### Data Dictionary Codebook

| #  | Variable / Field Name | Field Label | Field Note | Field Attributes (Field Type, Validation, Choices, Calculations, etc.) |
|----|-----------------------|-------------|------------|---------------------------------------------------------------------|
|    | **Instrument:** Interpreter Survey *(interpreter_survey)*  |  |  |  |
| 1  | record_id             | Record ID   | text       | Each record is given a unique ID for tracking purposes.               |
| 2  | consent_int           | By selecting "I Agree", you understand the information above and agree to the terms of this study. | radio, Required  
1  | I Agree               | Custom alignment: LV  |
| 3  | screen_age_int        | Are you 18 years of age or older? | yesno, Required  
1  | Yes                   | 0  | No  |
| 4  | screen_practice_int   | Have you practiced as a healthcare interpreter in the United States within the last 5 calendar years? | yesno, Required  
1  | Yes                   | 0  | No  |
| 5  | screen_workgc_int     | Have you worked with a genetic counselor before? Definition from the National Society of Genetic Counselors: "Genetic counselors are professionals who have advanced training in medical genetics and counseling to interpret genetic test results and to guide and support patients seeking more information about such things as: How inherited diseases and conditions might affect them or their families. How family and medical histories may impact the chance of disease occurrence or recurrence. Which genetic tests may or may not be right for them, and what those tests may or may not tell. How to make the most informed choices about healthcare conditions. Most genetic counselors work in a clinic or hospital and often work with obstetricians, oncologists and other doctors. Like doctors, genetic counselors can work in a variety of settings and provide different services." | radio, Required  
1  | Yes                   | 0  | No  | 2  | Unsure  |
| 6  | screen_yearspractice_int | How many years have you been a practicing healthcare interpreter in the United States (round to the nearest year; if you have been a healthcare interpreter for less than one year, please round up to one)? | text (integer, Min: 1, Max: 100) |
| Screen Times GC Int | Dropdown |
|-------------------|----------|
| Show the field ONLY if: [screen_workgc_int] = 1 | Thinking about from the start of your career working as a healthcare interpreter, approximately how many times have you worked with a genetic counselor? |
| 1                  | 1 time   |
| 2                  | 2 times  |
| 3                  | 3-5 times|
| 4                  | 6-10 times|
| 5                  | 11-20 times|
| 6                  | 21-30 times|
| 7                  | 31-40 times|
| 8                  | 41-50 times|
| 9                  | 51-60 times|
| 10                 | 61-70 times|
| 11                 | 71-80 times|
| 12                 | 81-90 times|
| 13                 | 91-100 times|
| 14                 | 101+ times|

| Specialties GC Int | Checkbox |
|--------------------|----------|
| Show the field ONLY if: [screen_workgc_int] = 1 | Which genetic counseling specialties have you interpreted for (select all that apply)? |
| 1 specialtiesgc_int___1 | Pediatrics - childhood onset conditions, newborns in the NICU/PICU |
| 2 specialtiesgc_int___2 | Prenatal - pregnant women, discussion of pregnancy screening and testing options |
| 3 specialtiesgc_int___3 | Cancer - pediatric or adult |
| 4 specialtiesgc_int___4 | Adult (non-cancer) - cardiology, neurology, etc. |
| 5 specialtiesgc_int___5 | Other (please specify): (specialtiesgcbox_int) |
| 6 specialtiesgc_int___6 | Unknown - I have worked with a genetic counselor but I am unsure in what specialty. |

| Specialties GC Box Int | Text |
|-----------------------|------|
| Show the field ONLY if: [screen_workgc_int] = 1 | |
### Regions of the United States

**Section Header:** In which regions of the United States have you provided healthcare interpreting services (select all that apply)?

