



| file <sup>1</sup> | introduction topic <sup>2</sup> | & B turns <sup>3</sup> | length B turns | duration <sup>4</sup> | age | gender | country        | language | homelang1 <sup>5</sup> | homelang2 <sup>6</sup> | schooleng <sup>7</sup> | unieng <sup>8</sup> | monthse <sup>9</sup> | olang1 <sup>10</sup> | olang2 <sup>11</sup> | olang3 <sup>12</sup> | interviewer's gender | interviewer's language | interviewer's olang1 | interviewer's olang2 | status <sup>13</sup> |
|-------------------|---------------------------------|------------------------|----------------|-----------------------|-----|--------|----------------|----------|------------------------|------------------------|------------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|------------------------|----------------------|----------------------|----------------------|
| CZ001             | Country                         | 2559                   | 1985           | 00:15:28              | 23  | Female | Czech Republic | Czech    | Czech                  |                        | 11                     | 4                   | 2.5                  | French               | Other                | Italian              | Female               | English                | Czech                | German               | Vaguely familiar     |
| CZ002             | Film                            | 2908                   | 2197           | 00:18:53              | 22  | Male   | Czech Republic | Czech    | Czech                  |                        | 11                     | 3                   | 1                    | German               |                      |                      | Female               | English                | Czech                | German               | Vaguely familiar     |
| CZ003             | Country                         | 2133                   | 1648           | 00:11:25              | 23  | Female | Czech Republic | Czech    | Czech                  |                        | 12                     | 4                   | 3                    | French               | Swedish              |                      | Female               | English                | Czech                | German               | Vaguely familiar     |
| CZ004             | Country                         | 2717                   | 2315           | 00:18:41              | 24  | Female | Czech Republic | Czech    | Czech                  |                        | 6                      | 5                   | 0                    | German               | French               | Russian              | Female               | English                | Czech                | German               | Vaguely familiar     |
| CZ005             | Experience                      | 2674                   | 1990           | 00:15:05              | 22  | Female | Czech Republic | Czech    | Czech                  |                        | 11                     | 3                   | 0                    | German               | French               |                      | Female               | English                | Czech                | German               | Vaguely familiar     |
| CZ006             | Country                         | 2368                   | 1992           | 00:14:00              | 21  | Female | Czech Republic | Czech    | Czech                  |                        | 11                     | 3                   | 1.5                  | Italian              | German               |                      | Female               | English                | Czech                | German               | Vaguely familiar     |
| CZ007             | Country                         | 1875                   | 1324           | 00:12:36              | 24  | Female | Czech Republic | Czech    | Czech                  |                        | 9                      | 4                   | 5                    | German               |                      |                      | Female               | English                | Czech                | German               | Vaguely familiar     |
| CZ008             | Country                         | 2416                   | 1897           | 00:13:56              | 22  | Male   | Czech Republic | Czech    | Czech                  |                        | 10                     | 3                   | 11                   | German               | Other                | Spanish              | Female               | English                | Czech                | German               | Vaguely familiar     |
| CZ009             | Country                         | 2666                   | 2178           | 00:15:29              | 24  | Female | Czech Republic | Czech    | Czech                  |                        | 11                     | 3                   | 5.5                  | Spanish              | Russian              | German               | Female               | English                | Czech                | German               | Vaguely familiar     |
| CZ010             | Country                         | 2890                   | 2502           | 00:18:25              | 21  | Female | Czech Republic | Czech    | Czech                  |                        | 8                      | 2                   | 0.5                  | French               | Russian              | German               | Female               | English                | Czech                | German               | Vaguely familiar     |
| CZ011             | Film                            | 2604                   | 2126           | 00:12:58              | 21  | Female | Czech Republic | Czech    | Czech                  |                        | 8                      | 3                   | 0.25                 | French               |                      |                      | Female               | English                | Czech                | German               | Vaguely familiar     |
| CZ012             | Country                         | 3402                   | 3045           | 00:16:37              | 27  | Male   | Czech Republic | Czech    | Czech                  |                        | 9                      | 6                   | 1.5                  | German               | Other                |                      | Female               | English                | Czech                | German               | Vaguely familiar     |
| CZ013             | Film                            | 2308                   | 1794           | 00:14:41              | 21  | Female | Czech Republic | Czech    | Czech                  |                        | 11                     | 3                   | 0.75                 | German               |                      |                      | Female               | English                | Czech                | German               | Vaguely familiar     |
| CZ014             | Film                            | 2308                   | 1796           | 00:16:18              | 24  | Female | Czech Republic | Czech    | Czech                  |                        | 6                      | 4                   | 0.5                  | German               |                      |                      | Female               | English                | Czech                | German               | Vaguely familiar     |
| CZ015             | Film                            | 2429                   | 1977           | 00:17:37              | 22  | Female | Czech Republic | Czech    | Czech                  |                        | 10                     | 3                   | 0.25                 | German               |                      |                      | Female               | English                | Czech                | German               | Vaguely familiar     |
| CZ016             | Country                         | 2951                   | 2419           | 00:18:57              | 21  | Female | Czech Republic | Czech    | Czech                  |                        | 14                     | 3                   | 168                  | German               | Other                | Italian              | Female               | English                | Czech                | German               | Vaguely familiar     |
| CZ017             | Experience                      | 2492                   | 2123           | 00:17:22              | 21  | Male   | Czech Republic | Czech    | Czech                  |                        | 8                      | 3                   | 0                    | German               |                      |                      | Female               | English                | Czech                | German               | Vaguely familiar     |
| CZ018             | Film                            | 2424                   | 1820           | 00:19:35              | 24  | Female | Czech Republic | Czech    | Czech                  |                        | 16                     | 5                   | 0                    | German               | Other                | Spanish              | Female               | English                | Czech                | German               | Vaguely familiar     |
| CZ019             | Experience                      | 2892                   | 2454           | 00:16:35              | 24  | Female | Czech Republic | Czech    | Czech                  |                        | 8                      | 5                   | 8                    | Russian              | German               | Other                | Female               | English                | Czech                | German               | Vaguely familiar     |
| CZ020             | Experience                      | 3094                   | 2423           | 00:20:06              | 21  | Female | Czech Republic | Czech    | Czech                  | Finnish                | 8                      | 3                   | 1.25                 | German               | Swedish              |                      | Female               | English                | Czech                | German               | Vaguely familiar     |
| CZ021             | Country                         | 2543                   | 1908           | 00:14:12              | 24  | Female | Czech Republic | Czech    | Czech                  | Other                  | 13                     | 4                   | 10                   | German               |                      |                      | Female               | English                | Czech                | German               | Vaguely familiar     |
| CZ022             | Experience                      | 2304                   | 1817           | 00:15:17              | 21  | Female | Czech Republic | Czech    | Czech                  |                        | 4                      | 3                   | 12                   | German               |                      |                      | Female               | English                | Czech                | German               | Vaguely familiar     |
