

## Chapitre 4 Tests d'hypothèses

### 4.1 Introduction

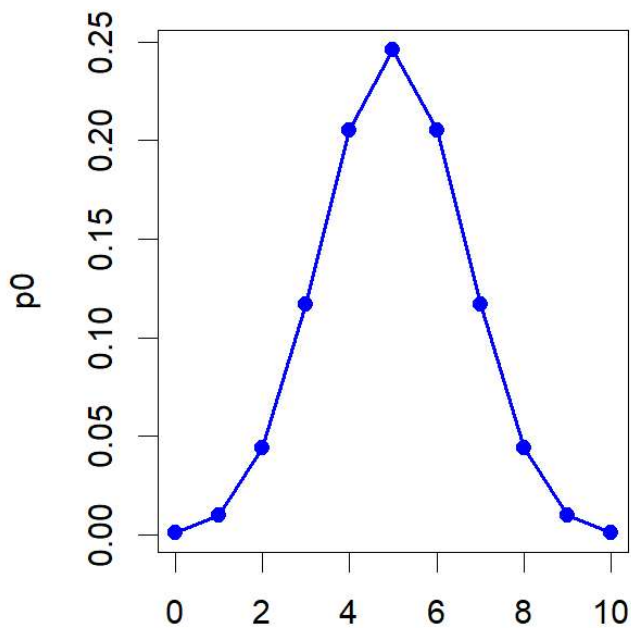
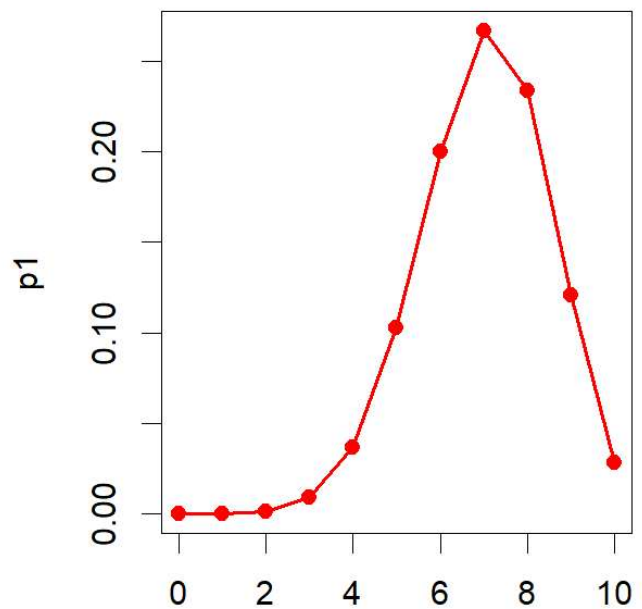
#### Exemple avec pile ou face

Show

```
[1] 0.0010 0.0098 0.0439 0.1172 0.2051 0.2461 0.2051 0.1172 0.0439 0.0098 0.0010
```