| Region   | Description                                                                 |
|----------|------------------------------------------------------------------------------|
| 1        | Region 1 - New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont) |
| 2        | Region 2 - Middle Atlantic (New Jersey, New York, Pennsylvania)              |
| 3        | Region 3 - South Atlantic (Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, West Virginia) |
| 4        | Region 4 - North Central (Kansas, Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, Wisconsin) |
| 5        | Region 5 - South Central (Alabama, Arkansas, Kentucky, Louisiana, Mississippi, Oklahoma, Tennessee, Texas) |
| 6        | Region 6 - Mountain (Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, Wyoming) |
| 7        | Region 7 - West (Alaska, California, Hawaii, Oregon, Washington)             |
| 8        | I provide services across several states remotely.                           |

### Additional Languages

**Section Header:** For what language(s), in addition to English, do you provide healthcare interpreting services (select all that apply)?

| Language | Description                                                                 |
|----------|------------------------------------------------------------------------------|
| 1        | American Sign Language                                                       |
| 2        | Arabic                                                                        |
| 3        | Armenian                                                                     |
| 4        | Bengali                                                                       |
| 5        | Chinese (incl. Mandarin, Cantonese)                                          |
| 6        | French (incl. Cajun)                                                         |
| 7        | German                                                                        |
| 8        | Greek                                                                         |
| 9        | Gujarati                                                                      |
| 10       | Haitian                                                                       |
| 11       | Hebrew                                                                        |
| 12       | Hindi                                                                         |
| 13       | Hmong                                                                         |
| 34       | Ilocano, Samoan, Hawaiian, or other Austronesian languages                    |
| 14       | Italian                                                                       |
| 15       | Japanese                                                                      |
| 16       | Khmer                                                                         |
| 17       | Korean                                                                        |
| Language | Description |
|----------|-------------|
| Malayalam, Kannada, or other Dravidian languages | 35 language_gc__35 |
| Navajo | 18 language_gc__18 |
| Nepali, Marathi, or other Indic languages | 36 language_gc__36 |
| Persian (incl. Farsi, Dari) | 19 language_gc__19 |
| Polish | 20 language_gc__20 |
| Portuguese | 21 language_gc__21 |
| Punjabi | 22 language_gc__22 |
| Russian | 23 language_gc__23 |
| Serbo-Croatian | 24 language_gc__24 |
| Spanish | 25 language_gc__25 |
| Swahili or other languages of Central, Eastern, and Southern Africa | 26 language_gc__26 |
| Tagalog (incl. Filipino) | 27 language_gc__27 |
| Tamil | 28 language_gc__28 |
| Telugu | 29 language_gc__29 |
| Thai, Lao, or other Tai-Kadai languages | 37 language_gc__37 |
| Ukrainian or other Slavic languages | 30 language_gc__30 |
| Urdu | 31 language_gc__31 |
| Vietnamese | 32 language_gc__32 |
| Yiddish, Pennsylvania Dutch or other West Germanic languages | 38 language_gc__38 |
| Yoruba, Twi, Igbo, or other languages of Western Africa | 39 language_gc__39 |
| Other (please specify): | 33 language_gc__33 |

**Section Header:**

Do you have certification for interpreting in healthcare?

| Yes | No |
|-----|----|
| 1   | 0   |

**Section Header:**

Are you working towards certification for interpreting in healthcare?

| Yes | No |
|-----|----|
| 1   | 0   |

**Section Header:**

Through which organization did you receive or are you working towards certification for interpreting in healthcare?

