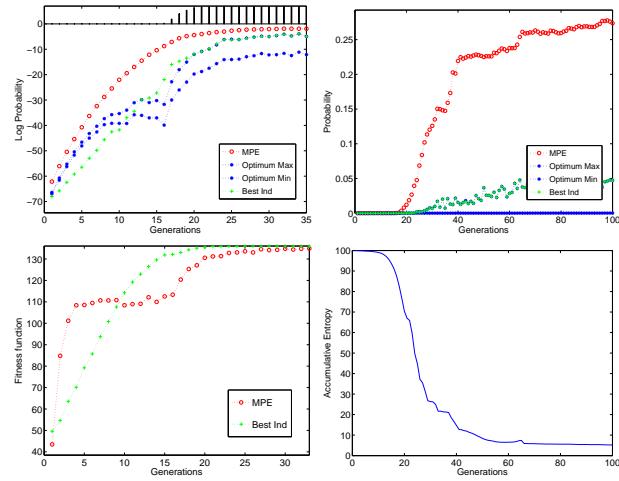


## 1. Structural learning (B algorithm)

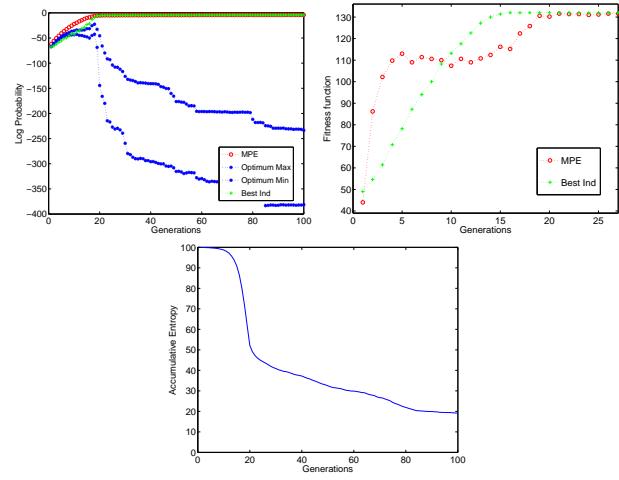
The calculation of the MPE (or MPS in the EDA context) is intractable in certain generations when EBNA uses the population size given by bisection.

