----- GENERAL SET UP -----

Pseudo Obs = 2

Nstep = 1

Niter = 30

Nyear = 3

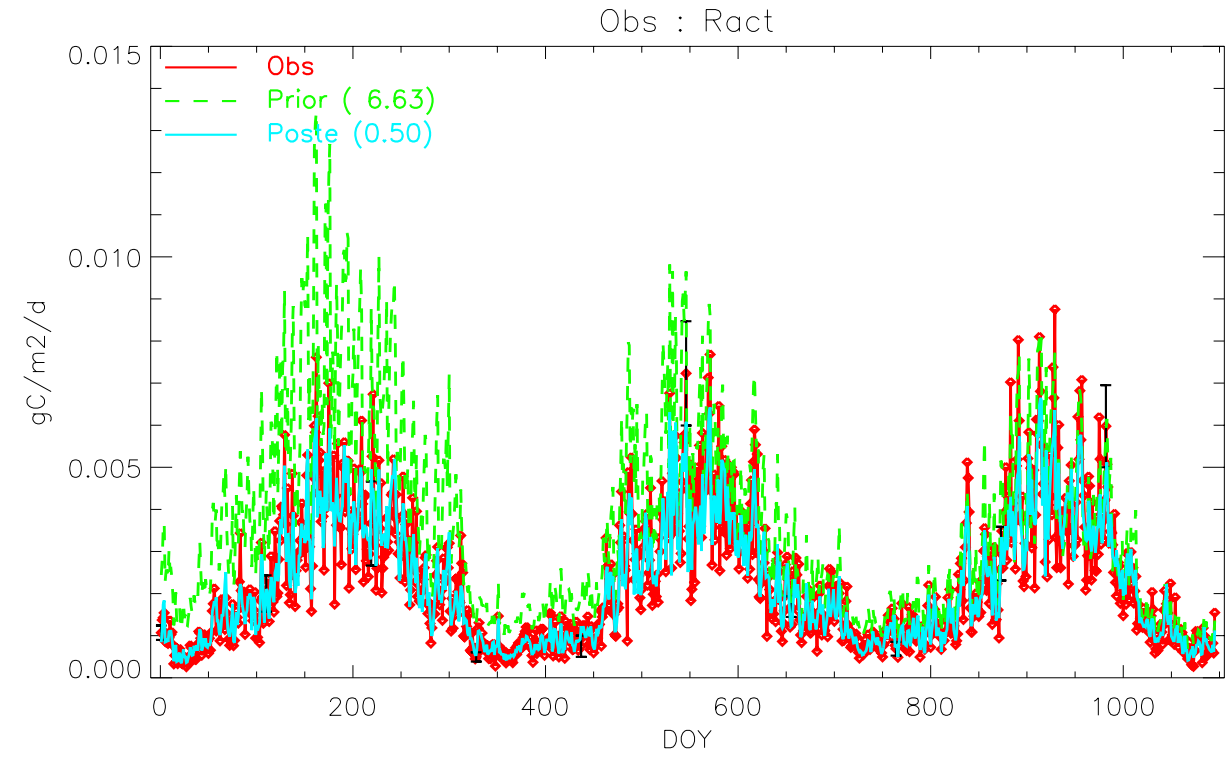
Error limitation = 2

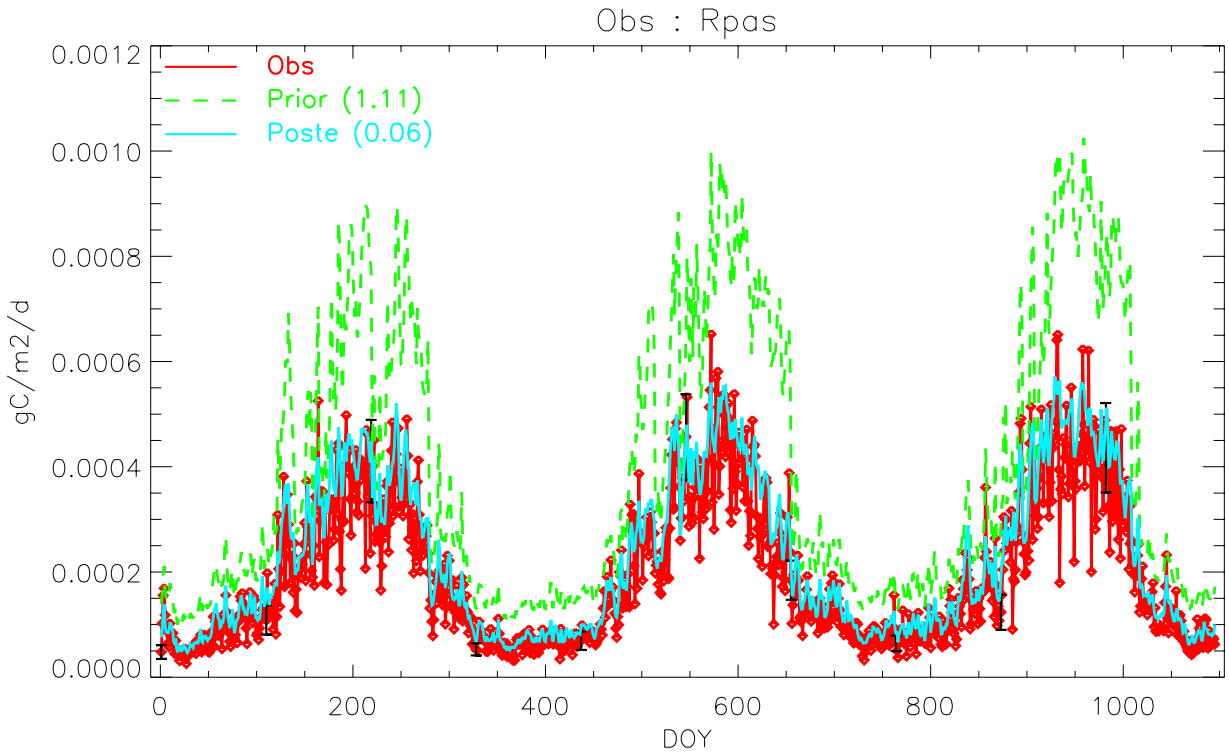
----- OBSERVATIONS -----

