probpoker

February 23, 2021

Probabilitats del poker

Nombre de mans

```
[1]: choose(52,5)
```

2598960

```
[ ]: Nombre de pokers
```

```
[4]: choose(13,1)*choose(4,4)*choose(12,1)*choose(4,1)
```

624

Probabilitat de poker

```
[5]: 624/2598960
```

0.000240096038415366

Nombre de fulls

```
[6]: choose(13,1)*choose(4,3)*choose(12,1)*choose(4,2)
```

3744

Probabilitat de full

```
[7]: 3744/2598960
```

0.0014405762304922

Nombre de trios

```
[10]: choose(13,1)*choose(4,3)*choose(12,2)*choose(4,1)^2
```

54912

Probabilitat de trio

```
[11]: 54912/2598960
```

0.0211284513805522

Nombre de dobles parelles

[1]: `choose(13,2)*(choose(4,2)^2)*choose(11,1)*choose(4,1)`

123552

Probabilitat de doble parella

[2]: `123552/2598960`

0.0475390156062425

Nombre de parelles

[7]: `choose(13,1)*choose(4,2)*choose(12,3)*(choose(4,1)^3)`

1098240

[9]: `1098240/2598960`

0.422569027611044

[ ]: