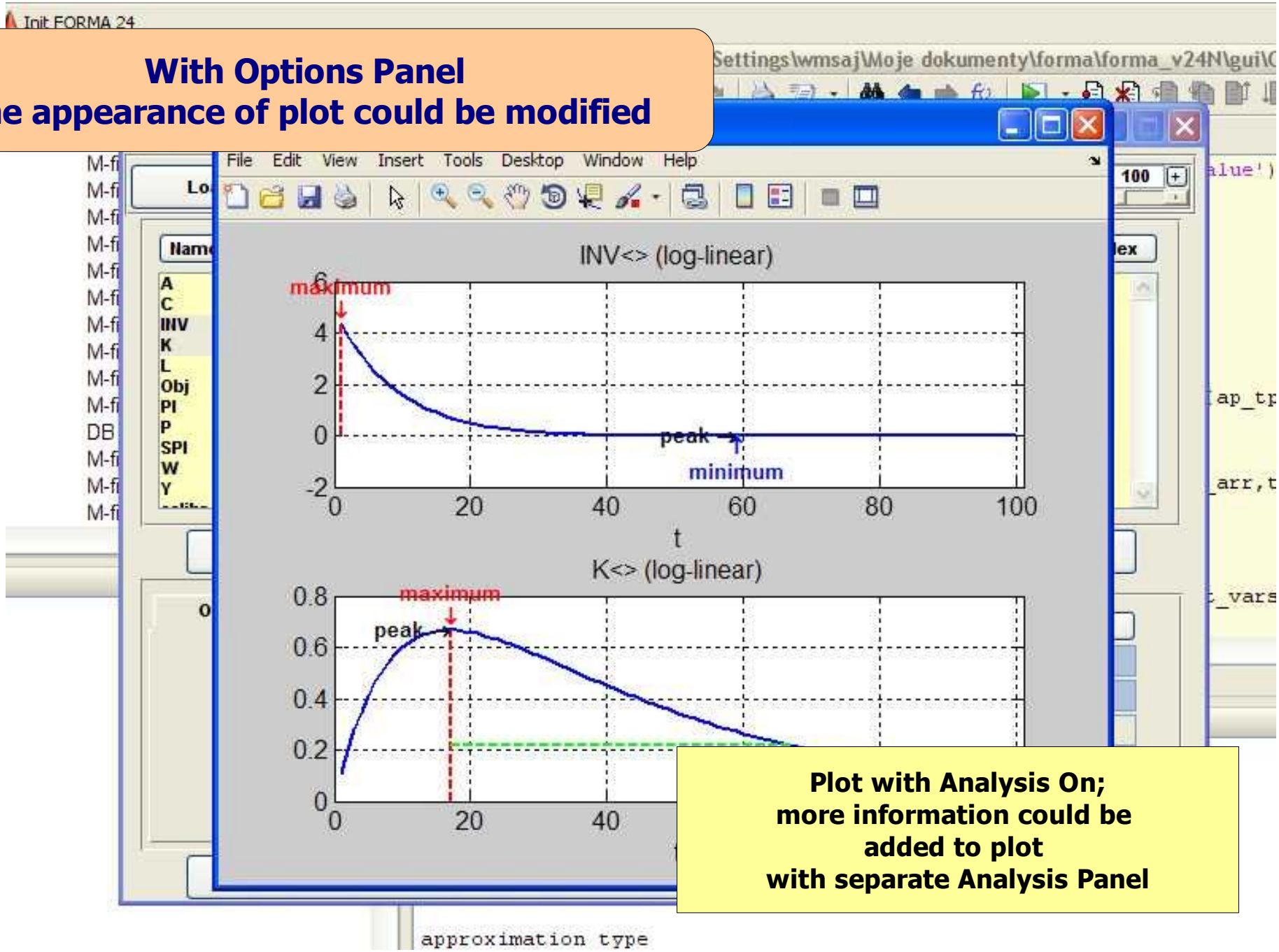
The loaded object is a copy of the one in the workspace. Anytime it could be synchronized with its workspace source using Reload button