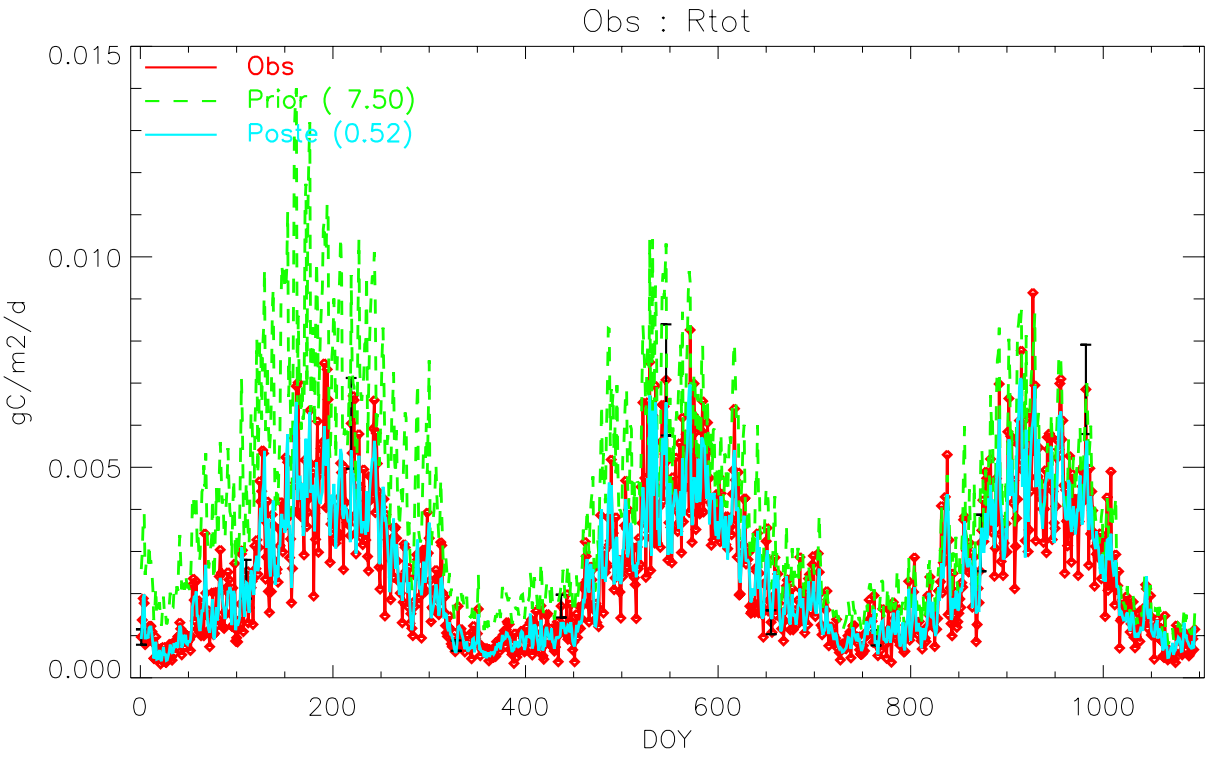
OBS step1 : /Rtot

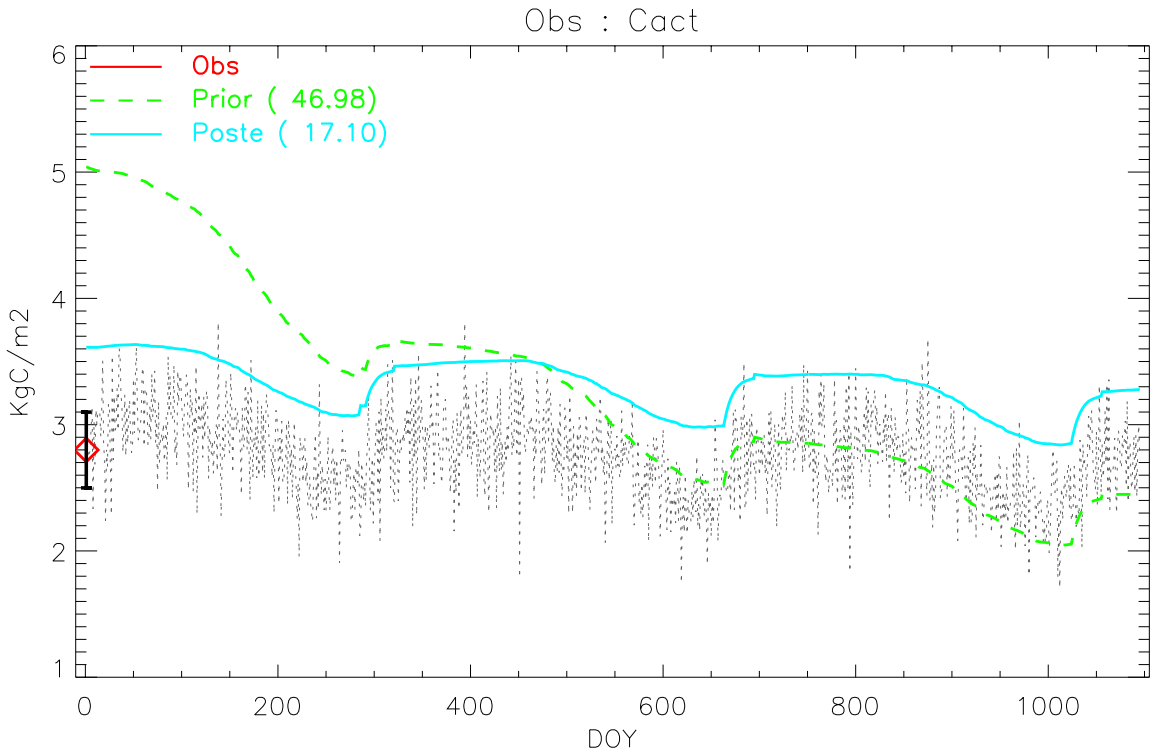
----- PARAMETERS -----

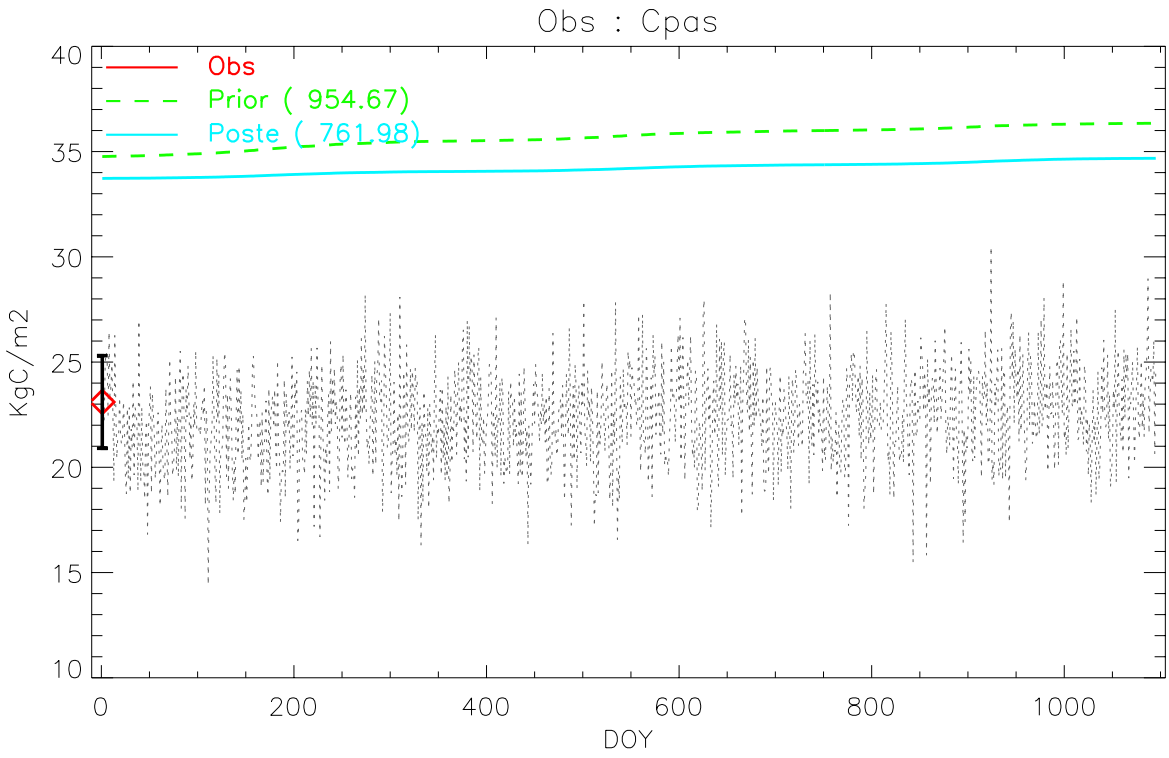