| CZ023             | Country                         | 2750                   | 2165           | 00:16:21              | 23  | Female | Czech Republic | Czech    | Czech                  |                        | 8                      | 4                   | 36                   | French               | German               | Spanish              | Female               | English                | Czech                | German               | Vaguely familiar     |
| CZ024             | Film                            | 2147                   | 1423           | 00:13:44              | 26  | Female | Czech Republic | Czech    | Czech                  |                        | 0                      | 5                   | 24                   | None                 |                      |                      | Female               | English                | Czech                | German               | Vaguely familiar     |
| CZ025             | Country                         | 2826                   | 2232           | 00:16:54              | 22  | Female | Czech Republic | Czech    | Czech                  |                        | 12                     | 3                   | 0.25                 | German               | Irish                |                      | Male                 | Czech                  | English              | Italian              | Familiar             |
| CZ026             | Film                            | 2755                   | 2262           | 00:15:07              | 22  | Female | Czech Republic | Czech    | Czech                  | English 5%             | 8                      | 3                   | 36                   | French               | German               |                      | Male                 | Czech                  | English              | Italian              | Familiar             |
| CZ027             | Country                         | 2039                   | 1296           | 00:12:27              | 20  | Female | Czech Republic | Czech    | Czech                  |                        | 9                      | 3                   | 60                   | Spanish              |                      |                      | Male                 | Czech                  | English              | Italian              | Familiar             |
| CZ028             | Experience                      | 2384                   | 1893           | 00:15:20              | 21  | Female | Czech Republic | Czech    | Czech                  |                        | 10                     | 3                   | 0                    | French               |                      |                      | Male                 | Czech                  | English              | Italian              | Familiar             |
| CZ029             | Film                            | 2551                   | 1992           | 00:14:58              | 21  | Female | Czech Republic | Czech    | Czech                  |                        | 11                     | 3                   | 1.125                | Dutch                | German               |                      | Male                 | Czech                  | English              | Italian              | Familiar             |
| CZ030             | Experience                      | 3052                   | 2412           | 00:17:05              | 21  | Female | Czech Republic | Czech    | Czech                  |                        | 9                      | 3                   | 2.75                 | French               | Spanish              |                      | Male                 | Czech                  | English              | Italian              | Familiar             |
| CZ031             | Country                         | 2410                   | 1820           | 00:16:11              | 21  | Female | Czech Republic | Czech    | Czech                  |                        | 12                     | 2.5                 | 0.25                 | German               | Other                |                      | Male                 | Czech                  | English              | Italian              | Familiar             |
| CZ032             | Experience                      | 2555                   | 2084           | 00:15:10              | 22  | Female | Czech Republic | Czech    | Czech                  |                        | 13                     | 3                   | 12                   | Spanish              | Italian              |                      | Male                 | Czech                  | English              | Italian              | Familiar             |
| CZ033             | Country                         | 2088                   | 1472           | 00:13:21              | 25  | Female | Czech Republic | Czech    | Czech                  |                        | 10                     | 5                   | 5                    | German               |                      |                      | Male                 | Czech                  | English              | Italian              | Familiar             |
| CZ034             | Country                         | 2467                   | 1827           | 00:17:01              | 24  | Female | Czech Republic | Czech    | Czech                  |                        | 10                     | 5                   | 10                   | German               |                      |                      | Male                 | Czech                  | English              | Italian              | Familiar             |
| CZ035             | Country                         | 2414                   | 1840           | 00:16:18              | 21  | Male   | Czech Republic | Czech    | Czech                  |                        | 8                      | 2                   | 0.75                 | French               | German               | Spanish              | Male                 | Czech                  | English              | Italian              | Familiar             |
| CZ036             | Film                            | 2729                   | 1880           | 00:17:48              | 23  | Female | Czech Republic | Czech    | Czech                  |                        | 10                     | 3                   | 0                    | French               | Other                | Other                | Male                 | Czech                  | English              | Italian              | Familiar             |
| CZ037             | Film                            | 2098                   | 1336           | 00:16:07              | 22  | Female | Czech Republic | Czech    | Czech                  |                        | 11                     | 2                   | 1                    | French               |                      |                      | Male                 | Czech                  | English              | Italian              | Familiar             |
| CZ038             | Country                         | 1998                   | 1436           | 00:12:08              | 23  | Female | Czech Republic | Czech    | Czech                  |                        | 10                     | 4                   | 28                   | German               | Spanish              |                      | Male                 | Czech                  | English              | Italian              | Familiar             |
| CZ039             | Film                            | 2796                   | 2117           | 00:15:59              | 22  | Female | Czech Republic | Czech    | Czech                  |                        | 10                     | 3                   | 1                    | Spanish              | Other                | German               | Male                 | Czech                  | English              | Italian              | Familiar             |
| CZ040             | Experience                      | 2162                   | 1655           | 00:14:49              | 25  | Female | Czech Republic | Czech    | Czech                  |                        | 9                      | 5                   | 0.5                  | Spanish              | German               |                      | Male                 | Czech                  | English              | Italian              | Familiar             |
| CZ041             | Film                            | 2176                   | 1525           | 00:16:14              | 25  | Female | Czech Republic | Czech    | Czech                  |                        | 10                     | 4                   | 4                    | German               |                      |                      | Male                 | Czech                  | English              | Italian              | Familiar             |
| CZ042             | Country                         | 1587                   | 920            | 00:11:20              | 21  | Female | Czech Republic | Czech    | Czech                  |                        | 11                     | 2                   | 1.75                 | German               |                      |                      | Male                 | Czech                  | English              | Italian              | Familiar             |
| CZ043             | Experience                      | 2120                   | 1452           | 00:14:38              | 22  | Female | Czech Republic | Czech    | Czech                  |                        | 10                     | 3                   | 12                   | French               | Spanish              |                      | Male                 | Czech                  | English              | Italian              | Familiar             |
| CZ044             | Film                            | 2524                   | 2190           | 00:13:56              | 24  | Male   | Czech Republic | Czech    | Czech                  |                        | 14                     | 3                   | 0                    | Spanish              |                      |                      | Male                 | Czech                  | English              | Italian              | Familiar             |
| CZ045             | Film                            | 2182                   | 1528           | 00:14:42              | 22  | Female | Czech Republic | Czech    | Czech                  |                        | 14                     | 3                   | 0                    | German               |                      |                      | Male                 | Czech                  | English              | Italian              | Familiar             |
| CZ046             | Country                         | 2316                   | 1666           | 00:15:17              | 22  | Female | Czech Republic | Czech    | Czech                  |                        | 11                     | 2.5                 | 0                    | French               |                      |                      | Male                 | Czech                  | English              | Italian              | Familiar             |

