**Homework 1**

**Name:** Lim Yu Guang

**Matriculation Number:** A0172618B

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Description automatically generated



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| **No. of samples** | **MLE estimate** |
| 1 | 3 |
| 2 | 2 |
| 3 | 2 |
| 4 | 1.75 |
| 5 | 1.8 |
| 6 | 1.666666667 |
| 7 | 1.428571429 |
| 8 | 1.5 |
| 9 | 1.444444444 |
| 10 | 1.3 |
| 11 | 1.636363636 |
| 12 | 2 |
| 13 | 2.076923077 |
| 14 | 2.071428571 |
| 15 | 2.2 |
| 16 | 2.3125 |
| 17 | 2.176470588 |
| 18 | 2.333333333 |
| 19 | 2.473684211 |
| 20 | 2.5 |