First Formants:

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

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **F1 Means (Hz)** | | | | **F2 Means (Hz)** | | | | **Voiced Duration (s)** | **Unvoiced Duration (s)** |
| **Trial** | 1 | 2 | 3 | Average | 1 | 2 | 3 | Average |  |  |
| **I** | 161.6 | 347.3 | 325.4 |  | 2170 | 1958 | 2207 |  |  |  |
| **U** |  |  |  |  |  |  |  |  |  |  |
| **A** |  |  |  |  |  |  |  |  |  |  |
| **Alpha** |  |  |  |  |  |  |  |  |  |  |
|  |  | | | | **Average** | | | |  |  |

  