PARAM step1 : /Q10/Tau_act/Tau_pas/C_act_t0/C_pas_t0/Me_act/Me_pas/Wf_m/Wf_x0

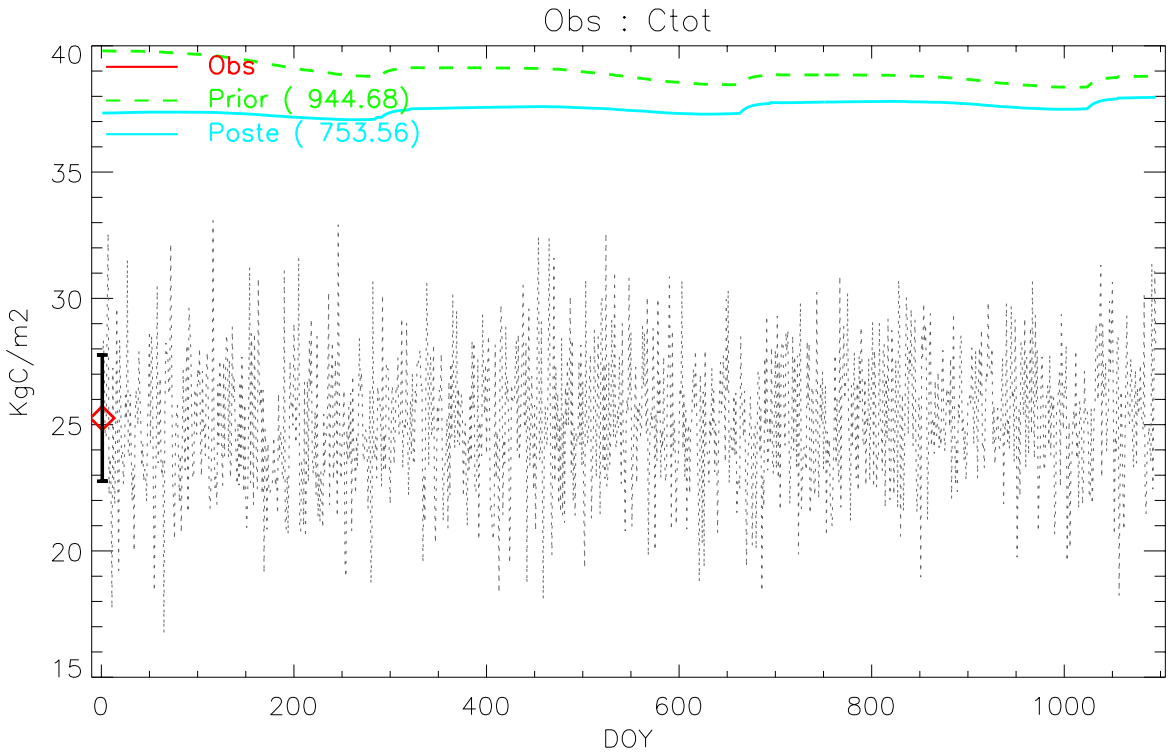

Obs : Ract
Obs
Prior (6.63)
Poste (0.50)
gC/m2/d
0.015
0.010
0.005
0.000
0
200
400
600
800
1000
DOY