|       |         |      |      |          |    |        |                |       |       |  |    |   |      |         |           |       |        |         |         |         |                  |
|-------|---------|------|------|----------|----|--------|----------------|-------|-------|--|----|---|------|---------|-----------|-------|--------|---------|---------|---------|------------------|
| CZ047 | Film    | 1287 | 980  | 00:08:34 | 22 | Female | Czech Republic | Czech | Czech |  | 8  | 3 |      | French  |           |       | Female | English | Czech   | German  | Vaguely familiar |
| CZ048 | Film    | 3065 | 2362 | 00:17:11 | 21 | Female | Czech Republic | Czech | Czech |  | 11 | 3 | 0.75 | German  |           |       | Male   | Czech   | English | Italian | Familiar         |
| CZ049 | Country | 2754 | 2285 | 00:13:40 | 26 | Male   | Czech Republic | Czech | Czech |  | 9  | 5 | 24   | German  | Norwegian | Other | Male   | Czech   | English | Italian | Familiar         |
| CZ050 | Film    | 2572 | 2124 | 00:15:52 | 21 | Female | Czech Republic | Czech | Czech |  | 11 | 3 | 0.25 | Spanish |           |       | Male   | Czech   | English | Italian | Familiar         |

#### Notes

<sup>1</sup> speaker identification

<sup>2</sup> chosen topic for Task 1

<sup>3</sup> length of A and B turns in words

<sup>4</sup> duration in hh:mm:ss

<sup>5</sup> language usually spoken at home by the learner

<sup>6</sup> other language spoken at home by the learner

<sup>7</sup> number of years of English at school

<sup>8</sup> number of years of English at university

<sup>9</sup> number of months spent by the learner in an English-speaking country

<sup>10, 11, 12</sup> foreign languages spoken by the learner, apart from English, in decreasing order of proficiency

<sup>13</sup> level of interviewer's familiarity with the learner

### Appendix 3 – LINDSEI – description of tasks

#### Task 1

I'd like to interview you informally on things of interest in your life for fifteen minutes. To get the conversation started could you please choose one of the following topics and think about what you are going to say. You should aim to be able to talk for 3-5 minutes. The conversation will then continue informally.

**Topic 1:** An experience you have had which has taught you an important lesson. You should describe the experience and say what you have learnt from it.

**Topic 2:** A country you have visited which has impressed you. Describe your visit and say why you found the country particularly impressive.

**Topic 3:** A film/play you've seen which you thought was particularly good/bad. Describe the film/play and say why you thought it was good/bad.

Please don't take any notes as I would like it to be a spontaneous talk.

#### Task 2 – dialogue

#### Task 3

The four pictures below tell a story. Study the picture and then make up a story around them.



## Appendix 4 – LINDSEI – transcription guidelines

### 1. Interview identification

Each interview is preceded by a code of this type: `<h nt="FR" nr="FR+three-figure number">`

e.g. `<h nt="FR" nr="FR004">` (4th interview with French mother tongue student)

Examples of country codes:

|           |   |       |
|-----------|---|-------|
| DUTCH     | = | DU001 |
| GERMAN    | = | GE001 |
| NORWEGIAN | = | NO001 |
| SPANISH   | = | SP001 |
| SWEDISH   | = | SW001 |

All interviews should end with the following tag (on a separate line): `</h>`

### 2. Speaker turns

Speaker turns are displayed in vertical format, i.e. one below the other. Whilst the letter "A" enclosed between angle brackets always signifies the interviewer's turn, the letter "B" between angle brackets indicates the interviewee's (learner's) turn. The end of each turn is indicated by either `</A>` or `</B>`.

e.g. `<A> okay so which topic have you chosen </A>`  
`<B> the film or play that I thought was particularly good or bad really </B>`

### 3. Overlapping speech

The tag `<overlap />` (with a space between "overlap" and the slash) is used to indicate the beginning of overlapping speech. It should be indicated in both turns. The end of overlapping speech is not indicated.

e.g. `<B> yeah I went on a bus to London once and I'll never <overlap /> do it again </B>`  
`<A> <overlap /> that's even worse </A>`

### 4. Punctuation

No punctuation marks are used to indicate sentence or clause boundaries.