1. National Board of Certification for Medical Interpreters (NBCMI)
2. Certification Commission for Healthcare Interpreters (CCHI)
3. Other certification body (please specify): (certorgbox_int)
| Field | Description | Validation Conditions | Options | Remarks |
|-------|-------------|------------------------|---------|---------|
| certorgbox_int | Show the field ONLY if: \([certwork_int] = 1 \) or \([cert_int] = 1\) | text | | |
| casescenario_int | Show the field ONLY if: \([screen_workgc_int] = 0\) or \([screen_workgc_int] = 2\) | Section Header: Please read the following case scenario: You are scheduled to interpret for a family with a 1 month-old baby with Down syndrome. The family has limited English proficiency and speaks the language you interpret for. They are coming to the visit to receive the genetic testing results confirming the baby’s diagnosis of Down syndrome. The remaining questions will pertain to the case scenario. Please answer the following questions in consideration of how you might respond if you were presented with this case. | radio | I have read the case scenario. Custom alignment: LV |
| methodsgc_int | Show the field ONLY if: \([screen_workgc_int] = 1\) | Section Header: Through what methods have you provided interpreting services for a genetic counseling session (select all that apply)? | checkbox | In-person  
Telephone through hospital (in-house)  
Telehealth (with audio and video) through hospital (in-house)  
Telephone through outside agency  
Telehealth (with audio and video) through outside agency  
Other (please specify): \(\text{methodsgcbox_int}\) Custom alignment: LV |
| methodsgcbox_int | Show the field ONLY if: \([screen_workgc_int] = 1\) | text | | |
| methodsgcpref_int | Show the field ONLY if: \([screen_workgc_int] = 1\) | Of the methods you have provided interpreting services in the past, what is your preferred method of providing interpreting services for a genetic counseling session? | radio | In-person  
Telephone through hospital (in-house)  
Telehealth (with audio and video) through hospital (in-house)  
Telephone through outside agency  
Telehealth (with audio and video) through outside agency  
Other (please specify): \(\text{methodsgcprefbox_int}\) Custom alignment: LV |
| methodsgcprefbox_int | Show the field ONLY if: \([screen_workgc_int] = 1\) | text | | |
| name_int | Show the field ONLY if: \([screen_workgc_int] = 1\) | Section Header: How often does a genetic counselor discuss with you before the session the following topics: The name of the condition the patient has or is at risk for | radio (Matrix) | Never  
Rarely  
Sometimes  
Often  
Always |
### Genetic Counselor and Interpreter Perspectives: Allocation of Roles - Interpreter Survey | REDCap

#### 23. `descritt_int`
Show the field ONLY if: `[screen_workgc_int] = 1`  
A description of the condition (i.e. main physical features, gene(s) involved, etc.)

| Radio (Matrix) | 1 | 2 | 3 | 4 | 5 |
|---------------|---|---|---|---|---|
| Never         |   |   |   |   |   |
| Rarely        |   |   |   |   |   |
| Sometimes     |   |   |   |   |   |
| Often         |   |   |   |   |   |
| Always        |   |   |   |   |   |

#### 24. `purpose_int`
Show the field ONLY if: `[screen_workgc_int] = 1`  
The purpose of the session (i.e. reason for referral)

| Radio (Matrix) | 1 | 2 | 3 | 4 | 5 |
|---------------|---|---|---|---|---|
| Never         |   |   |   |   |   |
| Rarely        |   |   |   |   |   |
| Sometimes     |   |   |   |   |   |
| Often         |   |   |   |   |   |
| Always        |   |   |   |   |   |

#### 25. `goal_int`
Show the field ONLY if: `[screen_workgc_int] = 1`  
The goal of the session (i.e. to discuss genetic testing options, to give genetic testing results, etc.)

| Radio (Matrix) | 1 | 2 | 3 | 4 | 5 |
|---------------|---|---|---|---|---|
| Never         |   |   |   |   |   |
| Rarely        |   |   |   |   |   |
| Sometimes     |   |   |   |   |   |
| Often         |   |   |   |   |   |
| Always        |   |   |   |   |   |

#### 26. `definition_int`
Show the field ONLY if: `[screen_workgc_int] = 1`  
Definitions of important terminology

| Radio (Matrix) | 1 | 2 | 3 | 4 | 5 |
|---------------|---|---|---|---|---|
| Never         |   |   |   |   |   |
| Rarely        |   |   |   |   |   |
| Sometimes     |   |   |   |   |   |
| Often         |   |   |   |   |   |
| Always        |   |   |   |   |   |