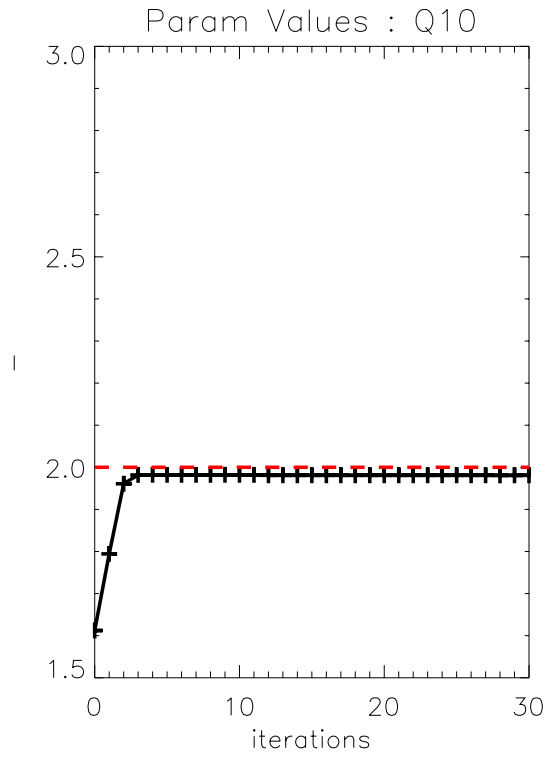

Obs : Rpas
Obs
Prior (1.11)
Poste (0.06)
gC/m2/d
0.0012
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
200
400
600
800
1000
DOY

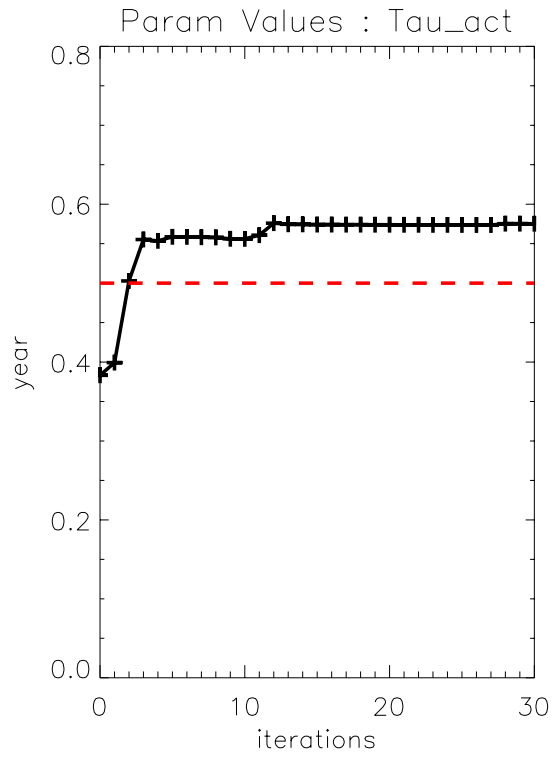

Obs : Rtot
Obs
Prior (7.50)
Poste (0.52)
gC/m2/d
0.015
0.010
0.005
0.000
0
200
400
600
800
1000
DOY

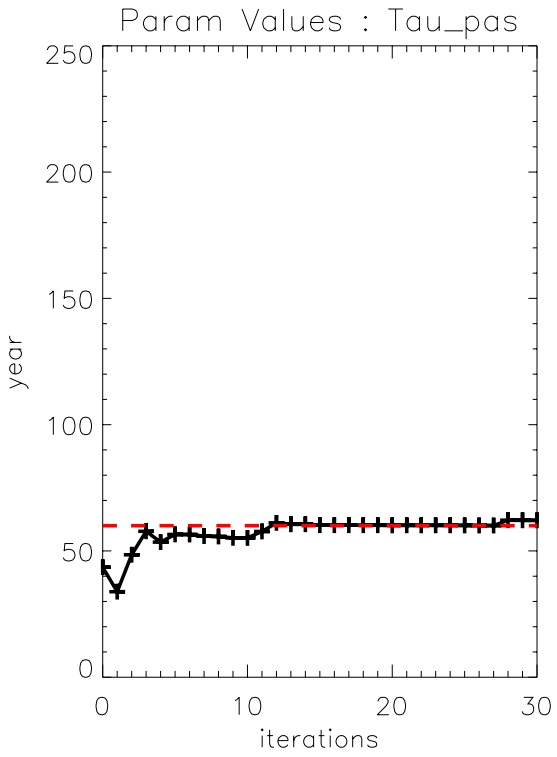

Obs : Cact
Obs
Prior (46.98)
Poste (17.10)
KgC/m2
6
5
4
3
2
1
0
200
400
600
800
1000
DOY

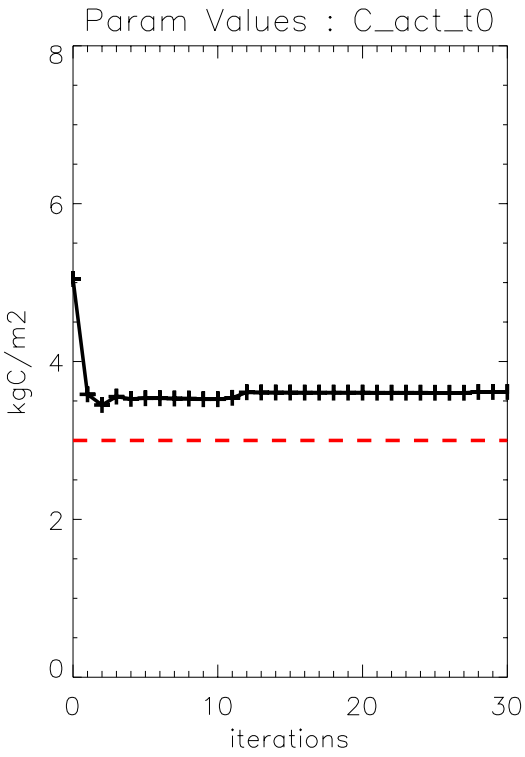

Obs : Cpas
Obs
Prior (954.67)
Poste (761.98)
KgC/m2
DOY
40
35
30
25
20
15
10
0
200
400
600
800
1000