### 5. Empty pauses

Empty pauses are defined as a blank on the tape, i.e. no sound, or when someone is just breathing. The following three-tier system is used: one dot for a "short" pause (< 1 second), two dots for a "medium" pause (1-3 seconds) and three dots for "long" pauses (> 3 seconds).

e.g. `<B> (erm) .. it's a British film there aren't many of those these days </B>`

### 6. Filled pauses and backchannelling

Filled pauses and backchannelling are put between brackets and marked as (eh) [brief], (er), (em), (erm), (mm), (uhu) and (mhm). No other fillers should be used.

e.g. `<B> yeah . well Namur was warmer (er) it was (eh) a really little town </B>`

## 7. Unclear passages

A three-tier system is used to indicate the length of unclear passages: <X> represents an unclear syllable or sound up to one word, <XX> represents two unclear words, and <XXX> represents more than two words.

e.g. <B> <X> they're just begging <XX> there's there's honestly he did a course .. for a few weeks </B>

If transcribers are not entirely sure of a word or word ending, they should indicate this by having the word directly followed by the symbol <?>.

e.g. <B> I went to see a<?> friend at university there and stayed </B>

Unclear names of towns or titles of films for example may be indicated as <name of city> or <title of film>.

e.g. <B> where else did we go (er) <name of city> it's in Bolivia </B>

## 8. Anonymisation

Data should be anonymised (names of famous people like singers or actors can be kept). Transcribers can use tags like <first name of interviewee>, <first name and full name of interviewer> or <name of professor> to replace names.

e.g. <A> I'm <first name of interviewer> . what's your name </A>

## 9. Truncated words

Truncated words are immediately followed by an equals sign.

e.g. <B> it still resem= resembled the theatre </B>

## 10. Spelling and capitalisation

British spelling conventions should be followed. Capital letters are only kept when required by spelling conventions on certain specific words (proper names, I, Mrs, etc.) – not at the beginning of turns.

## 11. Contracted forms

All standard contracted forms are retained as they are typical features of speech.

## 12. Non-standard forms

Non-standard forms that appear in the dictionary are transcribed orthographically in their dictionary accepted way: *cos*, *dunno*, *gonna*, *gotta*, *kinda*, *wanna* and *yeah*.

## 13. Acronyms

If acronyms are pronounced as sequences of letters, they are transcribed as a series of upper-case letters separated by spaces.

e.g. <B> yes not really I did sort of basic G C S E French and German </B>

If, on the other hand, acronyms are pronounced as words, they are transcribed as a series of upper-case letters not separated by spaces.

e.g. <A> (mhm) (er) you're doing a MAELT </A>

## 14. Dates and numbers

Figures have to be written out in words. This avoids the ambiguity of, for example, "1901", which could be spoken in a number of different ways.

e.g. <B> an awful lot of people complain and say well the grants were two thousand two hundred </B>

## 15. Foreign words and pronunciation

Foreign words are indicated by <foreign> (before the word) and </foreign> (after the word).

e.g. <B> we couldn't go with (er) knives and so on <foreign> enfin </foreign> we were (er) </B>

As a rule, foreign pronunciation is not noted, except in the case where the foreign word and the English word are identical. If in this case the word is pronounced as a foreign word, this is also marked using the <foreign> tag.

e.g. <B> I didn't have the (erm) . <foreign> distinction </foreign> </B>

## 16. Phonetic features

### (a) Syllable lengthening

A colon is added at the end of a word to indicate that the last syllable is lengthened. It is typically used with small words like *to*, *so* or *or*. Colons should not be inserted within words.

e.g. <B> that's something I'll I'll plan to: to learn </B>

### (b) Articles

- when pronounced as [ei], the article *a* is transcribed as a[ei];

e.g. <B> and it's about (erm) . life in a[ei] (eh) public school in America I think </B>

- when pronounced as [i:], the article *the* is transcribed as the[i:].

e.g. <B> and the[i:] villa we were staying in was in one of the valleys </B>

## 17. Prosodic information: voice quality

If a particular stretch of text is said laughing or whispering for instance, this is marked by inserting <starts laughing> or <starts whispering> immediately before the specific stretch of speech and <stops laughing> or <stops whispering> at the end of it.

e.g. <B> <starts laughing> I don't have to assess it I only have to write it <stops laughing> </B>

## 18. Nonverbal vocal sounds

Nonverbal vocal sounds are enclosed between angle brackets.

e.g. <B> I hope so I've I've got some <coughs> friends out there </B>

e.g. <B> so I went back into Breda .. and sat down again <imitates the sound of a guitar> </B>

## 19. Contextual comments

Non-linguistic events are indicated between angle brackets only if they are deemed relevant to the interaction (if one of the participants reacts to it, for example).

e.g. <A> no it's true it's nice to have your own bathroom </A>

<somebody enters the room>

<B> hi </B>

## 20. Tasks

The three tasks making up the interview (set topic, free discussion and picture description) should be separated from each other. This is done using the following tags: <S> (before the set topic), </S> (after the set topic), <F> (before the free discussion), </F> (after the free discussion), <P> (before the picture description), </P> (after the picture description). These tags should occupy a separate line and should not interrupt a turn.

e.g. <S>  
<A> did you . manage to choose a topic </A>



## Appendix 5 – list of tags used for error-tagging LINDSEI\_CZ

|   |  |
|---|--|
| (FM) – morphology                           | (GEX) – existential construction               |
| (GDD) – demonstrative determiners           | (GPRO) – proform                               |
| (GDO) – possessive determiners              | (GWC) – word class                             |
| (GDI) – indefinite determiners              | (XNCO) – complementation – nouns               |
| (GDT) – other types of determiner           | (XVCO) – complementation – verbs               |
| (GA) – articles                             | (XADJCO) – complementation – adjectives        |
| (GNC) – noun case                           | (XNPR) – dependent prepositions – nouns        |
| (GNN) – noun number                         | (XVPR) – dependent prepositions – verbs        |
| (GPD) – demonstrative pronouns              | (XADJPR) – dependent prepositions – adjectives |
| (GPP) – personal pronouns                   | (XNUC) – nouns uncountable/countable           |
| (GPO) – possessive pronouns                 |  |
| (GPI) – indefinite pronouns                 | (LS) – lexical single                          |
| (GPR) – relative and interrogative pronouns | (LSF) – false friends                          |
| (GADJN) – adjective number                  | (LSP) – lexical single preposition             |
| (GADJCS) – comparative / superlative        | (LP) – lexical phrase                          |
| (GADV) – adverbs                            | (LPF) – lexical phrase, false friends          |
| (GADVO) – adverb order                      | (LCLC) – complex logical connectors            |
| (GADVI) – adverb intensifier                | (LCS) – subordinating conjunctions             |
| (GVN) – verb number                         |  |
| (GVM) – verb morphology                     | (WRS) – word redundant single                  |
| (GVMC) – verb morphology in the conditional | (WM) – word missing                            |
| (GVV) – verb voice                          | (WO) – word order                              |
| (GVT) – verb tense                          |  |
| (GVTA) – verb tense agreement               |  |
| (GVAUX) – auxiliaries                       | (Z) – infelicities                             |
| (GVAUXC) – auxiliaries in the conditional   |  |
| (GNUM) – numerals                           | (DTG) – double tag                             |



