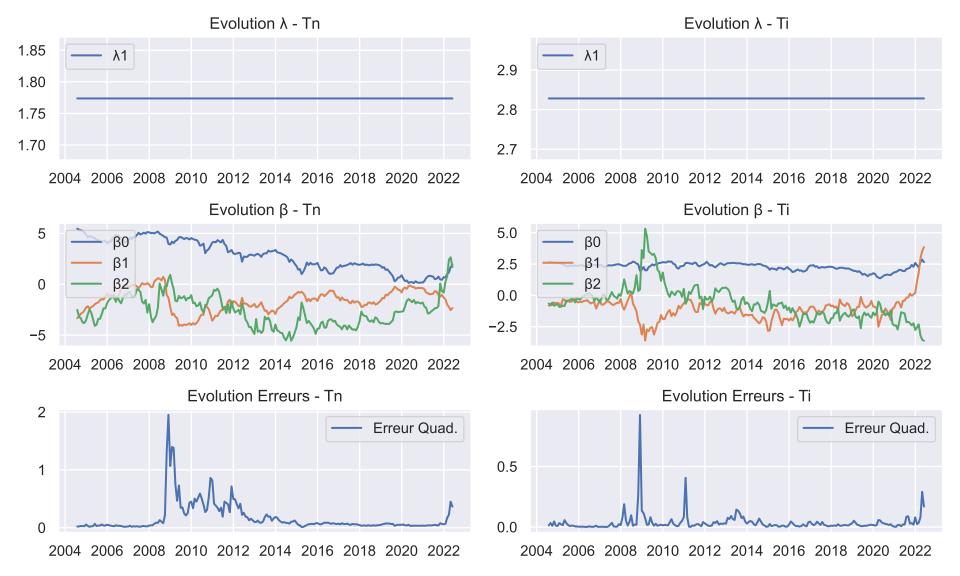
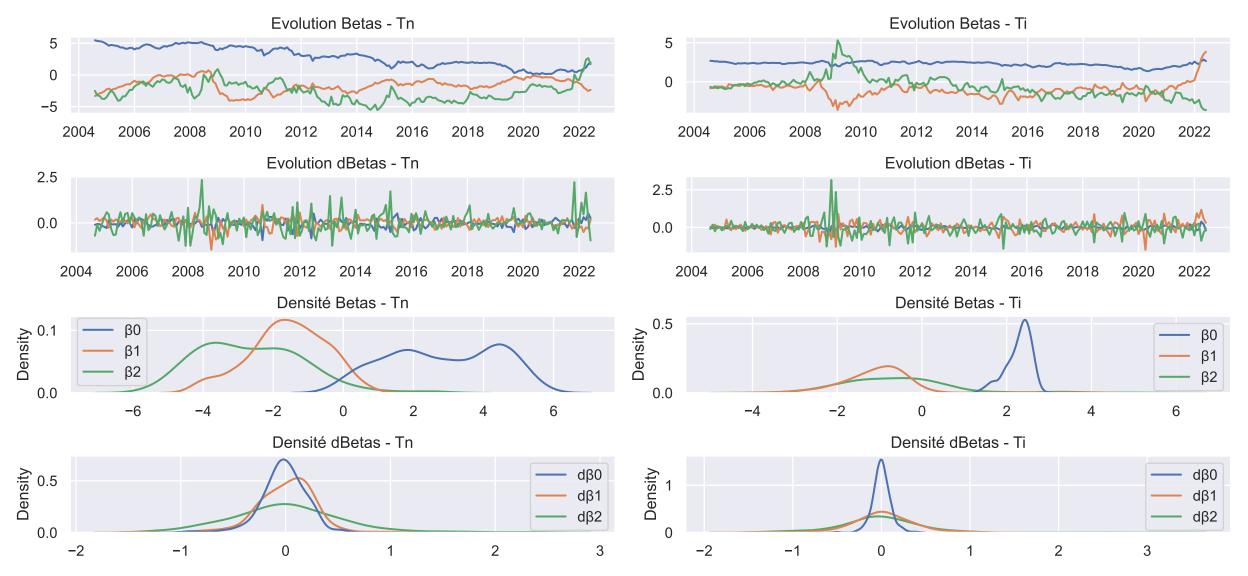
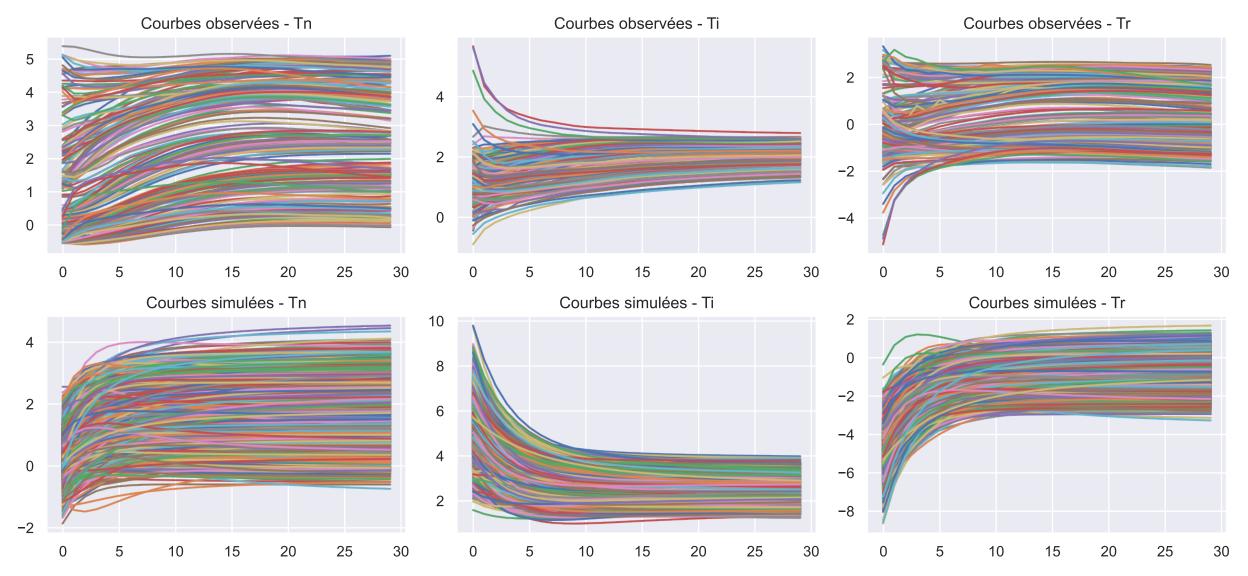
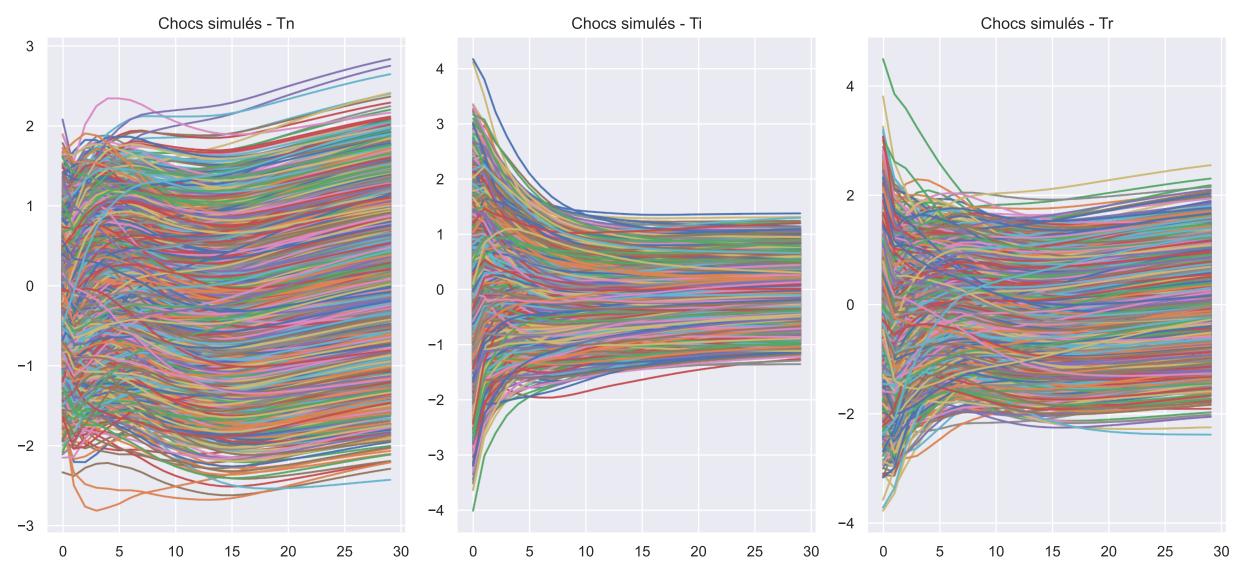
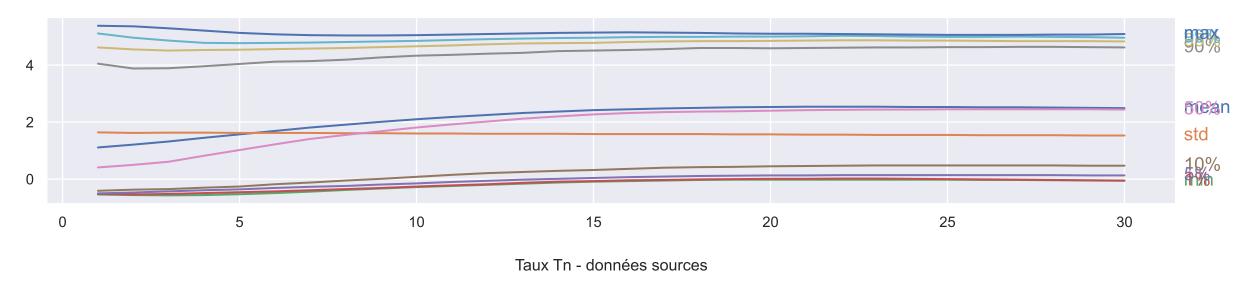
Paramètres	NS-M-juil04-juin22 - [0.5,5]
typeModele	NS
dateDebut	2004-07-04 00:00:00
dateFin	2022-06-10 00:00:00
listeBases	[baseTnMDf, baseTiMDf]
indicTR	False
periode	M
nbPeriodes	12
nbSimuls	10000
methodOptim	SLSQP
pasGrille	0.25
bornesλ1	[0.5,5]
bornesλ2	[5,10]
listeDist	['norm', 'norminvgauss', 'skewnorm', 't']