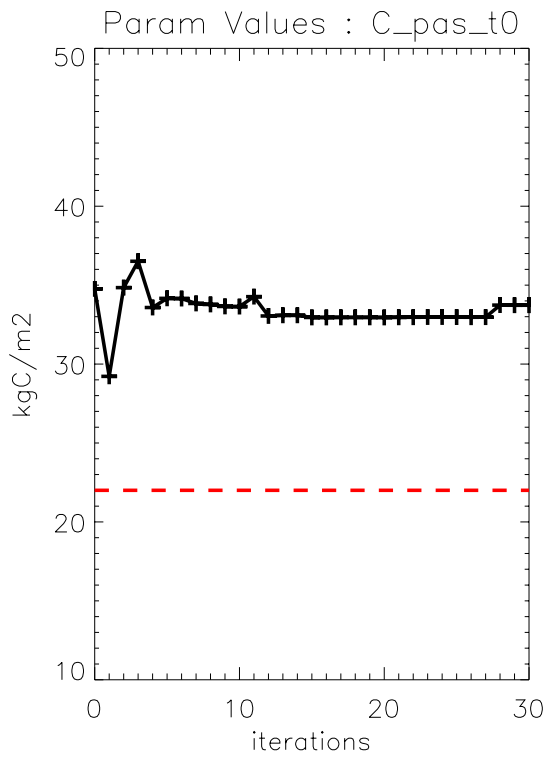

Obs : Ctot
Obs
Prior (944.68)
Poste (753.56)
KgC/m2
DOY
40
35
30
25
20
15
0
200
400
600
800
1000