**Appendix 6 – Error counts in Task 1 (continued)**

| GEX | GPRO | XADJCO | XADJPR | XNCO | XNPR | XVCO | XVPR | XNUC | LS | LSF | LSP | LP | LPF | LCS | LCLC | WM | WO | WRM | WRS | Z  | Total |    |
|-----|------|--------|--------|------|------|------|------|------|----|-----|-----|----|-----|-----|------|----|----|-----|-----|----|-------|----|
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 1  | 0   | 0   | 0  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 8  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 1  | 0   | 0   | 1  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 1     | 7  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 1  | 0   | 0   | 2  | 0   | 1   | 0    | 0  | 2  | 0   | 0   | 0  | 0     | 16 |
| 0   | 0    | 0      | 1      | 0    | 0    | 0    | 1    | 0    | 7  | 0   | 1   | 2  | 0   | 0   | 0    | 0  | 1  | 0   | 0   | 1  | 0     | 36 |
| 0   | 0    | 0      | 0      | 0    | 0    | 1    | 0    | 0    | 1  | 0   | 1   | 1  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 12 |
| 0   | 0    | 0      | 0      | 0    | 0    | 1    | 0    | 0    | 6  | 0   | 1   | 4  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 22 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 2  | 0   | 0   | 0  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 6  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 1  | 0   | 0   | 0  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 1     | 5  |
| 0   | 1    | 0      | 0      | 0    | 1    | 0    | 0    | 0    | 3  | 0   | 0   | 4  | 0   | 0   | 0    | 0  | 1  | 0   | 1   | 1  | 1     | 31 |
| 0   | 0    | 0      | 0      | 0    | 1    | 2    | 0    | 0    | 0  | 0   | 0   | 0  | 0   | 0   | 0    | 0  | 1  | 0   | 0   | 0  | 0     | 8  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 1   | 0  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 1     | 9  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 1   | 0  | 0   | 0   | 0    | 1  | 2  | 0   | 0   | 0  | 0     | 9  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 2   | 2  | 0   | 1   | 0    | 0  | 0  | 0   | 0   | 0  | 2     | 15 |
| 0   | 0    | 1      | 0      | 0    | 0    | 1    | 1    | 0    | 1  | 0   | 0   | 0  | 0   | 0   | 0    | 1  | 1  | 0   | 0   | 0  | 0     | 19 |
| 0   | 0    | 0      | 1      | 0    | 0    | 0    | 0    | 0    | 3  | 0   | 0   | 1  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 10 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0  | 1   | 0   | 0  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 1  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 3  | 1   | 2   | 6  | 0   | 0   | 1    | 1  | 2  | 0   | 2   | 2  | 2     | 41 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 1    | 5  | 0   | 0   | 3  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 3     | 23 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 0   | 1  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 6  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 0   | 0  | 0   | 0   | 0    | 0  | 3  | 0   | 0   | 0  | 0     | 8  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 1   | 0  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 2  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 0   | 0  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 6  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 1    | 0    | 0  | 0   | 0   | 0  | 0   | 0   | 0    | 1  | 0  | 0   | 0   | 0  | 0     | 2  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 4  | 0   | 1   | 1  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 16 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 4  | 5   | 0   | 7  | 0   | 0   | 0    | 1  | 0  | 0   | 0   | 0  | 0     | 29 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 4  | 0   | 0   | 1  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 6  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 1  | 1   | 1   | 1  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 12 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 1    | 0    | 2  | 0   | 0   | 2  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 11 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 0   | 1  | 0   | 0   | 0    | 0  | 1  | 0   | 0   | 0  | 0     | 7  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 1  | 0   | 2   | 1  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 9  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 1  | 0   | 0   | 1  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 2  |
| 0   | 0    | 0      | 1      | 0    | 0    | 1    | 0    | 0    | 1  | 0   | 0   | 0  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 10 |
| 0   | 0    | 2      | 0      | 0    | 0    | 1    | 0    | 0    | 0  | 0   | 0   | 1  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 12 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 0   | 0  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 0  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 2   | 0  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 4  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 0   | 0  | 0   | 0   | 0    | 0  | 2  | 0   | 0   | 0  | 0     | 5  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 5  | 0   | 1   | 2  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 8  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 0   | 0  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 5  |
| 1   | 0    | 0      | 0      | 1    | 0    | 0    | 0    | 0    | 2  | 0   | 0   | 0  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 13 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 0   | 0  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 2  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 1  | 0   | 0   | 0  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 10 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 0   | 0  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 0  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 0   | 0  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 1  | 0     | 5  |
| 0   | 0    | 0      | 0      | 0    | 1    | 1    | 0    | 0    | 0  | 0   | 0   | 0  | 0   | 1   | 0    | 0  | 0  | 0   | 0   | 0  | 1     | 13 |
| 0   | 1    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 0   | 0  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 14 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 0   | 0  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 5  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 3   | 0  | 0   | 0   | 0    | 0  | 1  | 0   | 0   | 0  | 0     | 7  |
| 0   | 0    | 0      | 1      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 2   | 0  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 5  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 1   | 3  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 19 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 1  | 0   | 0   | 1  | 0   | 0   | 0    | 0  | 0  | 0   | 0   | 0  | 0     | 6  |
| 1   | 2    | 3      | 4      | 1    | 3    | 8    | 4    | 1    | 62 | 8   | 23  | 49 | 0   | 3   | 1    | 5  | 17 | 0   | 4   | 13 | 537   |    |



**Appendix 7 – Error counts in Task 2 (continued)**

| GEX | GPRO | XADJCO | XADJPR | XNCO | XNPR | XVCO | XVPR | XNUC | LS | LSF | LSP | LP | LPF | LCS | LCLC | W/M | WO | WRM | WRS | Z  | Total |    |
|-----|------|--------|--------|------|------|------|------|------|----|-----|-----|----|-----|-----|------|-----|----|-----|-----|----|-------|----|
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 0   | 0  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 1     | 7  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 1  | 0   | 0   | 0  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 4  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 1  | 1   | 0   | 1  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 4  |
| 0   | 0    | 0      | 0      | 0    | 0    | 2    | 1    | 0    | 1  | 5   | 2   | 1  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 21 |
| 0   | 0    | 0      | 0      | 0    | 1    | 1    | 0    | 0    | 0  | 0   | 3   | 2  | 0   | 0   | 0    | 0   | 1  | 0   | 0   | 0  | 0     | 16 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 1    | 0    | 1  | 0   | 0   | 1  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 2     | 19 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 2  | 0   | 2   | 0  | 1   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 13 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 1    | 0    | 0  | 0   | 1   | 0  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 3  |
| 0   | 0    | 0      | 0      | 0    | 1    | 0    | 0    | 0    | 0  | 0   | 0   | 1  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 8  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 1    | 0    | 0  | 0   | 0   | 0  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 7  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 1    | 0    | 2  | 0   | 1   | 1  | 0   | 1   | 0    | 0   | 0  | 0   | 0   | 0  | 2     | 13 |
| 0   | 0    | 0      | 0      | 0    | 0    | 1    | 0    | 0    | 0  | 0   | 0   | 0  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 2  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 0   | 1  | 0   | 0   | 0    | 1   | 0  | 0   | 0   | 0  | 1     | 12 |
| 0   | 0    | 1      | 0      | 0    | 1    | 0    | 0    | 0    | 2  | 3   | 0   | 1  | 1   | 0   | 0    | 1   | 0  | 0   | 0   | 0  | 0     | 13 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 1  | 0   | 1   | 2  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 1  | 6     | 6  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 0   | 0  | 0   | 0   | 0    | 1   | 0  | 0   | 0   | 0  | 0     | 2  |
| 0   | 0    | 0      | 0      | 0    | 1    | 0    | 0    | 0    | 2  | 0   | 2   | 3  | 3   | 1   | 0    | 0   | 4  | 0   | 0   | 1  | 36    | 36 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 2  | 0   | 1   | 2  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 1  | 14    | 14 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 1   | 0  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 7  |
| 1   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 0   | 0  | 0   | 1   | 0    | 1   | 1  | 0   | 0   | 0  | 5     | 5  |
| 0   | 0    | 0      | 0      | 1    | 0    | 1    | 0    | 0    | 0  | 0   | 0   | 0  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 6  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 1  | 1   | 1   | 0  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 5  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 1  | 0   | 0   | 0  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 1  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 2  | 0   | 1   | 2  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 14 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 1    | 0    | 2  | 0   | 0   | 0  | 0   | 0   | 0    | 0   | 1  | 0   | 0   | 0  | 0     | 13 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 1  | 0   | 0   | 0  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 3  |
| 0   | 0    | 0      | 2      | 0    | 0    | 0    | 0    | 0    | 1  | 0   | 1   | 0  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 11 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 0   | 0  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 7  |
| 0   | 0    | 1      | 0      | 0    | 0    | 0    | 0    | 0    | 1  | 0   | 1   | 2  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 7  |
| 0   | 0    | 0      | 1      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 3   | 2  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 8  |
| 0   | 1    | 0      | 0      | 1    | 0    | 1    | 1    | 0    | 11 | 0   | 7   | 9  | 0   | 1   | 0    | 0   | 1  | 0   | 0   | 0  | 49    | 49 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 2    | 0    | 0  | 0   | 1   | 2  | 0   | 1   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 16 |
| 0   | 0    | 0      | 0      | 0    | 1    | 0    | 0    | 0    | 1  | 2   | 0   | 0  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 16 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 1  | 0   | 1   | 2  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 13 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 1    | 0    | 1  | 0   | 1   | 5  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 10 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 1    | 0    | 4  | 0   | 0   | 0  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 13 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 1  | 0   | 1   | 2  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 1     | 9  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 1  | 0   | 0   | 0  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 4  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 1  | 0   | 2   | 2  | 0   | 0   | 0    | 1   | 0  | 0   | 0   | 0  | 0     | 20 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0  | 1   | 0   | 2  | 0   | 0   | 0    | 0   | 1  | 0   | 0   | 1  | 13    | 13 |
| 0   | 1    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 1  | 1   | 2   | 0  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 7  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 2  | 0   | 1   | 0  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 4  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 1    | 0    | 0  | 0   | 3   | 1  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 12 |
| 0   | 0    | 0      | 1      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 0   | 0  | 0   | 0   | 0    | 0   | 3  | 0   | 0   | 0  | 0     | 11 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0  | 0   | 4   | 1  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 14 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 1  | 0   | 0   | 0  | 0   | 0   | 0    | 0   | 1  | 0   | 0   | 0  | 0     | 11 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 1  | 0   | 0   | 0  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 4  |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 2  | 0   | 2   | 0  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 15 |
| 0   | 0    | 0      | 1      | 0    | 2    | 0    | 0    | 0    | 12 | 0   | 1   | 3  | 1   | 0   | 1    | 0   | 0  | 0   | 0   | 0  | 0     | 52 |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 1  | 1   | 1   | 4  | 0   | 0   | 0    | 0   | 0  | 0   | 0   | 0  | 0     | 8  |
| 1   | 2    | 2      | 5      | 2    | 7    | 6    | 12   | 0    | 65 | 15  | 48  | 55 | 6   | 5   | 1    | 5   | 13 | 0   | 0   | 11 | 588   |    |



