

Algorithme 2.1 Global Validation Strategy
Adapté de Radtke et al., (2006, p. X)

Global Validation Strategy – adapted from (Radtke et al., 2006)

Input : Empty auxiliary archive S

Output : Auxiliary archive S with the best evolved individual in the Validation set for each generation

```
1 Initialize Auxiliary archive S= $\emptyset$ ;  
2 General Initial population  
3 Fitness measure :  
4 Fitness evaluation (VAL dataset);  
5 Rank Individuals  
6 Update Auxiliary archive S  
7 while ~non_stop  
8 Generate evolved individuals : evolved(gen)  
9 Fitness evaluation;  
10 Rank Individuals;  
11 Update Auxiliary archive S :  
12 Fitness evaluation (VAL dataset);  
13 Rank individuals;  
14 Update auxiliary S with best individual between individual from generation g  
and generation (g-1);  
16 end-Update  
17 g = g + 1;  
18 Verify stop_criterion;  
19 end - while
```