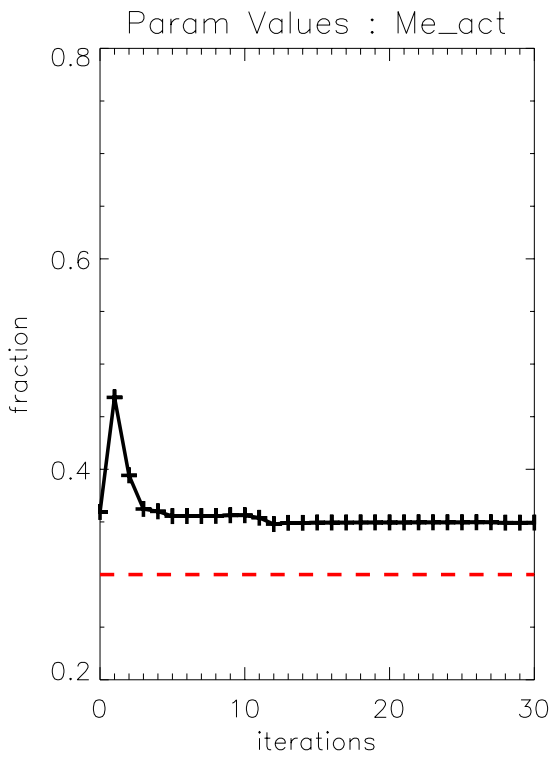

Param Values : Q10
3.0
2.5
2.0
1.5
–
0
10
20
30
iterations

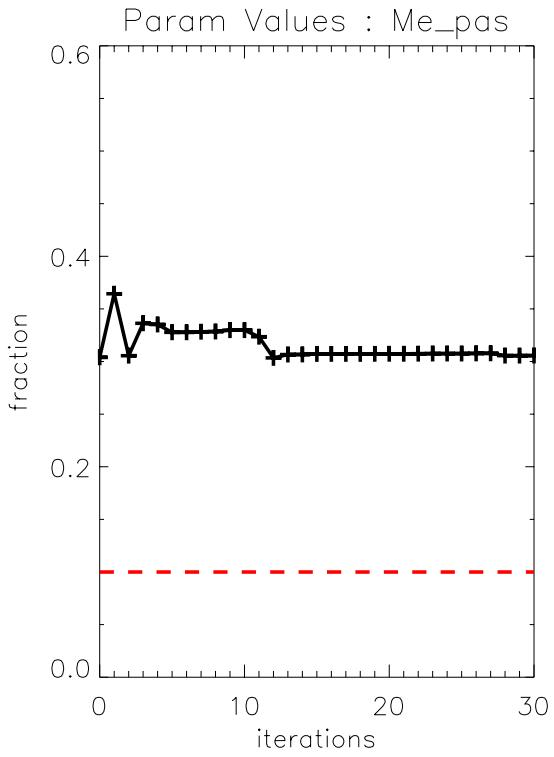

Param Values : Tau_act
0.8
0.6
0.4
0.2
0.0
year
0
10
20
30
iterations

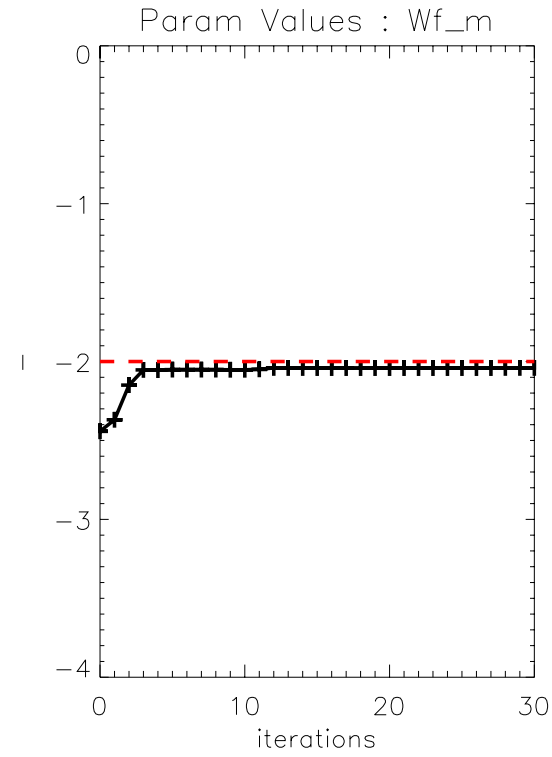

Param Values : Tau_pas
250
200
150
100
50
0
year
0
10
20
30
iterations

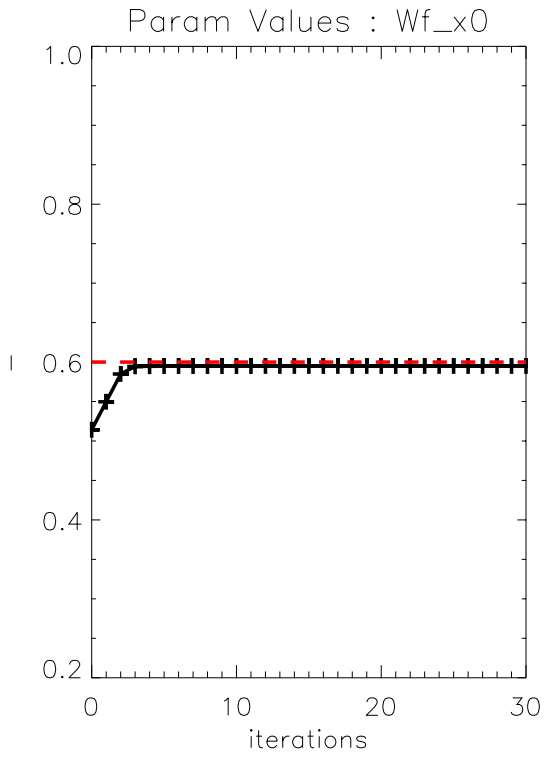

Param Values : C_act_t0
8
6
4
2
0
kgC/m2
0
10
20
30
iterations

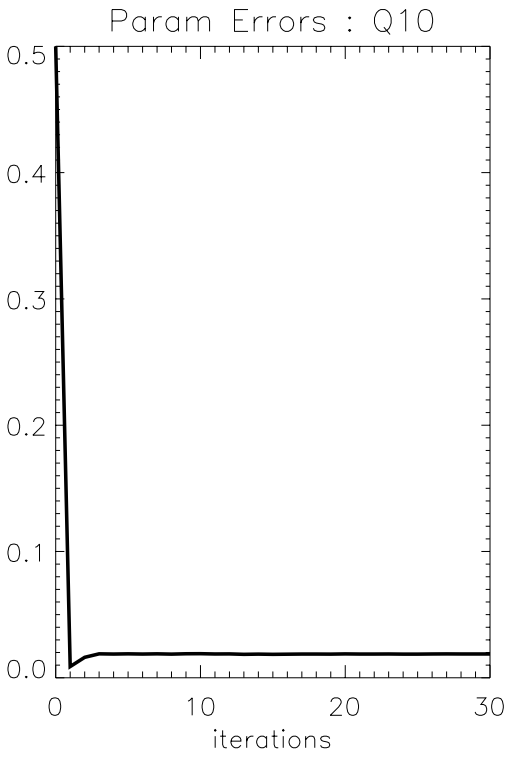

Param Values : C_pas_t0
kgC/m2
50
40
30
20
10
0
10
20
30
iterations

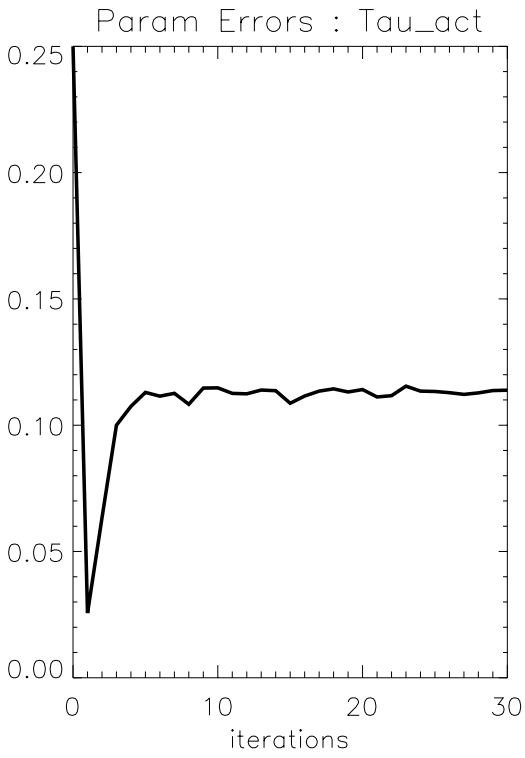

Param Values : Me_act
fraction
0.8
0.6
0.4
0.2
0
10
20
30
iterations

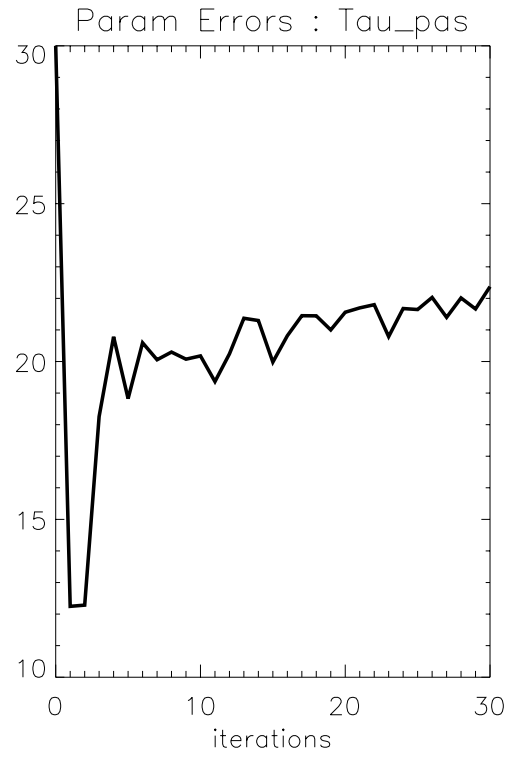

Param Values : Me_pas
fraction
0.6
0.4
0.2
0.0
0
10
20
30
iterations

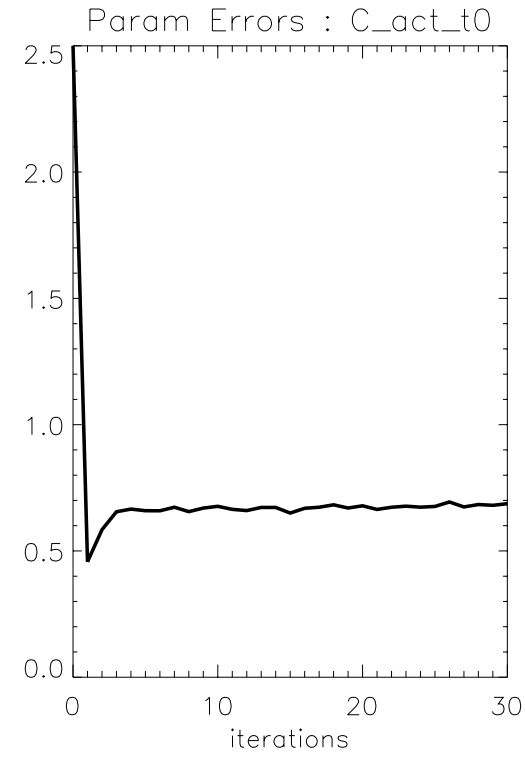