**Appendix 8 – Error counts in Task 3 (continued)**

| GEX      | GPRO     | XADJCO   | XADJPR   | XNCO     | XNPR     | XVCO     | XVPR     | XNUC     | LS        | LSF      | LSP       | LP        | LPF      | LCS      | LCLC     | W/M      | WO       | WRM      | WRS      | Z        | Total      |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|------------|
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2        | 0        | 0         | 0        | 0         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 4          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 1         | 2         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 5          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 1         | 0        | 1         | 2         | 0        | 1        | 0        | 0        | 1        | 0        | 0        | 0        | 11         |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 3         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 5          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1          |
| 0        | 0        | 0        | 0        | 0        | 0        | 1        | 1        | 0        | 1         | 0        | 1         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 4          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1         | 0        | 0         | 3         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 5          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 2         | 0         | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 3          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 1         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2         | 0        | 1         | 0         | 0        | 1        | 0        | 1        | 0        | 0        | 0        | 0        | 8          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1          |
| 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 2         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 5          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 1         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 2         | 0        | 4         | 2         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2        | 12         |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 1         | 3         | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 1        | 9          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 4         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 7          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 4         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 4          |
| 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 2          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2         | 0        | 3         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2        | 8          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 1         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 4         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 4          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1         | 0        | 1         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 3         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 7          |
| 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 1         | 0        | 4         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 11         |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 1         | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 4          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 2         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1         | 0        | 1         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 4          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 1         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 3         | 0         | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 6          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2        | 0        | 3         | 0        | 1         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 10         |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0         | 0        | 0         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3          |
| 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0         | 0        | 2         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 4          |
| <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>1</b> | <b>3</b> | <b>8</b> | <b>1</b> | <b>17</b> | <b>2</b> | <b>50</b> | <b>21</b> | <b>0</b> | <b>3</b> | <b>0</b> | <b>1</b> | <b>5</b> | <b>1</b> | <b>0</b> | <b>6</b> | <b>174</b> |





**Appendix 9 – Error counts in Tasks 1–3 (continued)**

| GEX | GPRO | XADJCO | XADJPR | XNCO | XNPR | XVCO | XVPR | XNUC | LS  | LSF | LSP | LP  | LPF | LCS | LCIC | WM | W/O | WRM | WRS | Z  | Total |
|-----|------|--------|--------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|------|----|-----|-----|-----|----|-------|
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 2    | 0    | 1   | 0   | 0   | 1   | 0   | 0   | 0    | 0  | 0   | 0   | 0   | 1  | 19    |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 2   | 0   | 0   | 1   | 0   | 0   | 0    | 0  | 0   | 0   | 0   | 1  | 11    |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 2   | 1   | 1   | 5   | 0   | 1   | 0    | 0  | 2   | 0   | 0   | 0  | 25    |
| 0   | 0    | 0      | 1      | 0    | 0    | 2    | 3    | 0    | 9   | 5   | 4   | 5   | 0   | 1   | 0    | 0  | 2   | 0   | 0   | 1  | 68    |
| 0   | 0    | 0      | 0      | 0    | 1    | 2    | 0    | 0    | 1   | 0   | 7   | 4   | 0   | 0   | 0    | 0  | 1   | 0   | 0   | 0  | 33    |
| 0   | 0    | 0      | 0      | 0    | 0    | 1    | 1    | 0    | 7   | 0   | 1   | 6   | 0   | 0   | 0    | 0  | 0   | 0   | 0   | 2  | 42    |
| 0   | 0    | 0      | 0      | 0    | 0    | 1    | 1    | 0    | 5   | 0   | 3   | 0   | 1   | 0   | 0    | 0  | 0   | 0   | 0   | 0  | 23    |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 1    | 0    | 1   | 0   | 1   | 0   | 0   | 0   | 0    | 0  | 0   | 0   | 0   | 1  | 8     |
| 0   | 1    | 0      | 0      | 0    | 2    | 0    | 0    | 0    | 4   | 0   | 0   | 8   | 0   | 0   | 0    | 0  | 1   | 0   | 1   | 1  | 44    |
| 0   | 0    | 0      | 0      | 0    | 1    | 2    | 1    | 0    | 0   | 0   | 2   | 0   | 0   | 0   | 0    | 0  | 2   | 0   | 0   | 0  | 18    |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 1    | 0    | 2   | 0   | 3   | 1   | 0   | 1   | 0    | 0  | 0   | 0   | 0   | 3  | 23    |
| 0   | 0    | 0      | 0      | 0    | 0    | 1    | 0    | 0    | 0   | 0   | 1   | 0   | 0   | 0   | 0    | 1  | 2   | 0   | 0   | 0  | 11    |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 2   | 0   | 3   | 3   | 0   | 2   | 0    | 2  | 0   | 0   | 0   | 3  | 35    |
| 0   | 0    | 2      | 0      | 0    | 1    | 1    | 1    | 0    | 3   | 4   | 0   | 1   | 1   | 0   | 0    | 2  | 1   | 0   | 0   | 0  | 33    |
| 0   | 0    | 0      | 1      | 0    | 0    | 1    | 0    | 0    | 6   | 0   | 1   | 3   | 0   | 0   | 0    | 0  | 1   | 0   | 0   | 1  | 21    |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0   | 1   | 1   | 0   | 0   | 0   | 0    | 1  | 0   | 0   | 0   | 0  | 5     |
| 0   | 0    | 0      | 0      | 0    | 1    | 0    | 1    | 0    | 7   | 1   | 8   | 11  | 3   | 1   | 1    | 1  | 6   | 0   | 2   | 5  | 89    |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 1    | 7   | 0   | 2   | 8   | 0   | 0   | 0    | 0  | 0   | 1   | 0   | 5  | 46    |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0   | 0   | 1   | 1   | 0   | 0   | 0    | 0  | 0   | 0   | 0   | 0  | 13    |
| 1   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0   | 0   | 4   | 1   | 0   | 1   | 0    | 1  | 4   | 0   | 0   | 0  | 20    |
| 0   | 0    | 0      | 0      | 1    | 0    | 1    | 0    | 0    | 0   | 0   | 1   | 0   | 0   | 0   | 0    | 0  | 0   | 0   | 0   | 0  | 8     |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 1   | 1   | 5   | 0   | 0   | 0   | 0    | 0  | 0   | 0   | 0   | 0  | 15    |
| 0   | 0    | 0      | 0      | 0    | 0    | 1    | 1    | 0    | 1   | 0   | 0   | 0   | 0   | 0   | 0    | 1  | 1   | 0   | 0   | 0  | 5     |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 8   | 0   | 5   | 4   | 0   | 0   | 0    | 0  | 0   | 0   | 0   | 2  | 38    |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 1    | 0    | 6   | 5   | 1   | 7   | 0   | 0   | 0    | 1  | 1   | 0   | 0   | 0  | 44    |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 5   | 0   | 4   | 1   | 0   | 0   | 0    | 0  | 0   | 0   | 0   | 0  | 13    |
| 0   | 0    | 0      | 2      | 0    | 0    | 0    | 0    | 0    | 2   | 1   | 2   | 1   | 0   | 0   | 0    | 0  | 0   | 0   | 0   | 0  | 23    |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 1    | 0    | 3   | 0   | 1   | 2   | 0   | 0   | 0    | 0  | 0   | 0   | 0   | 0  | 21    |
| 0   | 0    | 1      | 0      | 0    | 0    | 0    | 0    | 0    | 1   | 1   | 1   | 3   | 0   | 0   | 0    | 0  | 1   | 0   | 0   | 0  | 17    |
| 0   | 0    | 0      | 1      | 0    | 0    | 0    | 0    | 0    | 1   | 0   | 5   | 3   | 0   | 0   | 0    | 0  | 0   | 0   | 0   | 0  | 17    |
| 0   | 1    | 0      | 0      | 1    | 0    | 1    | 1    | 0    | 12  | 0   | 10  | 10  | 0   | 1   | 0    | 0  | 1   | 0   | 0   | 0  | 54    |
| 0   | 0    | 0      | 1      | 0    | 0    | 1    | 2    | 0    | 1   | 0   | 1   | 2   | 0   | 1   | 0    | 0  | 0   | 0   | 0   | 0  | 33    |
| 0   | 0    | 2      | 0      | 0    | 2    | 1    | 0    | 0    | 2   | 2   | 4   | 1   | 0   | 0   | 0    | 0  | 0   | 0   | 0   | 0  | 39    |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 1   | 0   | 1   | 2   | 0   | 0   | 0    | 0  | 0   | 0   | 0   | 0  | 14    |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 1    | 0    | 1   | 0   | 3   | 5   | 0   | 0   | 0    | 0  | 0   | 0   | 0   | 0  | 14    |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 1    | 0    | 4   | 0   | 0   | 0   | 0   | 0   | 0    | 0  | 2   | 0   | 0   | 0  | 19    |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 6   | 0   | 2   | 5   | 0   | 1   | 0    | 0  | 0   | 0   | 0   | 1  | 21    |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 1   | 0   | 2   | 0   | 0   | 0   | 0    | 0  | 0   | 0   | 0   | 0  | 11    |
| 1   | 0    | 0      | 0      | 1    | 0    | 0    | 0    | 0    | 3   | 0   | 2   | 2   | 0   | 0   | 0    | 1  | 0   | 0   | 0   | 0  | 36    |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0   | 1   | 0   | 2   | 0   | 0   | 0    | 0  | 1   | 0   | 0   | 1  | 16    |
| 0   | 1    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 3   | 1   | 3   | 1   | 0   | 0   | 0    | 0  | 0   | 0   | 0   | 0  | 21    |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 2   | 0   | 1   | 0   | 0   | 0   | 0    | 0  | 0   | 0   | 0   | 0  | 6     |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 1    | 0    | 0   | 0   | 4   | 2   | 0   | 0   | 0    | 0  | 0   | 0   | 1   | 0  | 20    |
| 0   | 0    | 0      | 1      | 0    | 1    | 1    | 0    | 0    | 0   | 0   | 3   | 0   | 0   | 1   | 0    | 0  | 4   | 0   | 0   | 1  | 30    |
| 0   | 1    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 0   | 0   | 4   | 1   | 0   | 0   | 0    | 0  | 0   | 0   | 0   | 0  | 28    |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 0    | 0    | 1   | 0   | 0   | 0   | 0   | 0   | 0    | 0  | 1   | 0   | 0   | 0  | 16    |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 2    | 0    | 4   | 0   | 4   | 0   | 0   | 0   | 0    | 0  | 1   | 0   | 0   | 1  | 21    |
| 0   | 0    | 0      | 1      | 0    | 0    | 0    | 0    | 0    | 2   | 0   | 4   | 0   | 0   | 0   | 0    | 0  | 0   | 0   | 0   | 0  | 20    |
| 0   | 0    | 0      | 1      | 0    | 2    | 0    | 0    | 1    | 12  | 0   | 2   | 7   | 1   | 0   | 1    | 0  | 0   | 0   | 0   | 0  | 74    |
| 0   | 0    | 0      | 0      | 0    | 0    | 0    | 1    | 0    | 2   | 1   | 3   | 5   | 0   | 0   | 0    | 0  | 0   | 0   | 0   | 0  | 18    |
| 2   | 4    | 5      | 9      | 3    | 11   | 17   | 24   | 2    | 144 | 25  | 121 | 125 | 6   | 11  | 2    | 11 | 35  | 1   | 4   | 30 | 1299  |

