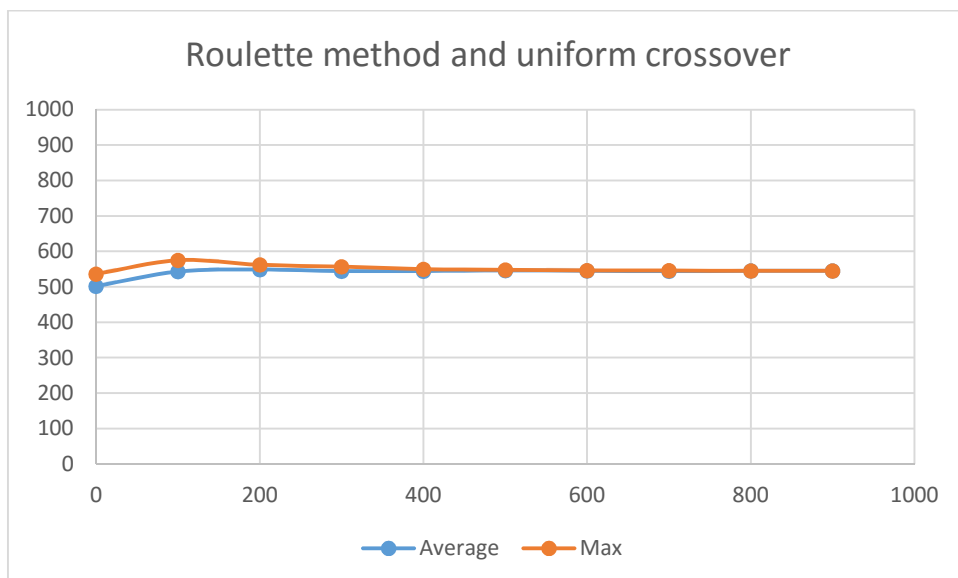
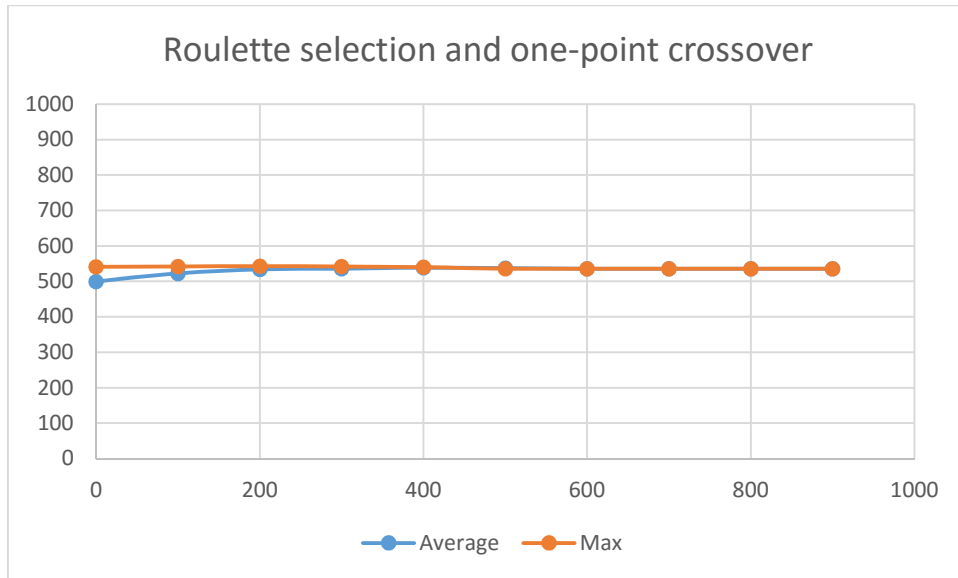


All the calculations were performed at 1000 generations.



Source code (the changes from previous one)

```
public Chromosome CreateChild(Chromosome parent2)
{
    //uniform crossover
    int chooseParent;

    Chromosome child = new Chromosome(_rnd);
    child.Genes.Clear();

    for (int i = 0; i < GENES_NUMBER; i++)
    {
        chooseParent = _rnd.Next(2);

        if (chooseParent == 1)
            child.Genes.Add(Genes.ElementAt(i));
        else
            child.Genes.Add(parent2.Genes.ElementAt(i));
    }
}
```

```
}

child.Fitness = child.Genes.Sum();

return child;

//1-point-crossover

//int point = _rnd.Next(GENES_NUMBER);
//Chromosome child = new Chromosome(_rnd);
//child.Genes.Clear();
//child.Genes.AddRange(Genes.Take(point));
//child.Genes.AddRange(parent2.Genes.Skip(point));
//child.Fitness = child.Genes.Sum();

//return child;
}
```