Param Values : Wf_m
0
−1
−2
−3
−4
0
10
20
30
iterations

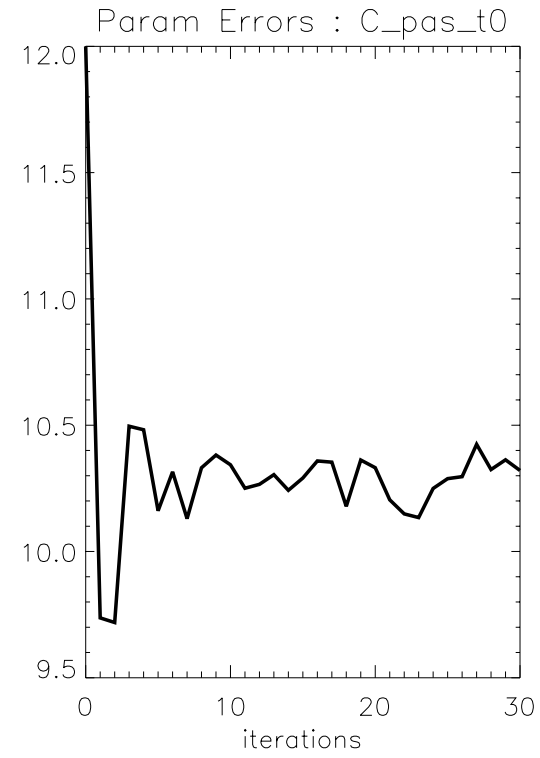

Param Values : Wf_x0
1.0
0.8
0.6
0.4
0.2
0
10
20
30
iterations

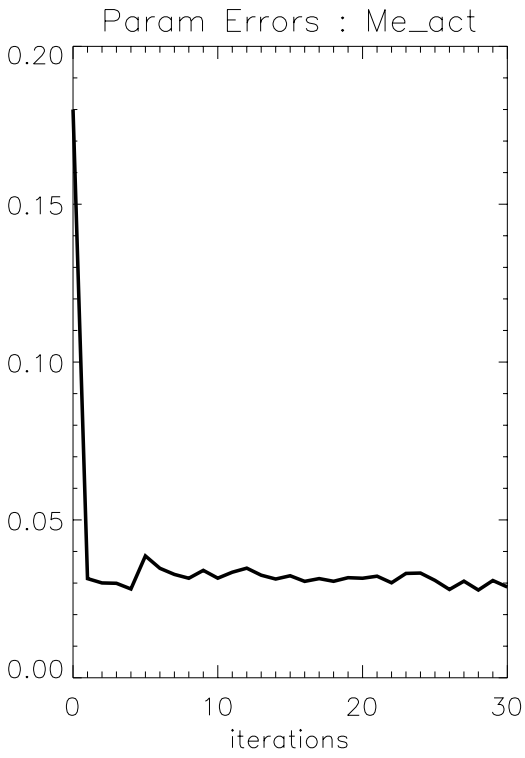

Param Errors : Q10
0.5
0.4
0.3
0.2
0.1
0.0
0
10
20
30
iterations

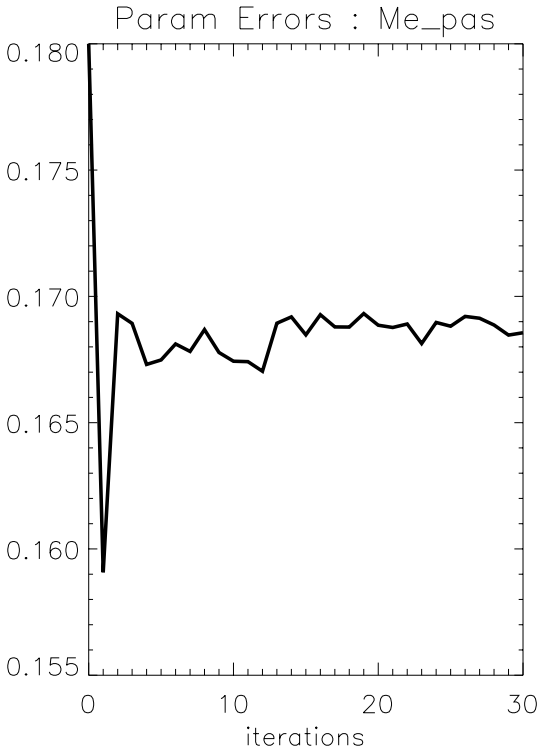

Param Errors : Tau_act
0.25
0.20
0.15
0.10
0.05
0.00
0
10
20
30
iterations

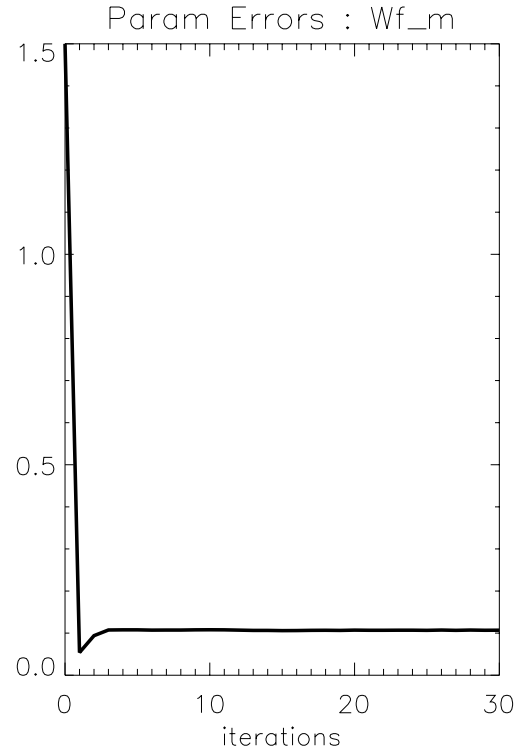

Param Errors : Tau_pas
30
25
20
15
10
0
10
20
30
iterations

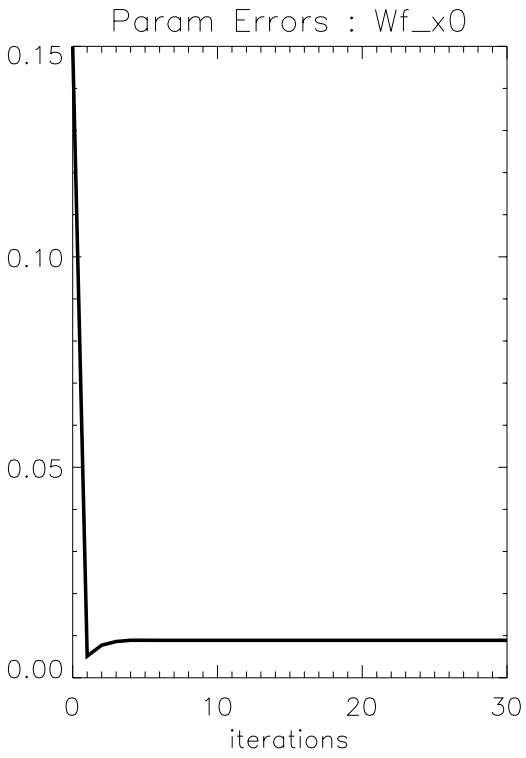

Param Errors : C_act_t0
2.5
2.0
1.5
1.0
0.5
0.0
0
10
20
30
iterations

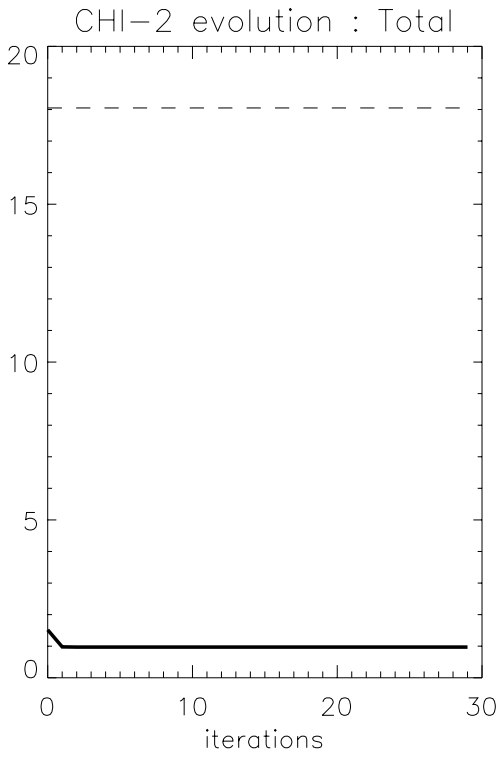

Param Errors : C_pas_t0
12.0
11.5
11.0
10.5
10.0
9.5
0
10
20
30
iterations

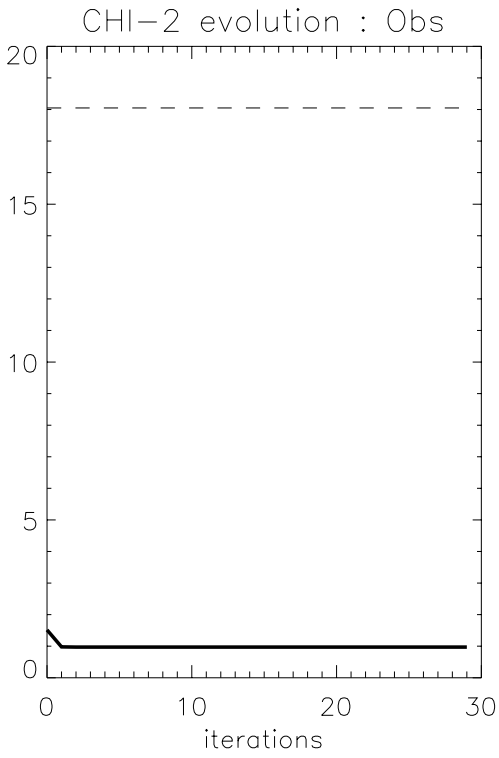

Param Errors : Me_act
0.20