**Appendix 10 – Error types in tasks**

|              | Task 1   |            |           |            |           |           | Task 2   |            |           |            |           |           | Task 3   |           |           |           |          |          | Tasks 1–3 |            |           |            |           |           |
|--------------|----------|------------|-----------|------------|-----------|-----------|----------|------------|-----------|------------|-----------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|------------|-----------|------------|-----------|-----------|
|              | F*       | G*         | X*        | L*         | W*        | Z         | F*       | G*         | X*        | L*         | W*        | Z         | F*       | G*        | X*        | L*        | W*       | Z        | F*        | G*         | X*        | L*         | W*        | Z         |
| CZ001        | 0        | 7          | 0         | 1          | 0         | 0         | 0        | 6          | 0         | 0          | 0         | 1         | 0        | 1         | 2         | 1         | 0        | 0        | 0         | 14         | 2         | 2          | 0         | 1         |
| CZ002        | 0        | 4          | 0         | 2          | 0         | 1         | 0        | 3          | 0         | 1          | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 7          | 0         | 3          | 0         | 1         |
| CZ003        | 0        | 10         | 0         | 4          | 2         | 0         | 0        | 1          | 0         | 3          | 0         | 0         | 0        | 2         | 0         | 3         | 0        | 0        | 0         | 13         | 0         | 10         | 2         | 0         |
| CZ004        | 0        | 22         | 2         | 10         | 1         | 1         | 0        | 9          | 3         | 9          | 0         | 0         | 0        | 4         | 1         | 5         | 1        | 0        | 0         | 35         | 6         | 24         | 2         | 1         |
| CZ005        | 0        | 8          | 1         | 3          | 0         | 0         | 0        | 8          | 2         | 5          | 1         | 0         | 0        | 1         | 0         | 4         | 0        | 0        | 0         | 17         | 3         | 12         | 1         | 0         |
| CZ006        | 0        | 10         | 1         | 11         | 0         | 0         | 0        | 14         | 1         | 2          | 0         | 2         | 0        | 0         | 0         | 1         | 0        | 0        | 0         | 24         | 2         | 14         | 0         | 2         |
| CZ007        | 0        | 4          | 0         | 2          | 0         | 0         | 0        | 8          | 0         | 5          | 0         | 0         | 0        | 0         | 2         | 2         | 0        | 0        | 0         | 12         | 2         | 9          | 0         | 0         |
| CZ008        | 0        | 3          | 0         | 1          | 0         | 1         | 0        | 1          | 1         | 1          | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 4          | 1         | 2          | 0         | 1         |
| CZ009        | 0        | 20         | 1         | 7          | 2         | 1         | 0        | 6          | 1         | 1          | 0         | 0         | 0        | 1         | 0         | 4         | 0        | 0        | 0         | 27         | 2         | 12         | 2         | 1         |
| CZ010        | 0        | 4          | 3         | 0          | 1         | 0         | 0        | 6          | 1         | 0          | 0         | 0         | 0        | 0         | 0         | 2         | 1        | 0        | 0         | 10         | 4         | 2          | 2         | 0         |
| CZ011        | 0        | 7          | 0         | 1          | 0         | 1         | 0        | 5          | 1         | 5          | 0         | 2         | 0        | 0         | 0         | 1         | 0        | 0        | 0         | 12         | 1         | 7          | 0         | 3         |
| CZ012        | 0        | 5          | 0         | 1          | 3         | 0         | 0        | 1          | 1         | 0          | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 6          | 1         | 1          | 3         | 0         |
| CZ013        | 0        | 8          | 0         | 5          | 0         | 2         | 0        | 9          | 0         | 1          | 1         | 1         | 0        | 3         | 0         | 4         | 1        | 0        | 0         | 20         | 0         | 10         | 2         | 3         |
| CZ014        | 0        | 13         | 3         | 1          | 2         | 0         | 0        | 3          | 2         | 7          | 1         | 0         | 0        | 0         | 0         | 1         | 0        | 0        | 0         | 16         | 5         | 9          | 3         | 0         |
| CZ015        | 0        | 5          | 1         | 4          | 0         | 0         | 0        | 1          | 0         | 4          | 0         | 1         | 0        | 1         | 1         | 2         | 1        | 0        | 0         | 7          | 2         | 10         | 1         | 1         |
| CZ016        | 0        | 0          | 0         | 1          | 0         | 0         | 0        | 1          | 0         | 0          | 1         | 0         | 0        | 1         | 0         | 1         | 0        | 0        | 0         | 2          | 0         | 2          | 1         | 0         |
| CZ017        | 0        | 21         | 0         | 13         | 5         | 2         | 0        | 19         | 1         | 11         | 4         | 1         | 0        | 1         | 1         | 8         | 0        | 2        | 0         | 41         | 2         | 32         | 9         | 5         |
| CZ018        | 0        | 11         | 1         | 8          | 0         | 3         | 0        | 8          | 0         | 5          | 0         | 1         | 0        | 3         | 0         | 4         | 1        | 1        | 0         | 22         | 1         | 17         | 1         | 5         |
| CZ019        | 0        | 5          | 0         | 1          | 0         | 0         | 0        | 6          | 0         | 1          | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 11         | 0         | 2          | 0         | 0         |
| CZ020        | 0        | 5          | 0         | 0          | 3         | 0         | 0        | 2          | 0         | 1          | 2         | 0         | 0        | 2         | 0         | 5         | 0        | 0        | 0         | 9          | 0         | 6          | 5         | 0         |
| CZ021        | 0        | 1          | 0         | 1          | 0         | 0         | 0        | 4          | 2         | 0          | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 5          | 2         | 1          | 0         | 0         |
| CZ022        | 0        | 6          | 0         | 0          | 0         | 0         | 0        | 2          | 0         | 3          | 0         | 0         | 0        | 0         | 0         | 4         | 0        | 0        | 0         | 8          | 0         | 7          | 0         | 0         |
| CZ023        | 0        | 0          | 1         | 0          | 1         | 0         | 0        | 0          | 0         | 1          | 0         | 0         | 0        | 0         | 1         | 0         | 1        | 0        | 0         | 0          | 2         | 1          | 2         | 0         |
| CZ024        | 0        | 10         | 0         | 6          | 0         | 0         | 0        | 9          | 0         | 5          | 0         | 0         | 0        | 0         | 0         | 6         | 0        | 2        | 0         | 19         | 0         | 17         | 0         | 2         |
| CZ025        | 0        | 12         | 0         | 16         | 1         | 0         | 0        | 9          | 1         | 2          | 1         | 0         | 0        | 1         | 0         | 1         | 0        | 0        | 0         | 22         | 1         | 19         | 2         | 0         |
| CZ026        | 0        | 1          | 0         | 5          | 0         | 0         | 0        | 2          | 0         | 1          | 0         | 0         | 0        | 0         | 0         | 4         | 0        | 0        | 0         | 3          | 0         | 10         | 0         | 0         |
| CZ027        | 0        | 8          | 0         | 4          | 0         | 0         | 0        | 7          | 2         | 2          | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 15         | 2         | 6          | 0         | 0         |
| CZ028        | 0        | 6          | 1         | 4          | 0         | 0         | 0        | 7          | 0         | 0          | 0         | 0         | 0        | 1         | 0         | 2         | 0        | 0        | 0         | 14         | 1         | 6          | 0         | 0         |
| CZ029        | 0        | 5          | 0         | 1          | 1         | 0         | 0        | 2          | 1         | 4          | 0         | 0         | 0        | 2         | 0         | 1         | 0        | 0        | 0         | 9          | 1         | 6          | 1         | 0         |
| CZ030        | 0        | 5          | 0         | 4          | 0         | 0         | 0        | 2          | 1         | 5          | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 7          | 1         | 9          | 0         | 0         |
| CZ031        | 0        | 0          | 0         | 2          | 0         | 0         | 0        | 17         | 3         | 28         | 1         | 0         | 0        | 0         | 0         | 3         | 0        | 0        | 0         | 17         | 3         | 33         | 1         | 0         |
| CZ032        | 0        | 7          | 2         | 1          | 0         | 0         | 0        | 10         | 2         | 4          | 0         | 0         | 0        | 7         | 0         | 0         | 0        | 0        | 0         | 24         | 4         | 5          | 0         | 0         |
| CZ033        | 0        | 8          | 3         | 1          | 0         | 0         | 0        | 12         | 1         | 3          | 0         | 0         | 0        | 5         | 1         | 5         | 0        | 0        | 0         | 25         | 5         | 9          | 0         | 0         |
| CZ034        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 9          | 0         | 4          | 0         | 0         | 0        | 1         | 0         | 0         | 0        | 0        | 0         | 10         | 0         | 4          | 0         | 0         |
| CZ035        | 0        | 2          | 0         | 2          | 0         | 0         | 0        | 2          | 1         | 7          | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 4          | 1         | 9          | 0         | 0         |
| CZ036        | 0        | 3          | 0         | 0          | 2         | 0         | 0        | 8          | 1         | 4          | 0         | 0         | 0        | 1         | 0         | 0         | 0        | 0        | 0         | 12         | 1         | 4          | 2         | 0         |
| CZ037        | 0        | 0          | 0         | 8          | 0         | 0         | 0        | 4          | 0         | 4          | 0         | 1         | 0        | 2         | 0         | 2         | 0        | 0        | 0         | 6          | 0         | 14         | 0         | 1         |
| CZ038        | 0        | 5          | 0         | 0          | 0         | 0         | 0        | 3          | 0         | 1          | 0         | 0         | 0        | 0         | 0         | 2         | 0        | 0        | 0         | 8          | 0         | 3          | 0         | 0         |
| CZ039        | 0        | 10         | 1         | 2          | 0         | 0         | 2        | 12         | 0         | 5          | 1         | 0         | 0        | 3         | 0         | 0         | 0        | 0        | 2         | 25         | 1         | 7          | 1         | 0         |
| CZ040        | 0        | 2          | 0         | 0          | 0         | 0         | 1        | 7          | 0         | 3          | 1         | 1         | 0        | 1         | 0         | 0         | 0        | 0        | 1         | 10         | 0         | 3          | 1         | 1         |
| CZ041        | 0        | 9          | 0         | 1          | 0         | 0         | 0        | 3          | 0         | 4          | 0         | 0         | 0        | 1         | 0         | 3         | 0        | 0        | 0         | 13         | 0         | 8          | 0         | 0         |
| CZ042        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 1          | 0         | 3          | 0         | 0         | 0        | 2         | 0         | 0         | 0        | 0        | 0         | 3          | 0         | 3          | 0         | 0         |
| CZ043        | 0        | 4          | 0         | 0          | 1         | 0         | 0        | 7          | 1         | 4          | 0         | 0         | 0        | 1         | 0         | 2         | 0        | 0        | 0         | 12         | 1         | 6          | 1         | 0         |
| CZ044        | 0        | 9          | 2         | 1          | 0         | 1         | 0        | 7          | 1         | 0          | 3         | 0         | 0        | 2         | 0         | 3         | 1        | 0        | 0         | 18         | 3         | 4          | 4         | 1         |
| CZ045        | 0        | 14         | 0         | 0          | 0         | 0         | 0        | 9          | 0         | 5          | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 23         | 0         | 5          | 0         | 0         |
| CZ046        | 0        | 5          | 0         | 0          | 0         | 0         | 0        | 9          | 0         | 1          | 1         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 14         | 0         | 1          | 1         | 0         |
| CZ047        | 0        | 3          | 0         | 3          | 1         | 0         | 0        | 3          | 0         | 1          | 0         | 0         | 0        | 3         | 2         | 4         | 0        | 1        | 0         | 9          | 2         | 8          | 1         | 1         |
| CZ048        | 0        | 2          | 1         | 2          | 0         | 0         | 0        | 11         | 0         | 4          | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 13         | 1         | 6          | 0         | 0         |
| CZ049        | 0        | 15         | 0         | 4          | 0         | 0         | 0        | 31         | 3         | 18         | 0         | 0         | 0        | 1         | 1         | 1         | 0        | 0        | 0         | 47         | 4         | 23         | 0         | 0         |
| CZ050        | 0        | 4          | 0         | 2          | 0         | 0         | 0        | 1          | 0         | 7          | 0         | 0         | 0        | 1         | 1         | 2         | 0        | 0        | 0         | 6          | 1         | 11         | 0         | 0         |
| <b>Total</b> | <b>0</b> | <b>328</b> | <b>24</b> | <b>146</b> | <b>26</b> | <b>13</b> | <b>3</b> | <b>327</b> | <b>34</b> | <b>195</b> | <b>18</b> | <b>11</b> | <b>0</b> | <b>55</b> | <b>13</b> | <b>93</b> | <b>7</b> | <b>6</b> | <b>3</b>  | <b>710</b> | <b>71</b> | <b>434</b> | <b>51</b> | <b>30</b> |