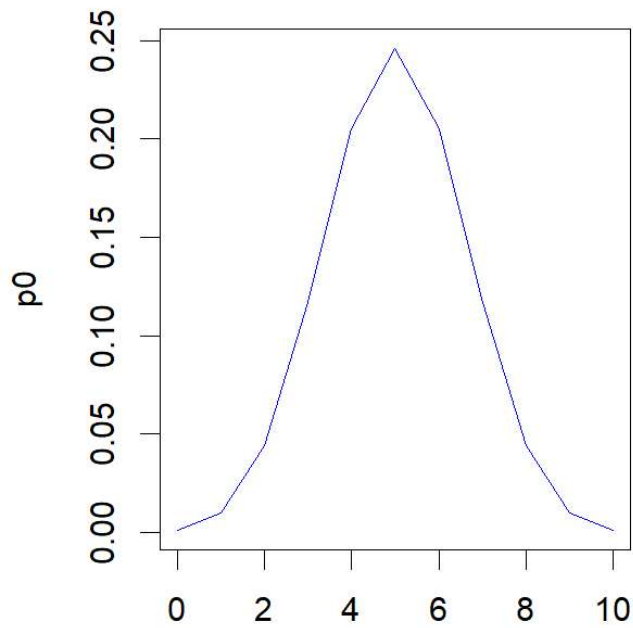
Show

Show

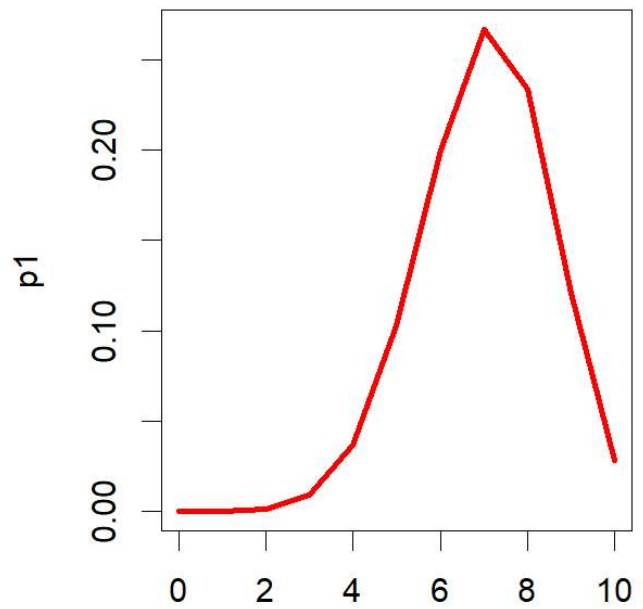
**Proba 0.5****Proba 0.7**

Show

**Proba 0.5**

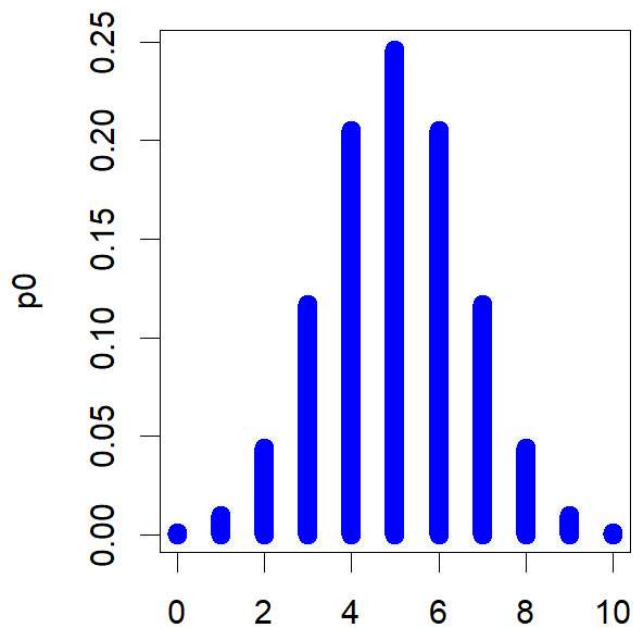


**Proba 0.7**

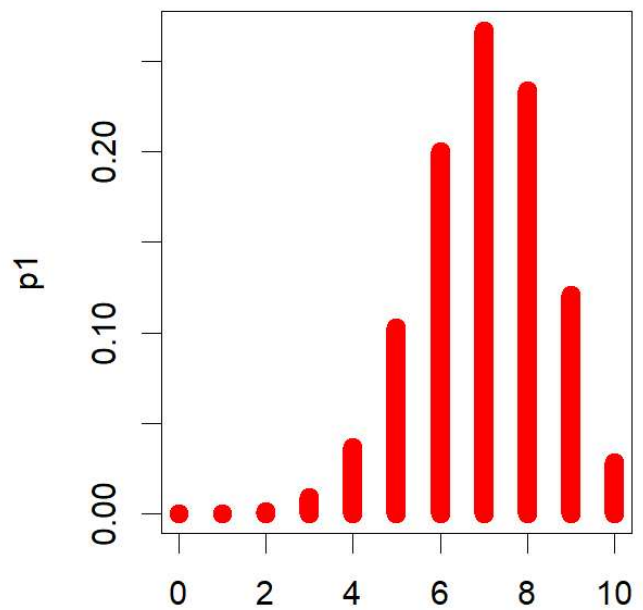


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**Proba 0.5**



