

Multimodal Interaction

Group 12: Rama Ghanem & Sourabh Raj

Assignment Chapter 2: Hearing and speech

Formant Data

| Word / IPA | Vowel | 1st Member | | 2nd Member | |
|-------------|-------|-------------|----------|-------------|----------|
| | | Rama Ghanem | | Sourabh Raj | |
| | | F1 in Hz | F2 in Hz | F1 in Hz | F2 in Hz |
| see [si:] | [i] 1 | 320 | 2388 | 370 | 1946 |
| | [i] 2 | 296 | 2344 | 320 | 2124 |
| | [i] 3 | 302 | 1940 | 284 | 1925 |
| cat [kæt] | [æ] 1 | 902 | 1509 | 696 | 1699 |
| | [æ] 2 | 825 | 1565 | 691 | 1718 |
| | [æ] 3 | 858 | 1526 | 643 | 1688 |
| blue [blu:] | [u] 1 | 414 | 1116 | 540 | 1289 |
| | [u] 2 | 364 | 1030 | 469 | 1249 |
| | [u] 3 | 348 | 950 | 467 | 1466 |

Formant Plot

