

Test File	Columns in Inputfile								Nr of columns	Text		
	Case	Option-value	1	2	3	4	5	6			7	8
fiteval_1.in	1	x	Yobs	Yprd							2	Ritter and Munoz-Carpena (2013)
fiteval_2.in	2	x	Yobs	Yprd	Benchmark						3	Ritter and Munoz-Carpena (2013)
fiteval_1.in	3	>0 y <1 =PER	Yobs	Yprd							2	Uncertainty in observations included (Harmel and Smith, 2007): Single PER common to all observations.
fiteval_2.in	4	>0 y <1 =PER	Yobs	Yprd	Benchmark						3	Modified version of NSE using a benchmark series instead of the mean Uncertainty in observations included (Harmel and Smith, 2007): Single PER common to all observations.
fiteval_5.in	5	1	Yobs	Yprd	Symm_Error						3	Uncertainty in observations included (Harmel and Smith, 2007): Absolute error specific to each observed value.
fiteval_6s.in	6	1	Yobs	Yprd	UB_oLowerIL	UB_oUpperIL					4	Uncertainty in observations included (Harmel and Smith, 2007): Lower and upper error specific to each observed value.
fiteval_7.in	7	2	Yobs	Yprd	Benchmark	Symm_Error					4	Modified version of NSE using a benchmark series instead of the mean Uncertainty in observations included (Harmel and Smith, 2007): Absolute error specific to each observed value.
fiteval_8s.in	8	2	Yobs	Yprd	Benchmark	UB_oLowerIL	UB_oUpperIL				5	Modified version of NSE using a benchmark series instead of the mean Uncertainty in observations included (Harmel and Smith, 2007): Lower and upper error specific to each observed value.
fiteval_9s.in	9	3	Yobs	Yprd	CF	UB_o_min	UB_o_max				5 **	Uncertainty in observations included (Harmel et al., 2010): Using a correction factor based on probability distributions.
fiteval_10s.in	10	3	Yobs	Yprd	Benchmark	CF	UB_o_min	UB_o_max			6 **	Modified version of NSE using a benchmark series instead of the mean Uncertainty in observations included (Harmel et al., 2010): Using a correction factor based on probability distributions.
fiteval_11s.in	11	3	Yobs	Yprd	CF	UB_o_min	UB_o_max	UB_p_min	UB_p_max		7 **	Observations and model uncertainty included (Harmel et al., 2010): Using a correction factor based on probability distributions.
fiteval_12s.in	12	3	Yobs	Yprd	Benchmark	CF	UB_o_min	UB_o_max	UB_p_min	UB_p_max	8 **	Modified version of NSE using a benchmark series instead of the mean Observations and model uncertainty included (Harmel et al., 2010): Using a correction factor based on probability distributions.
fiteval_13s.in	13	4	Yobs	Yprd	CF	UB_p_min	UB_p_max				5 **	Model uncertainty included as in Harmel et al. (2010): Using a correction factor based on probability distributions.
fiteval_14s.in	14	4	Yobs	Yprd	Benchmark	CF	UB_p_min	UB_p_max			6 **	Modified version of NSE using a benchmark series instead of the mean Model uncertainty included as in Harmel et al. (2010): Using a correction factor based on probability distributions.

* s: symmetric boundaries
* as: asymmetric boundaries

Yobs: Observed values
Yprd: Computed values
Benchmark: Benchmark values
Symm_Error: symmetric error given by a probable error range (>0 and <1)
UB_oLowerIL (UB_oUpperIL): Uncertainty boundary of observations, lower (upper) interval length
CF: Correction factor which ranges from 0 to 1.0
UB_o_min and UB_o_max: Uncertainty boundaries of observations (o_min and o_max)
UB_p_min and UB_p_max: Uncertainty boundaries of model predictions (p_min and p_max)

**** Computing CF and uncertainty bounds automatically (input files requires only 2 or 3 columns)**

Option-value	Case	Obs Distr.	Obs Parameters	Prd Distr.	Prd Parameters	Method
1	5 or 7		Filename_PER.err			PER method
1	6 or 8		Filename_UBs.err			PER method
2	5 or 7		Filename_PER.err			PER & CF methods combined
2	6 or 8		Filename_UBs.err			PER & CF methods combined
3	9 or 10	oN or oL	CVo(%)			CF method
3	9 or 10	oT or oU	pLUBo(%) pUUBo(%)			CF method
3	11 or 12	oN or oL	CVo(%)	pN or pL	CVp (%)	CF method
3	11 or 12	oT or oU	pLUBo(%) pUUBo(%)	pT or pU	pLUBp(%) pUUBp(%)	CF method
4	13 or 14			pN or pL	CVp(%)	CF method
4	13 or 14			pT or pU	pLUBp(%) pUUBp(%)	CF method

Distribution: N (Normal), L (Lognormal), T (Triangular), U (Uniform)
CVo (CVp): Coefficient of variation common to each measured (predicted) value
pLUBo (pLUBp): % around each o_i (p_i) that defines lower uncertainty bounds
pUUBo (pUUBp): % around each o_i (p_i) that defines upper uncertainty bounds