**Proba 0.7**



Si on obtient un certain résultat et que nous voulions décider qu'elle probabilité est la plus vraisemblable. On peut faire le rapport de vraisemblance

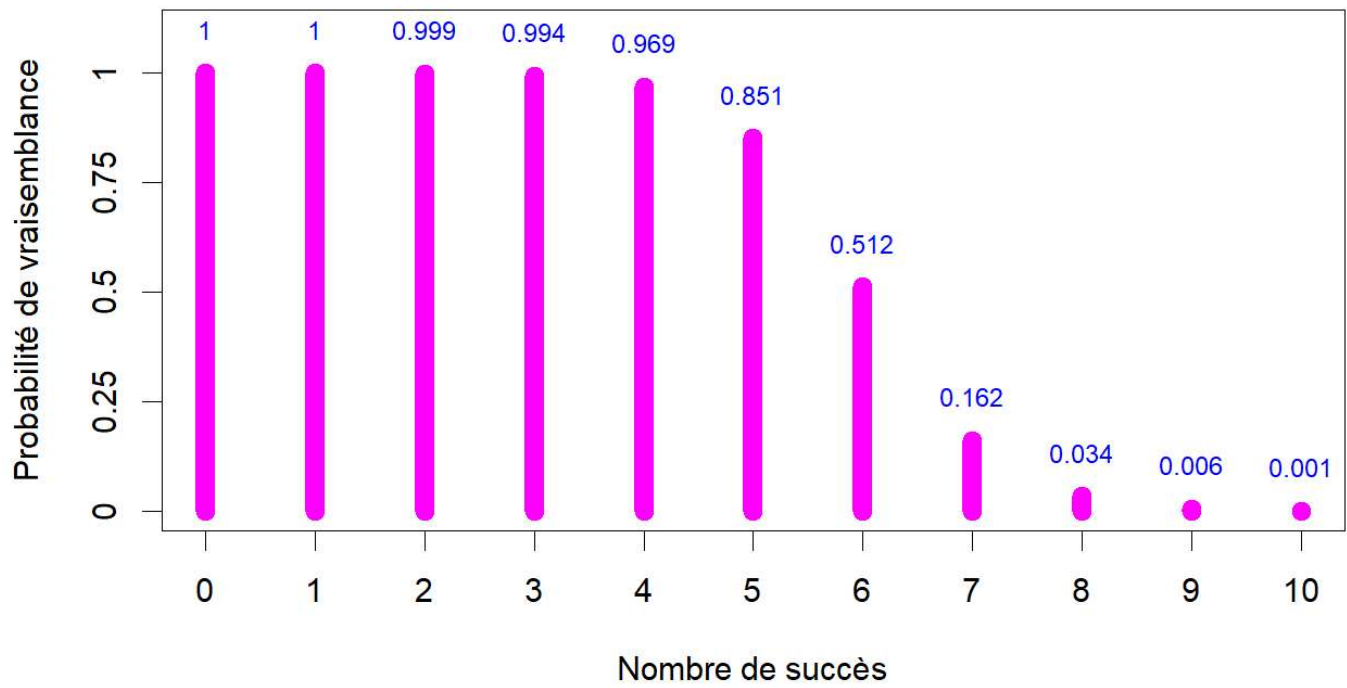
Show

[1] 165.382 70.878 30.376 13.018 5.579 2.391 1.025 0.439 0.188 0.081 0.035

Show

Show

### Probabilité que $p = 0.5$



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## Probabilité que $p = 0.7$