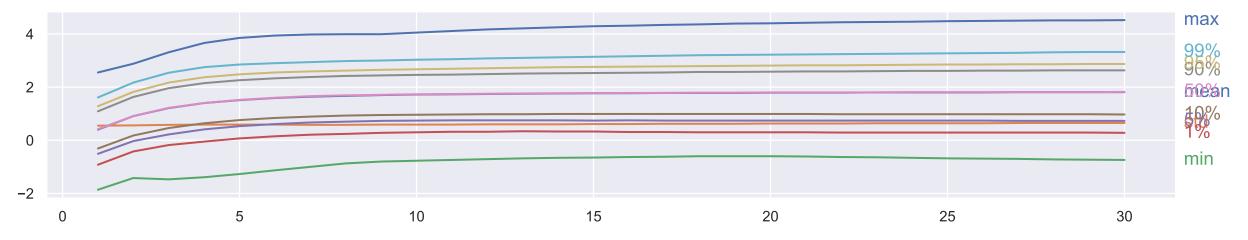












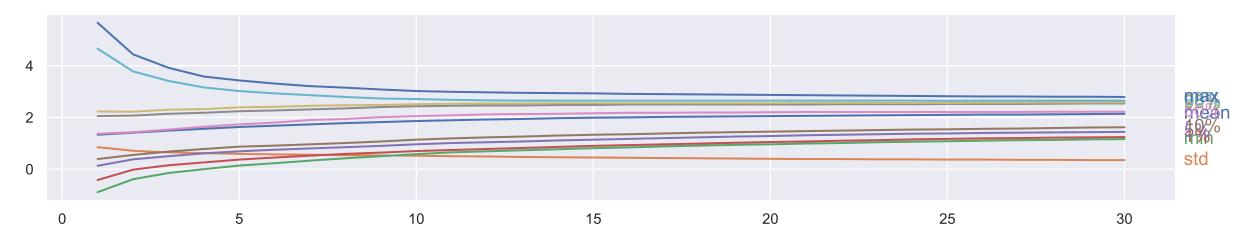
Taux Tn - données simulées

Maturités	1	10	30
count	215.0	215.0	215.0
mean	1.11	2.1	2.49
std	1.64	1.6	1.53
min	-0.54	-0.28	-0.06
1%	-0.52	-0.26	-0.05
5%	-0.5	-0.15	0.13
10%	-0.41	0.08	0.47
50%	0.41	1.81	2.44
90%	4.05	4.33	4.62
95%	4.62	4.66	4.83
99%	5.11	4.85	4.96
max	5.38	5.05	5.09

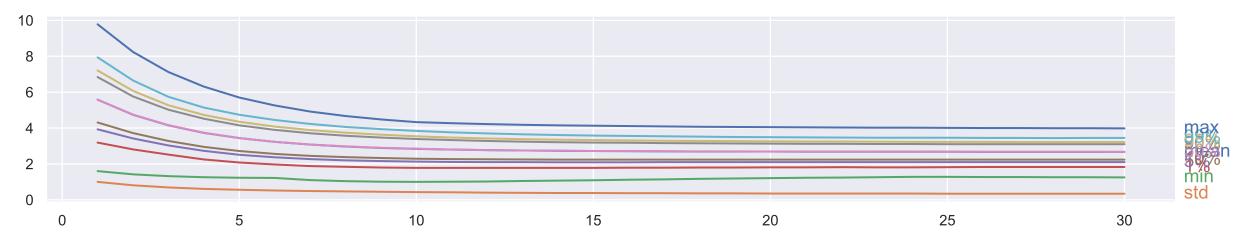
Taux Tn - données sources

Maturités	1	10	30
count	10000.0	10000.0	10000.0
mean	0.4	1.72	1.81
std	0.55	0.59	0.65
min	-1.86	-0.77	-0.74
1%	-0.92	0.3	0.28
5%	-0.51	0.74	0.73
10%	-0.31	0.96	0.97
50%	0.42	1.73	1.82
90%	1.09	2.46	2.63
95%	1.28	2.67	2.87
99%	1.61	3.03	3.32
max	2.55	4.05	4.52

Taux Tn - données simulées



Taux Ti - données sources



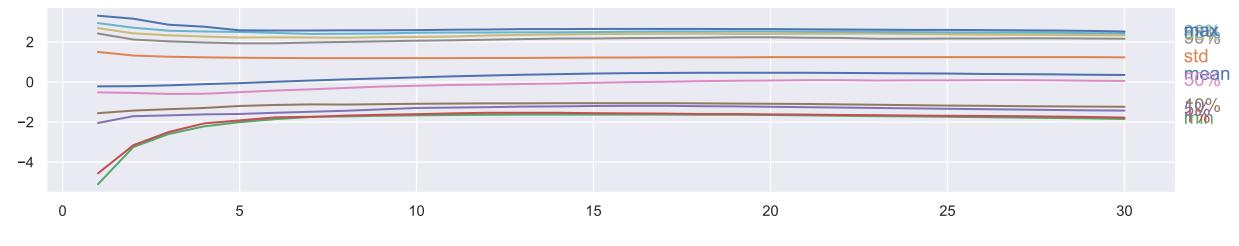
Taux Ti - données simulées

Maturités	1	10	30
count	215.0	215.0	215.0
mean	1.33	1.86	2.14
std	0.85	0.52	0.35
min	-0.89	0.58	1.16
1%	-0.42	0.7	1.24
5%	0.13	0.96	1.44
10%	0.39	1.14	1.62
50%	1.37	2.05	2.22
90%	2.05	2.43	2.54
95%	2.23	2.51	2.58
99%	4.66	2.71	2.65
max	5.66	3.02	2.79

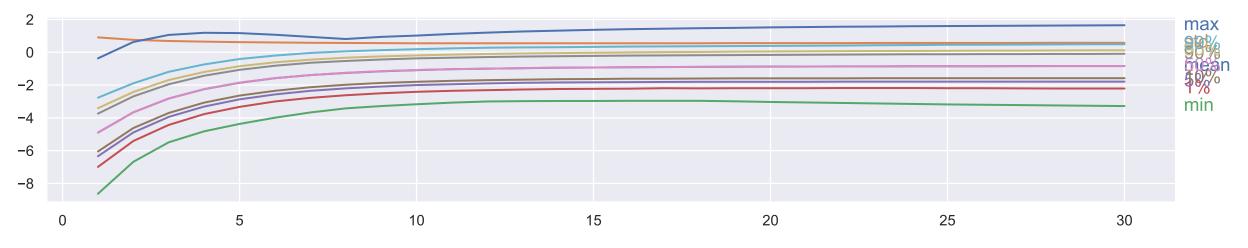
Taux Ti - données sources

Maturités	1	10	30
count	10000.0	10000.0	10000.0
mean	5.58	2.84	2.67
std	1.0	0.43	0.34
min	1.6	1.0	1.25
1%	3.19	1.78	1.83
5%	3.93	2.13	2.1
10%	4.31	2.29	2.24
50%	5.58	2.85	2.67
90%	6.84	3.39	3.1
95%	7.21	3.54	3.22
99%	7.94	3.84	3.45
max	9.78	4.33	3.98

Taux Ti - données simulées



Taux Tr - données sources



Taux Tr - données simulées

Maturités	1	10	30
count	215.0	215.0	215.0
mean	-0.22	0.23	0.35
std	1.5	1.19	1.23
min	-5.11	-1.67	-1.85
1%	-4.57	-1.61	-1.78
5%	-2.05	-1.3	-1.43
10%	-1.56	-1.09	-1.24
50%	-0.52	-0.19	0.05
90%	2.42	2.06	2.16
95%	2.69	2.25	2.33
99%	2.94	2.46	2.43
max	3.31	2.59	2.52

Taux Tr - données sources

Maturités	1	10	30
count	10000.0	10000.0	10000.0
mean	-4.9	-1.09	-0.84
std	0.91	0.55	0.58
min	-8.63	-3.17	-3.28
1%	-6.99	-2.41	-2.21
5%	-6.34	-2.0	-1.79
10%	-6.05	-1.8	-1.58
50%	-4.9	-1.08	-0.84
90%	-3.74	-0.37	-0.09
95%	-3.41	-0.19	0.12
99%	-2.77	0.19	0.49
max	-0.37	1.02	1.65

Taux Tr - données simulées

