## **Bootstrap Sampling**

## December 1, 2017

## 0.0.1 Bootstrap Sampling

Below is an array of the possible values you can obtain from a die. Let's consider different methods of sampling from these values.

1. Take a random sample of 20 values from **die\_vals** using the code below, then answer the question in the first quiz below.

```
In [2]: np.random.choice(die_vals, size=20)
Out[2]: array([4, 5, 3, 5, 5, 2, 3, 3, 3, 5, 4, 3, 6, 5, 2, 4, 6, 6, 2, 4])
```

2. Use the code below to choose another sample from **die\_vals**, then answer the question in the first quiz below.

ValueError: Cannot take a larger sample than population when 'replace=False'