

# Test for Homogenization Model

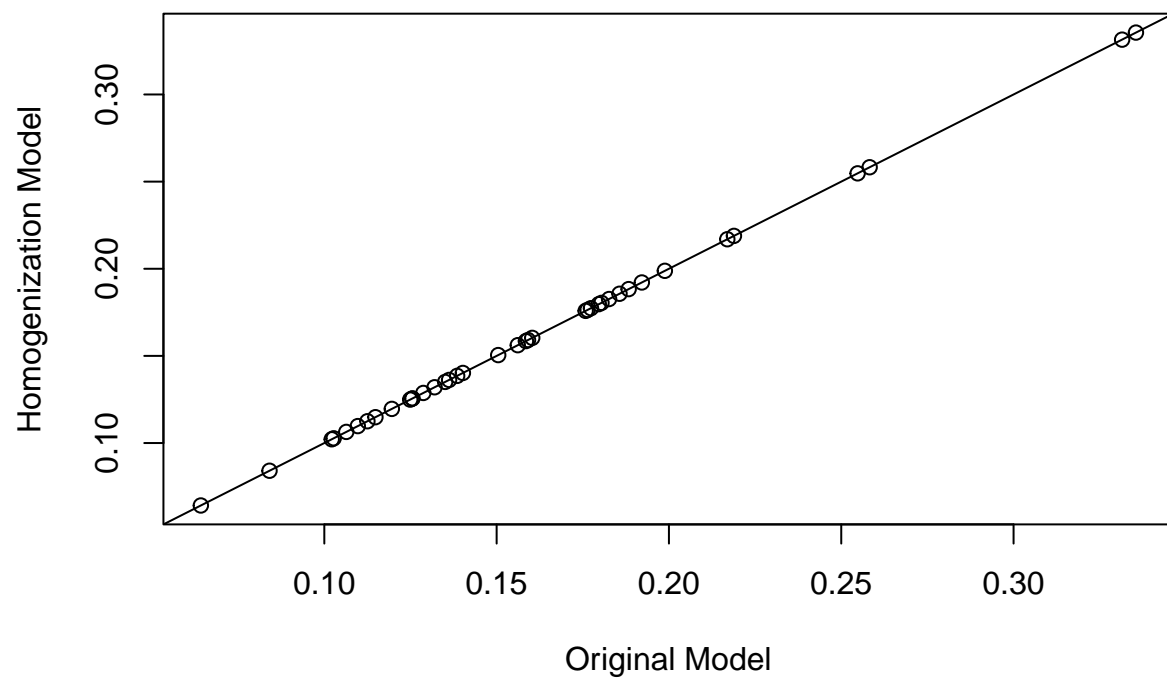
2022-07-17

number of data: 39

Model: Original Model ( $\omega=0.9$ ); Homogenization Model ( $\omega=0.9$  & homogenizing\_omega=0.9)

IGC proportions under the two models are same.

## IGC proportion: Original v.s. Homogenization



## Difference between two models

Table1: All close to 0.

Table 1: Original Model - Homogenization Model

	ll	kappa	tau
Pillar211	-3.00e-05	-0.0000247	-0.0000035
Pillar214	-1.00e-07	0.0000001	-0.0000001
Pillar222	0.00e+00	-0.0000004	0.0000001
Pillar223	4.00e-07	0.0000001	-0.0000012
Pillar337	-3.00e-07	0.0000042	0.0000013
Pillar479	1.00e-06	-0.0000017	0.0000006
Pillar521	-3.27e-05	0.0000429	-0.0000134
Pillar526	0.00e+00	0.0000001	0.0000000
Pillar735	-1.90e-06	0.0000001	-0.0000002
Pillar755	-6.30e-06	-0.0000062	0.0002225
Pillar1050	-2.00e-07	-0.0000035	-0.0000005
Pillar1053	0.00e+00	-0.0000002	0.0000000
Pillar1215	0.00e+00	0.0000007	0.0000001
Pillar2129	0.00e+00	0.0000000	0.0000000
Pillar2158	1.00e-07	-0.0000007	0.0000004
Pillar2210	0.00e+00	0.0000000	0.0000000
Pillar2214	-6.00e-07	0.0000047	-0.0000001
Pillar2358	0.00e+00	0.0000012	-0.0000002
Pillar2371	0.00e+00	-0.0000001	0.0000000
Pillar2382	-4.00e-07	-0.0000001	0.0000007
Pillar2861	8.05e-05	0.0001217	-0.0001667
Pillar3295	-6.00e-07	-0.0000025	0.0000009
Pillar3309	1.00e-07	-0.0000004	0.0000002
Pillar3337	0.00e+00	0.0000000	0.0000000
Pillar3346	2.80e-06	0.0000184	-0.0000008
Pillar3347	-1.00e-07	-0.0000003	-0.0000001
Pillar3390	0.00e+00	0.0000000	0.0000000
Pillar4025	1.92e-05	0.0000012	-0.0000020
Pillar4031	-2.00e-07	0.0000056	-0.0000002
Pillar4063	0.00e+00	-0.0000013	0.0000001
Pillar4268	3.30e-06	-0.0000361	-0.0000045
Pillar4494	3.00e-07	0.0000035	-0.0000009
Pillar4553	0.00e+00	0.0000000	0.0000001
Pillar4570	0.00e+00	-0.0000002	0.0000000
Pillar4932	2.00e-06	0.0000186	-0.0000036
Pillar5153	0.00e+00	-0.0000001	0.0000000
Pillar5233	1.00e-05	0.0000125	-0.0000058
Pillar5316	-2.00e-07	0.0000000	0.0000000
Pillar5550	-1.00e-07	-0.0000001	0.0000000