

Parameters	Values
Particles number	30
Epochs	15
Inertia	0.729844
Cognitive Component	2
Social Component	2

**Table 01:** The POS parameters.

Maps	Before	After
05	151	97
10	156	102
20	115	87
50	58	36
100	72	36

**Table 02:** The result obtained after the application of the PSO algorithm.

Parameters game	Values before	Values after
Tithe	0.606	0.575
P_tithe	0.192	0.959
P_NS	0.493	0.899
P_GR	0.554	0.159
p_DIS	0.835	0.478
Extra Fleets	0.782	0.64
Support	0.281	0.015
P_support	0.966	0.721

**Table 03:** The parameters used Before/After the evaluation process.