Confirm your choice here

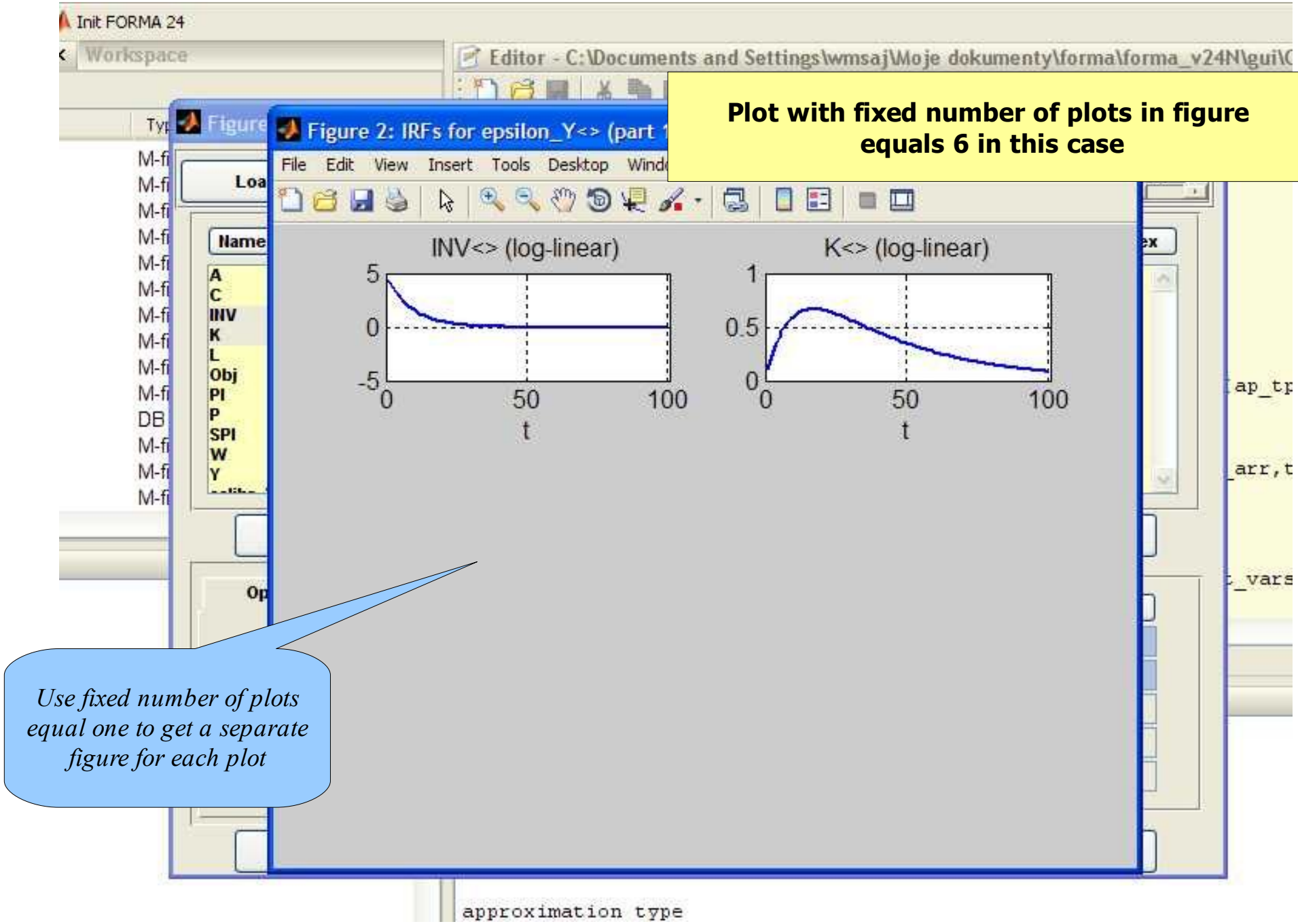

Informations about loaded perturbation
Figure 1: VisualIRF 2.0 BETA
Load
source name:
class: perturbation
Reload
epsilon_Y<>
100
Choose shock and IRFs length here
Names
1th index
2th index
3th index
A
C
INV
K
L
Choose variable and add to list with button below
Visible variables could be filtered according to their names with field here use * as the wildcard
Add
Options
Analysis
add analysis on plot(s)
fixed # of plots on figure
6
merge plots
Clear
Name
Remove
INV<>
K<>
List of selected variables
Plot IRFs
Press here to plot IRF
solution found


Init FORMA 24
Workspace
Editor - C:\Documents and Settings\wmsaj\Moje dokumenty\forma\forma_v24N\gui\C
Figure 2: IRFs for epsilon_Y<> (part 1/1)
File Edit View Insert Tools Desktop Window Help
INV<> (log-linear)
6
4
2
0
-2
0 20 40 60 80 100
t
K<> (log-linear)
0.8
0.6
0.4
0.2
0
0 20 40 60 80 100
t
A
C
INV
K
L
Obj
PI
P
SPI
W
Y
approximation type
Type of IRF is set by its approx_type value in model
Ready plot