0.15
0.10
0.05
0.00
0
10
20
30
iterations

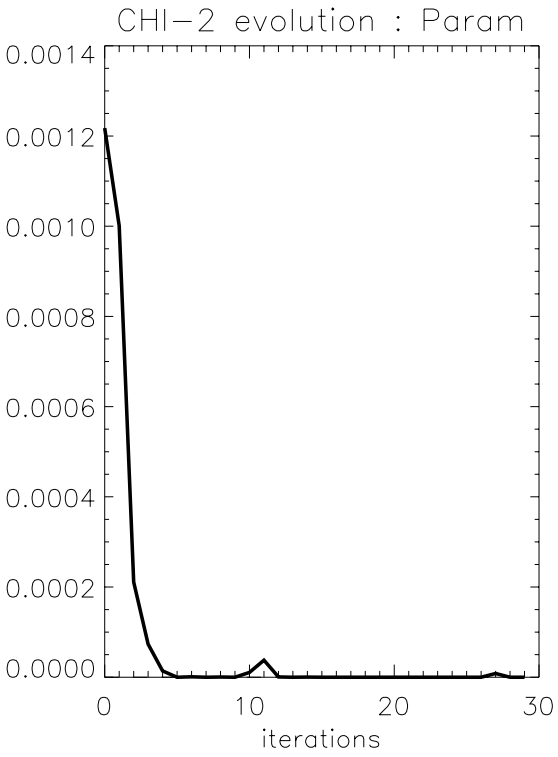

Param Errors : Me_pas
0.180
0.175
0.170
0.165
0.160
0.155
0
10
20
30
iterations


Param Errors : Wf_m
1.5
1.0
0.5
0.0
0
10
20
30
iterations


Param Errors : Wf_x0
0.15
0.10
0.05
0.00
0
10
20
30
iterations


CHI−2 evolution : Total
20
15
10
5
0
0
10
20
30
iterations


CHI−2 evolution : Obs
20
15
10
5
0
0
10
20
30
iterations


CHI−2 evolution : Param
0.0014
0.0012
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
10
20
30
iterations

CORRELATIONS

Q10 – Tau_act : −0.50

Q10 – C_act_t0 : −0.47

Q10 – Wf_x0 : 0.32

Tau_act – Tau_pas : 0.34

Tau_act – C_act_t0 : 0.98

Tau_act – Wf_m : 0.39

Tau_pas – C_pas_t0 : 0.39

Tau_pas – Me_act : −0.49

C_act_t0 – Wf_m : 0.37

C_pas_t0 – Me_act : 0.33

Wf_m – Wf_x0 : −0.31