### 1.1. Population size: half of bisection

#### 1.1.1. 30 successful runs



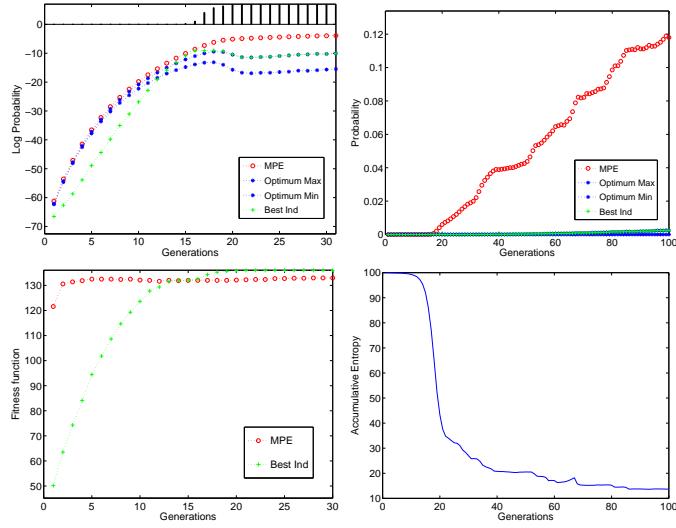
#### 1.1.2. 20 unsuccessful runs



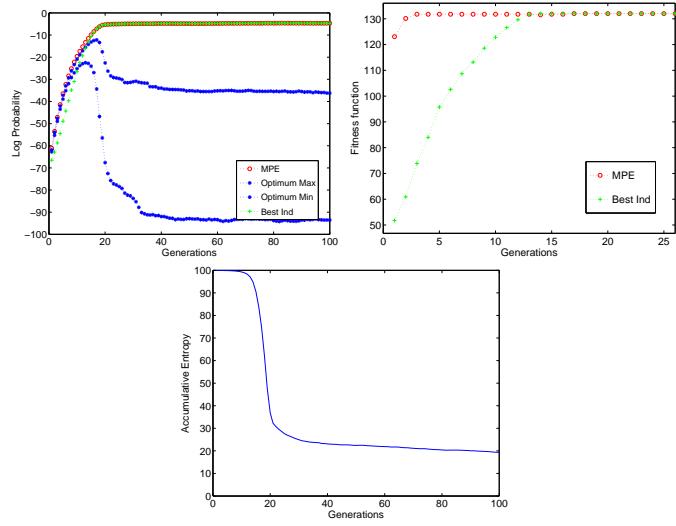
## 2. Using Complete structure

### 2.1. Population size: bisection

#### 2.1.1. 33 successful runs

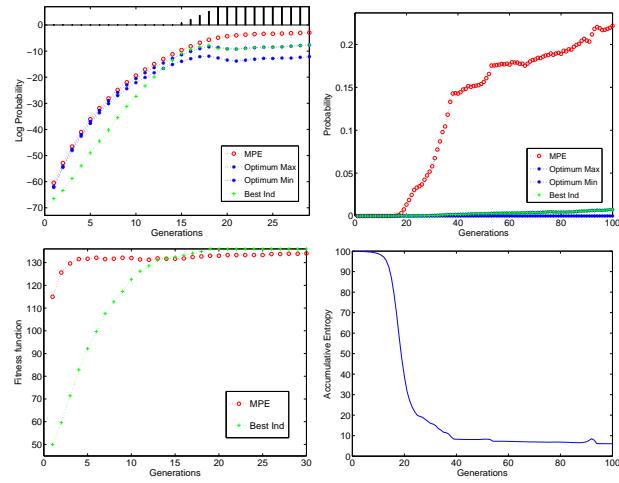


#### 2.1.2. 17 unsuccessful runs

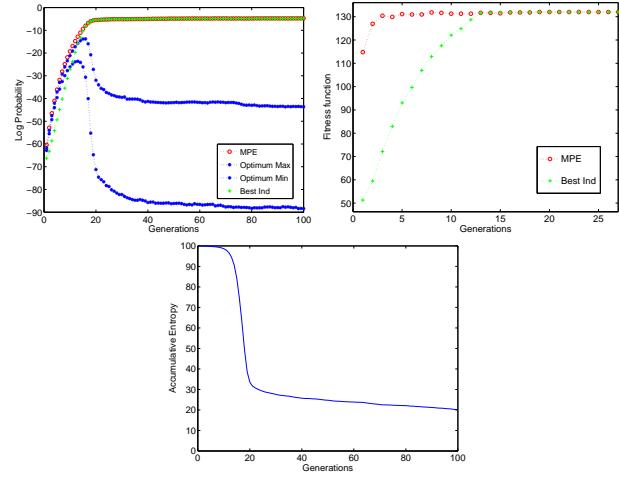


## 2.2. Population size: half of bisection

### 2.2.1. 27 successful runs



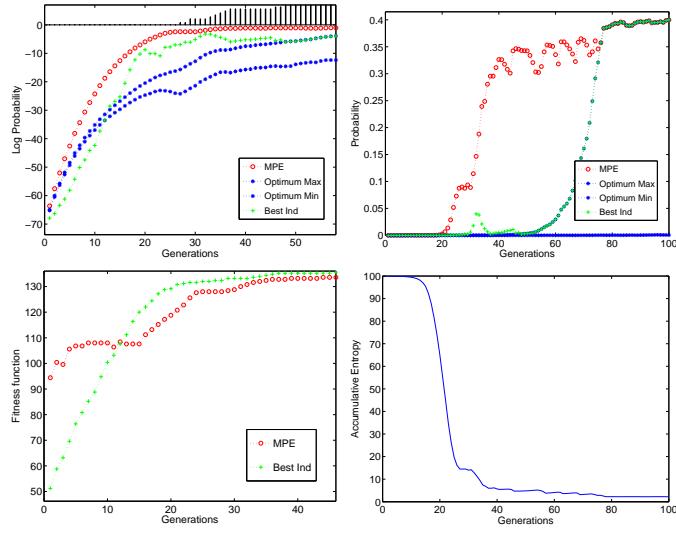
### 2.2.2. 23 unsuccessful runs



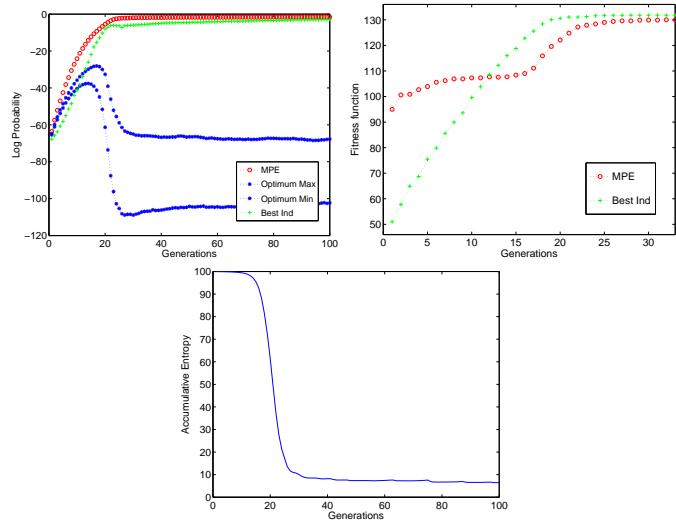
### 3. Using Bivariate structure

#### 3.1. Population size: bisection

##### 3.1.1. 10 successful runs

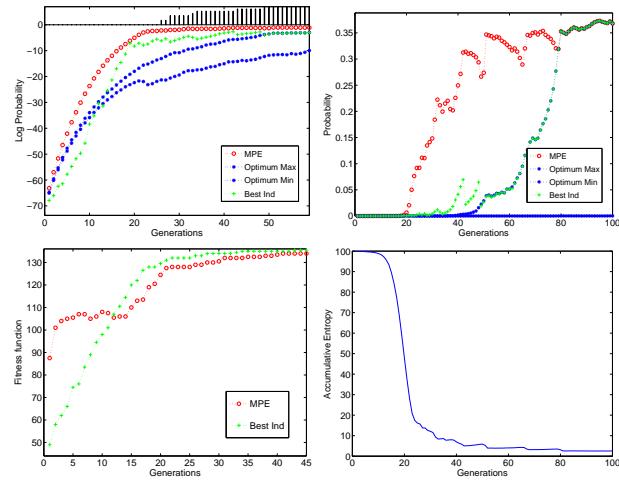


##### 3.1.2. 40 unsuccessful runs



### 3.2. Population size: half of bisection

#### 3.2.1. 8 successful runs



#### 3.2.2. 42 unsuccessful runs