#### 27. `famdynam_int`
Show the field ONLY if: `[screen_workgc_int] = 1`  
Family dynamics (i.e. child is adopted, parents are divorced, legal guardian is the grandmother, etc.)

| Radio (Matrix) | 1 | 2 | 3 | 4 | 5 |
|---------------|---|---|---|---|---|
| Never         |   |   |   |   |   |
| Rarely        |   |   |   |   |   |
| Sometimes     |   |   |   |   |   |
| Often         |   |   |   |   |   |
| Always        |   |   |   |   |   |

#### 28. `name_imp`
Section Header: How important is it that a genetic counselor discusses with you before the session the following topics:  
The name of the condition the patient has or is at risk for

| Radio (Matrix) | 1 | 2 | 3 | 4 | 5 |
|---------------|---|---|---|---|---|
| Not Important |   |   |   |   |   |
| Slightly Important |   |   |   |   |   |
| Moderately Important |   |   |   |   |   |
| Important |   |   |   |   |   |
| Very Important |   |   |   |   |   |

#### 29. `descritt_imp`
A description of the condition (i.e. main physical features, gene(s) involved, etc.)

| Radio (Matrix) | 1 | 2 | 3 | 4 | 5 |
|---------------|---|---|---|---|---|
| Not Important |   |   |   |   |   |
| Slightly Important |   |   |   |   |   |
| Moderately Important |   |   |   |   |   |
| Important |   |   |   |   |   |
| Very Important |   |   |   |   |   |

#### 30. `purpose_imp`
The purpose of the session (i.e. reason for referral)

| Radio (Matrix) | 1 | 2 | 3 | 4 | 5 |
|---------------|---|---|---|---|---|
| Not Important |   |   |   |   |   |
| Slightly Important |   |   |   |   |   |
| Moderately Important |   |   |   |   |   |
| Important |   |   |   |   |   |
| Very Important |   |   |   |   |   |
|   |   |   |
|---|---|---|
| goal_imp | The goal of the session (i.e. to discuss genetic testing options, to give genetic testing results, etc.) | radio (Matrix) |
|   |   | 1 Not Important |
|   |   | 2 Slightly Important |
|   |   | 3 Moderately Important |
|   |   | 4 Important |
|   |   | 5 Very Important |
| definition_imp | Definitions of important terminology | radio (Matrix) |
|   |   | 1 Not Important |
|   |   | 2 Slightly Important |
|   |   | 3 Moderately Important |
|   |   | 4 Important |
|   |   | 5 Very Important |
| famdynam_imp | Family dynamics (i.e. child is adopted, parents are divorced, legal guardian is the grandmother, etc.) | radio (Matrix) |
|   |   | 1 Not Important |
|   |   | 2 Slightly Important |
|   |   | 3 Moderately Important |
|   |   | 4 Important |
|   |   | 5 Very Important |
| empowering_patients | Section Header: Please consider the following roles during a genetic counseling session. Please select for each role whether the role should be the responsibility of a genetic counselor (GC), a healthcare interpreter (HI), neither, or both. Empowering patients | radio (Matrix) |
|   |   | 1 Always GC |
|   |   | 2 Mostly GC |
|   |   | 3 Equally GC and HI |
|   |   | 4 Neither GC nor HI |
|   |   | 5 Mostly HI |
|   |   | 6 Always HI |
| clarifying_patient_underst | Clarifying patient understanding of information | radio (Matrix) |
|   |   | 1 Always GC |
|   |   | 2 Mostly GC |
|   |   | 3 Equally GC and HI |
|   |   | 4 Neither GC nor HI |
|   |   | 5 Mostly HI |
|   |   | 6 Always HI |
| improving_patient_health_l | Improving patient health literacy | radio (Matrix) |
|   |   | 1 Always GC |
|   |   | 2 Mostly GC |
|   |   | 3 Equally GC and HI |
|   |   | 4 Neither GC nor HI |
|   |   | 5 Mostly HI |
|   |   | 6 Always HI |
| advocating_for_the_patient | Advocating for the patient in the healthcare setting | radio (Matrix) |
|   |   | 1 Always GC |
|   |   | 2 Mostly GC |
|   |   | 3 Equally GC and HI |
|   |   | 4 Neither GC nor HI |
|   |   | 5 Mostly HI |
|   |   | 6 Always HI |
| 38  | assessing_patient_affect | Assessing patient affect | radio (Matrix) |
|-----|--------------------------|--------------------------|----------------|
|     |                          |                          | 1  | Always GC  |
|     |                          |                          | 2  | Mostly GC  |
|     |                          |                          | 3  | Equally GC and HI |
|     |                          |                          | 4  | Neither GC nor HI |
|     |                          |                          | 5  | Mostly HI   |
|     |                          |                          | 6  | Always HI   |

| 39  | managing_patient_emotions | Managing patient emotions | radio (Matrix) |
|-----|----------------------------|---------------------------|----------------|
|     |                            |                          | 1  | Always GC  |
|     |                            |                          | 2  | Mostly GC  |
|     |                            |                          | 3  | Equally GC and HI |
|     |                            |                          | 4  | Neither GC nor HI |
|     |                            |                          | 5  | Mostly HI   |
|     |                            |                          | 6  | Always HI   |

| 40  | expressing_empathy_verbal | Expressing empathy verbally (word choice, empathy statements) | radio (Matrix) |
|-----|---------------------------|---------------------------------------------------------------|----------------|
|     |                           |                                                               | 1  | Always GC  |
|     |                           |                                                               | 2  | Mostly GC  |
|     |                           |                                                               | 3  | Equally GC and HI |
|     |                           |                                                               | 4  | Neither GC nor HI |
|     |                           |                                                               | 5  | Mostly HI   |
|     |                           |                                                               | 6  | Always HI   |

| 41  | expressing_empathy_nonverbal | Expressing empathy nonverbally (tone of voice, pacing) | radio (Matrix) |
|-----|------------------------------|--------------------------------------------------------|----------------|
|     |                             |                                                        | 1  | Always GC  |
|     |                             |                                                        | 2  | Mostly GC  |
|     |                             |                                                        | 3  | Equally GC and HI |
|     |                             |                                                        | 4  | Neither GC nor HI |
|     |                             |                                                        | 5  | Mostly HI   |
|     |                             |                                                        | 6  | Always HI   |

| 42  | engaging_in_relationship_b | Engaging in relationship-building with the patient | radio (Matrix) |
|-----|-----------------------------|---------------------------------------------------|----------------|
|     |                             |                                                   | 1  | Always GC  |
|     |                             |                                                   | 2  | Mostly GC  |
|     |                             |                                                   | 3  | Equally GC and HI |
|     |                             |                                                   | 4  | Neither GC nor HI |
|     |                             |                                                   | 5  | Mostly HI   |
|     |                             |                                                   | 6  | Always HI   |

| 43  | ensuring_cultural_appropriateness | Ensuring the content is delivered in a culturally-appropriate way | radio (Matrix) |
|-----|-----------------------------------|------------------------------------------------------------------|----------------|
|     |                                    |                                                                  | 1  | Always GC  |
|     |                                    |                                                                  | 2  | Mostly GC  |
|     |                                    |                                                                  | 3  | Equally GC and HI |
|     |                                    |                                                                  | 4  | Neither GC nor HI |
|     |                                    |                                                                  | 5  | Mostly HI   |
|     |                                    |                                                                  | 6  | Always HI   |
| Question ID | Question Text | Options | Description |
|-------------|---------------|---------|-------------|
| 44 | maintaining_cultural_sensi | Maintaining understanding of patient's culture | radio (Matrix)  
1. Always GC  
2. Mostly GC  
3. Equally GC and HI  
4. Neither GC nor HI  
5. Mostly HI  
6. Always HI |
| 45 | responding_to_patient_cult | Reacting to patient cultural concerns | radio (Matrix)  
1. Always GC  
2. Mostly GC  
3. Equally GC and HI  
4. Neither GC nor HI  
5. Mostly HI  
6. Always HI |
| 46 | assessing_relevant_patient | Assessing relevant patient cultural beliefs for the session | radio (Matrix)  
1. Always GC  
2. Mostly GC  
3. Equally GC and HI  
4. Neither GC nor HI  
5. Mostly HI  
6. Always HI |
| 47 | roleint_int | Section Header: Which title/description do you think best describes the role of a healthcare interpreter? | radio  
1. Message converter - interpreter remains the voice of the patient and provider  
2. Manager/Clarifier - interpreter checks for patient understanding and clarifies information to facilitate understanding  
3. Cultural broker/liaison - interpreter has knowledge on the particular cultural beliefs of the individuals they are interpreting for, allowing the interpreter to detect cultural misunderstandings and provide the necessary cultural framework to clear up any misunderstandings  
4. Patient advocate - interpreter acts on certain issues if they feel that the patient's health, well-being, or dignity is at risk  
5. Other: {roleintbox_int} |
| 48 | roleintbox_int | | text |
| 49 | resources_int | Section Header: Have you received resources related to interpreting in genetic counseling from a genetic counselor you worked with? | yesno  
1. Yes  
0. No  
|
| Field         | Description                                                                 | Type     | Options                                                                 |
|--------------|-----------------------------------------------------------------------------|----------|-------------------------------------------------------------------------|
| resourcestypes_int | Show the field ONLY if: [resources_int] = 1 and [screen_workgc_int] = 1 | checkbox | - Seminars/Webinars hosted by genetic counselors                          |
|              |                                                                             |          | - Online genetics resources (i.e. Genetics Home Reference, Genereviews) |
|              |                                                                             |          | - List of common genetic terminology                                     |
|              |                                                                             |          | - Online medical genetics translation tool (i.e. Lexigene)                |
|              |                                                                             |          | - Patient resource pamphlets                                             |
|              |                                                                             |          | - Other (please specify): [resourcestypesbox_int]                        |
| resourcestypesbox_int | Show the field ONLY if: [resources_int] = 1 and [screen_workgc_int] = 1 | text     |                                                                         |
| resourcesinit_int | Show the field ONLY if: [resources_int] = '1' and [screen_workgc_int] = 1 | radio    | - I, the healthcare interpreter, did.                                   |
|              |                                                                             |          | - The genetic counselor did.                                             |
|              |                                                                             |          | - I have both initiated and had a genetic counselor initiate this conversation. |
| resources_int2 | Show the field ONLY if: [screen_workgc_int] = 0 or [screen_workgc_int] = 2 or [resources_int] = 0 | yesno    | - Yes                                                                    |
|              |                                                                             |          | - No                                                                     |
| resourcestypes_int2 | Show the field ONLY if: [resources_int2] = 1 | checkbox | - Seminars/Webinars hosted by genetic counselors                          |
|              |                                                                             |          | - Online genetics resources (i.e. Genetics Home Reference, Genereviews) |
|              |                                                                             |          | - List of common genetic terminology                                     |
|              |                                                                             |          | - Online medical genetics translation tool (i.e. Lexigene)                |
|              |                                                                             |          | - Patient resource pamphlets                                             |
|              |                                                                             |          | - Other (please specify): [resourcestypesbox_int2]                       |
| resourcestypesbox_int2 | Show the field ONLY if: [resources_int2] = 1 | text     |                                                                         |
| Field Name  | Description                                                                 | Section Header                                                   | Value Type |
|------------|-----------------------------------------------------------------------------|------------------------------------------------------------------|------------|
| resourcesgc_int | Show the field ONLY if: [screen_workgc_int] = 0 or [resources_int] = 0 | Would you like to receive resources related to interpreting in genetic counseling from a genetic counselor? | yesno      |
| resourceshelp_int | Show the field ONLY if: [resourcesgc_int] = 1 or [resources_int] = 1 | What resources would be helpful to receive from a genetic counselor (select all that apply)? | checkbox   |
| resourceshelpbox_int | | | text |
| lacktime_int | Show the field ONLY if: [screen_workgc_int] = 1 | How often do you encounter the following constraints when working with genetic counselors? |
| lackfamiliarity_int | Show the field ONLY if: [screen_workgc_int] = 1 | Lack of familiarity with genetic terminology | radio (Matrix) |
| infofromgc_int | Show the field ONLY if: [screen_workgc_int] = 1 | Insufficient information pre-session from genetic counselor to provide interpreting | radio (Matrix) |
| lacktrust_int | Show the field ONLY if: [screen_workgc_int] = 1 | Lack of trust from genetic counselor of my interpreting | radio (Matrix) |
| Field          | Description                                                                 | Subfield | Options |
|---------------|-----------------------------------------------------------------------------|----------|---------|
| 63 clarquest_int | Feeling unable to ask clarifying questions of genetic counselor             | radio (Matrix) | 1 Never, 2 Rarely, 3 Sometimes, 4 Usually, 5 Always, 6 Not applicable |
| 64 respect_int  | Not feeling respected during a session                                       | radio (Matrix) | 1 Never, 2 Rarely, 3 Sometimes, 4 Usually, 5 Always, 6 Not applicable |
| 65 techissue_int | Technology issues (if working remotely)                                     | radio (Matrix) | 1 Never, 2 Rarely, 3 Sometimes, 4 Usually, 5 Always, 6 Not applicable |
| 66 sched_int    | Insufficient time provided by department schedule to meet session needs      | radio (Matrix) | 1 Never, 2 Rarely, 3 Sometimes, 4 Usually, 5 Always, 6 Not applicable |
| 67 lacktraining_int | Lack of training in interpreting in genetics                               | radio (Matrix) | 1 Never, 2 Rarely, 3 Sometimes, 4 Usually, 5 Always, 6 Not applicable |
| 68 lacktraininggc_int | Lack of training in interpreting in genetic counseling                    | radio (Matrix) | 1 Never, 2 Rarely, 3 Sometimes, 4 Usually, 5 Always, 6 Not applicable |
| 69 constraintsother_int | Please describe constraints you have encountered while collaborating with genetic counselors that are not listed above and how frequently you encounter them (if applicable). | notes | Custom alignment: LV |
| 70 relationshipimp_int | What suggestions do you have on how the genetic counselor and healthcare interpreter relationship can be improved? | notes | Custom alignment: LV |
| ID  | Field         | Description                                                                                           | Type               |
|-----|---------------|--------------------------------------------------------------------------------------------------------|--------------------|
| 71  | demo_age      | What is your current age in years (round to the nearest year)?                                         | text (integer, Min: 18, Max: 100) |
| 72  | education_int | What is the highest degree or level of school you have completed?                                       | radio              |
| 73  | demo_gender   | What is your gender?                                                                                   | radio              |
| 74  | demo_genderbox|                                                                                                        | text               |
| 75  | demo_hisp     | Do you identify as Hispanic or Latino?                                                                 | yes/no             |
| 76  | demo_raceeth  | How would you identify your race/ethnicity (select all that apply)?                                     | checkbox           |
| 77  | demoraceethbox|                                                                                                        | text               |
| 78  | interpreter_survey_complete | Section Header: Form Status<br>Complete?                                                               | dropdown           |