First Formants:

We produced the cardinal vowels three times to take the following measurements with our application.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **F1 Means (Hz)** | | | | **F2 Means (Hz)** | | | |
| **Trial** | 1 | 2 | 3 | Average | 1 | 2 | 3 | Average |
| **i** | 161.6 | 347.3 | 325.4 | 278.1 | 2170 | 1958 | 2207 | 2111.67 |
| **u** | 261.5 | 342.1 | 293.8 | 299.13 | 838.5 | 920.6 | 1108 | 955.7 |
| **a** | 774.2 | 771.4 | 848.8 | 798.13 | 1585 | 1670 | 1675 | 1643.3 |
| **α** | 691.9 | 849.8 | 653.6 | 731.77 | 569.6 | 656.6 | 959.6 | 728.6 |

|  |  |  |
| --- | --- | --- |
| Stabilisation times (s) | **F1** | **F2** |
| **i** | 7 | 4 |
| **u** | 2 | 2 |
| **a** | 3 | 4 |
| **α** | 2 | 3 |
| **Average** | 3.5 | 3.2 |