



New Conventional Validation Software



Why a New Software?

➤ Conventional validation represents quite an extensive service

2013 Activity	HOL	OTH	TOT
Number of validation performed...	59	87	146
...Due to changes	32	34	66
...Due to 2 years rule	27	53	80
Applying only method I	2	2	4
Applying only method II	5	7	12
Applying only method III	35	61	96
Applying only method I+II	2	8	10
Applying only method I+III	7	4	11
Applying only method II+III	3	1	4
Applying all three methods	5	4	9



Why a New Software?

- Validation procedure is laborious from both sides (Int./Nat.)



- Delays on sending all necessary files/forms
- Often errors in file formats
 - Hence lot of communication back and forth



Trend Test Software

- Conceptually similar to the GEBV-test software
 - Written in Python
 - Performs trend validation by methods I, II, III
 - Combines results across methods
 - Prepares a zip file to send to Interbull Centre

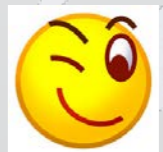


Trend Test Software – What will Change?

- Introducing a “*Control Parameter*” file 305
 - Containing starting parameter for the software

- New file formats for all three trend tests:
 - *Method I – file300_FL* (same format as proof file but referred to first lactation only)
 - *Method II – file302*
 - *Method III – file303* Goodbyes to 040, 046,....

- Converting programs available for legacy files for Method I & III





Trend Test Software – What will Change?

- Usually trend results and validation forms are sent at the data reception deadline
- Shortly after the beginning of each test run:
 - A *Control Parameter file305_POPBRD* is sent to every organization in need to validate
- National Organizations should:
 - Prepare/convert necessary files
 - Use the *Control Parameter* as input to the Trend Test Software
 - Send zip file back to Interbull Centre within 4 weeks-time



Trend Test Software - Plans

- Software is ready and has been tested on several trend data
- User manual will be made available
- Introduction planned for September test run