**Name(s):** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Total Points** \_\_\_\_\_\_\_\_\_ / 10

**Gender and Communication Lab**

**Part 1: Ratings of a speaker’s gender**

Without looking at the physical appearance of the singer, listen to each singer in this YouTube video: <https://www.youtube.com/watch?v=rdOwcDElqXc>

Using the scale below to rate four of the singers (2 pt)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1  Masculine | 2 | 3  Gender Neutral | 4 | 5  Feminine |

Singer # 1: \_\_\_\_\_\_\_ Singer # 2: \_\_\_\_\_\_\_ Singer # 3: \_\_\_\_\_\_\_ Singer #4: \_\_\_\_\_\_\_\_

**Reflect:** What aspect of the singer’s voice were you listening for? Were you surprised when the singer was revealed? Pick one of the singers and reflect. (1 pt)

**Part 2: Topics in gender-related communication care**

* Review ASHA’s position statement on gender-related communication care
* Review definitions related to gender, sex, and sexuality
* Review healthcare disparities for gender-spectrum patients

**Reflect:** What barriers (personal, systemic) factors do you think are impacting gender-diverse patients? Why do you think these occur? What part do you play as a clinician in helping patients receive care? Choose one question and reflect. (1 pts)

**Part 3: Praat Activity**

**Part 3a: Voicemail recordings before and after voice feminization therapy**

Extract information from the steady-state of the /ɑ/ vowel in the word “hot” from the phrase “Hey hot stuff.” (3 pts)

|  |  |  |
| --- | --- | --- |
| **Measure** | **Voicemail pre** | **Voicemail post** |
| **Mean pitch (Hz)** |  |  |
| **F1 (Hz)** |  |  |
| **F2 (Hz)** |  |  |
| **F3 (Hz)** |  |  |
| **F4 (Hz)** |  |  |

**Part 3b: Recordings over testosterone therapy**

Extract the average speaking pitch and the minimum pitch from the speech statement. To do so, highlight the entire speech segment and use the “voice report” function. Make sure to pre-set your pitch range from 60-500 Hz, in order to be inclusive of male and female ranges. (1 pt)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1 day** | **3 weeks** | **6 weeks** | **9 weeks** | **12 weeks** | **16 weeks** | **20 weeks** |
| **Mean speaking pitch** |  |  |  |  |  |  |  |
| **Min speaking**  **pitch** |  |  |  |  |  |  |  |

**Reflect:** In your opinion, at what point do you think Challa sounds masculine? How does that correspond to their pitch? (1 pt)

**Summary reflection:** Why do you think it is important to have your voice match your gender? (1 pt)