With Options Panel
the appearance of plot could be modified



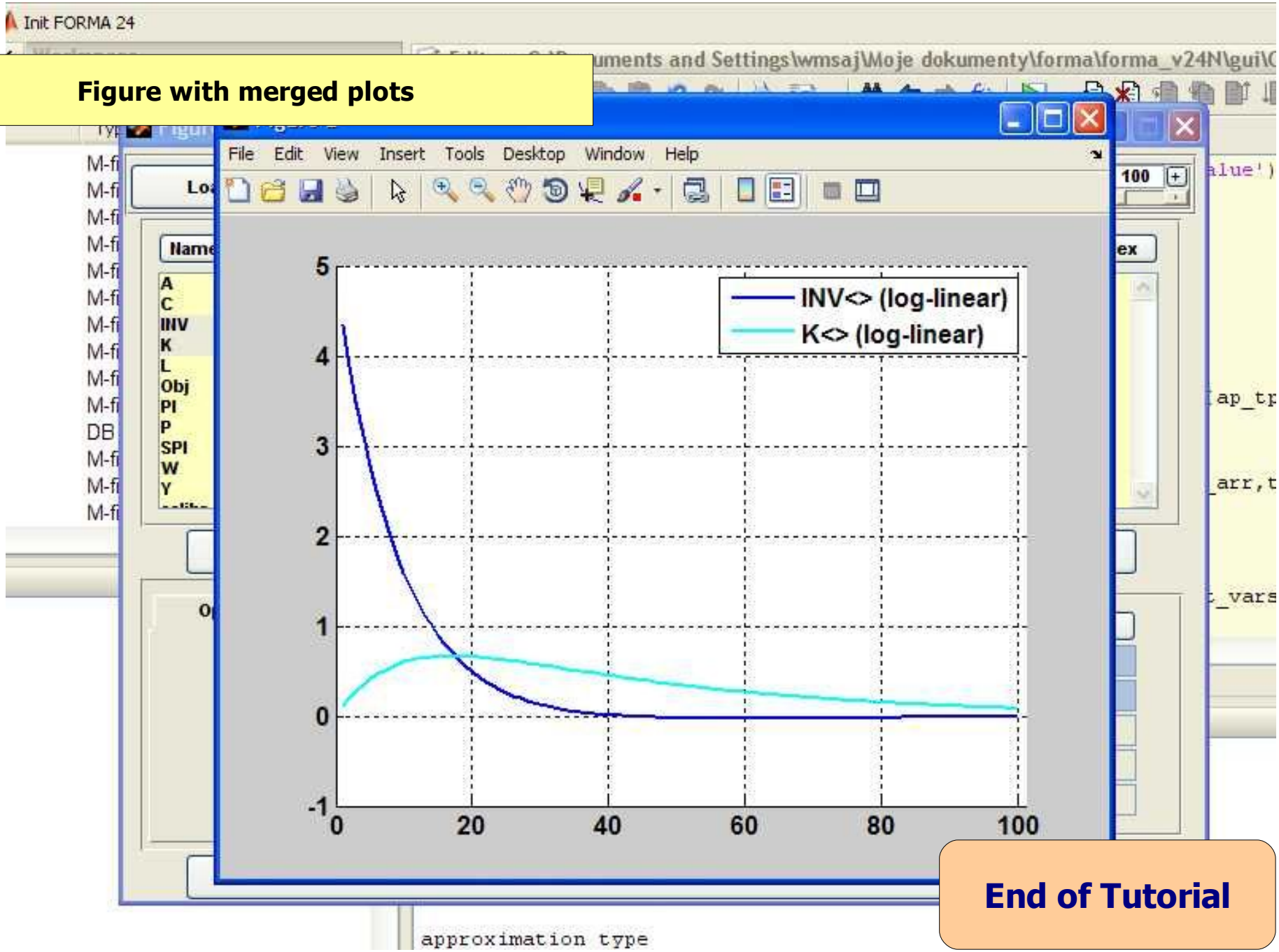
Plot with Analysis On;
more information could be
added to plot
with separate Analysis Panel



Plot with fixed number of plots in figure equals 6 in this case

Use fixed number of plots equal one to get a separate figure for each plot

Figure with merged plots



End of Tutorial