Discretas

Martin Santamaria

15/8/2020

```python
from scipy.stats import binom

m,v = binom.stats(n = 10, p = 0.4, moments = 'mv')
print(f"E(X) = {m}")
```

```
## E(X) = 4.0
```

```python
print(f"VAR(X) = {v}")
```

```
## VAR(X) = 2.4
```

```python
from scipy.stats import nbinom

m,v = nbinom.stats(n = 2, p = 0.1, moments = 'mv')
print(f"E(X) = {m}")
```

```
## E(X) = 18.0
```

```python
print(f"VAR(X) = {v}")
```

```
## VAR(X) = 180.0
```