## Appendix 11 – Error rates in tasks

|       | Task 1      |            |            | Task 2      |            |            | Task 3      |            |            | Tasks 1–3   |            |                   |
|-------|-------------|------------|------------|-------------|------------|------------|-------------|------------|------------|-------------|------------|-------------------|
|       | Error count | Word count | Error rate | Error count | Word count | Error rate | Error count | Word count | Error rate | Error count | Word count | Global error rate |
| CZ001 | 8           | 875        | 0.91       | 7           | 892        | 0.78       | 4           | 219        | 1.83       | 19          | 1986       | 0.96              |
| CZ002 | 7           | 546        | 1.28       | 4           | 1394       | 0.29       | 0           | 257        | 0.00       | 11          | 2197       | 0.50              |
| CZ003 | 16          | 1024       | 1.56       | 4           | 240        | 1.67       | 5           | 384        | 1.30       | 25          | 1648       | 1.52              |
| CZ004 | 36          | 1296       | 2.78       | 21          | 674        | 3.12       | 11          | 345        | 3.19       | 68          | 2315       | 2.94              |
| CZ005 | 12          | 639        | 1.88       | 16          | 1135       | 1.41       | 5           | 216        | 2.31       | 33          | 1990       | 1.66              |
| CZ006 | 22          | 837        | 2.63       | 19          | 882        | 2.15       | 1           | 273        | 0.37       | 42          | 1992       | 2.11              |
| CZ007 | 6           | 362        | 1.66       | 13          | 837        | 1.55       | 4           | 125        | 3.20       | 23          | 1324       | 1.74              |
| CZ008 | 5           | 701        | 0.71       | 3           | 1035       | 0.29       | 0           | 235        | 0.00       | 8           | 1971       | 0.41              |
| CZ009 | 31          | 1544       | 2.01       | 8           | 296        | 2.70       | 5           | 338        | 1.48       | 44          | 2178       | 2.02              |
| CZ010 | 8           | 1287       | 0.62       | 7           | 936        | 0.75       | 3           | 279        | 1.08       | 18          | 2502       | 0.72              |
| CZ011 | 9           | 718        | 1.25       | 13          | 955        | 1.36       | 1           | 453        | 0.22       | 23          | 2126       | 1.08              |
| CZ012 | 9           | 2200       | 0.41       | 2           | 630        | 0.32       | 0           | 215        | 0.00       | 11          | 3045       | 0.36              |
| CZ013 | 15          | 526        | 2.85       | 12          | 903        | 1.33       | 8           | 354        | 2.26       | 35          | 1783       | 1.96              |
| CZ014 | 19          | 699        | 2.72       | 13          | 945        | 1.38       | 1           | 150        | 0.67       | 33          | 1794       | 1.84              |
| CZ015 | 10          | 840        | 1.19       | 6           | 779        | 0.77       | 5           | 358        | 1.40       | 21          | 1977       | 1.06              |
| CZ016 | 1           | 787        | 0.13       | 2           | 1287       | 0.16       | 2           | 345        | 0.58       | 5           | 2419       | 0.21              |
| CZ017 | 41          | 592        | 6.93       | 36          | 1206       | 2.99       | 12          | 325        | 3.69       | 89          | 2123       | 4.19              |
| CZ018 | 23          | 852        | 2.70       | 14          | 692        | 2.02       | 9           | 276        | 3.26       | 46          | 1820       | 2.53              |
| CZ019 | 6           | 655        | 0.92       | 7           | 1619       | 0.43       | 0           | 180        | 0.00       | 13          | 2454       | 0.53              |
| CZ020 | 8           | 1137       | 0.70       | 5           | 868        | 0.58       | 7           | 418        | 1.67       | 20          | 2423       | 0.83              |
| CZ021 | 2           | 816        | 0.25       | 6           | 978        | 0.61       | 0           | 114        | 0.00       | 8           | 1908       | 0.42              |
| CZ022 | 6           | 468        | 1.28       | 5           | 962        | 0.52       | 4           | 387        | 1.03       | 15          | 1817       | 0.83              |
| CZ023 | 2           | 976        | 0.20       | 1           | 1018       | 0.10       | 2           | 171        | 1.17       | 5           | 2165       | 0.23              |
| CZ024 | 16          | 658        | 2.43       | 14          | 587        | 2.39       | 8           | 178        | 4.49       | 38          | 1423       | 2.67              |
| CZ025 | 29          | 1266       | 2.29       | 13          | 735        | 1.77       | 2           | 231        | 0.87       | 44          | 2232       | 1.97              |
| CZ026 | 6           | 1127       | 0.53       | 3           | 822        | 0.36       | 4           | 313        | 1.28       | 13          | 2262       | 0.57              |
| CZ027 | 12          | 584        | 2.05       | 11          | 529        | 2.08       | 0           | 183        | 0.00       | 23          | 1296       | 1.77              |
| CZ028 | 11          | 1076       | 1.02       | 7           | 545        | 1.28       | 3           | 272        | 1.10       | 21          | 1893       | 1.11              |
| CZ029 | 7           | 846        | 0.83       | 7           | 871        | 0.80       | 3           | 275        | 1.09       | 17          | 1992       | 0.85              |
| CZ030 | 9           | 1084       | 0.83       | 8           | 1155       | 0.69       | 0           | 173        | 0.00       | 17          | 2412       | 0.70              |
| CZ031 | 2           | 613        | 0.33       | 49          | 1041       | 4.71       | 3           | 166        | 1.81       | 54          | 1820       | 2.97              |
| CZ032 | 10          | 754        | 1.33       | 16          | 1043       | 1.53       | 7           | 287        | 2.44       | 33          | 2084       | 1.58              |
| CZ033 | 12          | 635        | 1.89       | 16          | 600        | 2.67       | 11          | 237        | 4.64       | 39          | 1472       | 2.65              |
| CZ034 | 0           | 653        | 0.00       | 13          | 930        | 1.40       | 1           | 244        | 0.41       | 14          | 1827       | 0.77              |
| CZ035 | 4           | 765        | 0.52       | 10          | 760        | 1.32       | 0           | 315        | 0.00       | 14          | 1840       | 0.76              |
| CZ036 | 5           | 563        | 0.89       | 13          | 1096       | 1.19       | 1           | 221        | 0.45       | 19          | 1880       | 1.01              |
| CZ037 | 8           | 406        | 1.97       | 9           | 693        | 1.30       | 4           | 237        | 1.69       | 21          | 1336       | 1.57              |
| CZ038 | 5           | 490        | 1.02       | 4           | 654        | 0.61       | 2           | 292        | 0.68       | 11          | 1436       | 0.77              |
| CZ039 | 13          | 1006       | 1.29       | 20          | 963        | 2.08       | 3           | 148        | 2.03       | 36          | 2117       | 1.70              |
| CZ040 | 2           | 1000       | 0.20       | 13          | 544        | 2.39       | 1           | 111        | 0.90       | 16          | 1655       | 0.97              |
| CZ041 | 10          | 770        | 1.30       | 7           | 528        | 1.33       | 4           | 227        | 1.76       | 21          | 1525       | 1.38              |
| CZ042 | 0           | 279        | 0.00       | 4           | 500        | 0.80       | 2           | 141        | 1.42       | 6           | 920        | 0.65              |
| CZ043 | 5           | 424        | 1.18       | 12          | 823        | 1.46       | 3           | 205        | 1.46       | 20          | 1452       | 1.38              |
| CZ044 | 13          | 874        | 1.49       | 11          | 925        | 1.19       | 6           | 394        | 1.52       | 30          | 2193       | 1.37              |
| CZ045 | 14          | 578        | 2.42       | 14          | 727        | 1.93       | 0           | 223        | 0.00       | 28          | 1528       | 1.83              |
| CZ046 | 5           | 682        | 0.73       | 11          | 759        | 1.45       | 0           | 225        | 0.00       | 16          | 1666       | 0.96              |
| CZ047 | 7           | 488        | 1.43       | 4           | 250        | 1.60       | 10          | 242        | 4.13       | 21          | 980        | 2.14              |
| CZ048 | 5           | 987        | 0.51       | 15          | 1085       | 1.38       | 0           | 290        | 0.00       | 20          | 2362       | 0.85              |
| CZ049 | 19          | 762        | 2.49       | 52          | 1453       | 3.58       | 3           | 70         | 4.29       | 74          | 2285       | 3.24              |
| CZ050 | 6           | 837        | 0.72       | 8           | 1069       | 0.75       | 4           | 218        | 1.83       | 18          | 2124       | 0.85              |

## Appendix 12 – Speech rates in LINDSEI\_CZ

|       | Task 1     |                   |             | Task 2     |                   |             | Task 3     |                   |             |
|-------|------------|-------------------|-------------|------------|-------------------|-------------|------------|-------------------|-------------|
|       | Word count | Length in seconds | Speech rate | Word count | Length in seconds | Speech rate | Word count | Length in seconds | Speech rate |
| CZ001 | 875        | 338               | 155         | 892        | 340               | 157         | 219        | 90                | 146         |
| CZ002 | 546        | 221               | 148         | 1394       | 544               | 154         | 257        | 132               | 117         |
| CZ003 | 1024       | 312               | 197         | 240        | 75                | 192         | 384        | 136               | 169         |
| CZ004 | 1296       | 560               | 139         | 674        | 312               | 130         | 345        | 149               | 139         |
| CZ005 | 639        | 230               | 167         | 1135       | 393               | 173         | 216        | 89                | 146         |
| CZ006 | 837        | 307               | 164         | 882        | 322               | 164         | 273        | 105               | 156         |
| CZ007 | 362        | 175               | 124         | 837        | 365               | 138         | 125        | 61                | 123         |
| CZ008 | 701        | 265               | 159         | 1035       | 363               | 171         | 235        | 86                | 164         |
| CZ009 | 1544       | 540               | 172         | 296        | 94                | 189         | 338        | 143               | 142         |
| CZ010 | 1287       | 503               | 154         | 936        | 388               | 145         | 279        | 113               | 148         |
| CZ011 | 718        | 216               | 199         | 955        | 281               | 204         | 453        | 143               | 190         |
| CZ012 | 2200       | 642               | 206         | 630        | 191               | 198         | 215        | 71                | 182         |
| CZ013 | 526        | 220               | 143         | 903        | 355               | 153         | 354        | 147               | 144         |
| CZ014 | 699        | 345               | 122         | 945        | 393               | 144         | 150        | 87                | 103         |
| CZ015 | 840        | 400               | 126         | 779        | 322               | 145         | 358        | 201               | 107         |
| CZ016 | 787        | 356               | 133         | 1287       | 489               | 158         | 345        | 149               | 139         |
| CZ017 | 592        | 259               | 137         | 1206       | 520               | 139         | 325        | 165               | 118         |
| CZ018 | 852        | 438               | 117         | 692        | 336               | 124         | 276        | 197               | 84          |
| CZ019 | 655        | 245               | 160         | 1619       | 564               | 172         | 180        | 75                | 144         |
| CZ020 | 1137       | 536               | 127         | 868        | 329               | 158         | 418        | 181               | 139         |
| CZ021 | 816        | 295               | 166         | 978        | 354               | 166         | 114        | 53                | 129         |
| CZ022 | 468        | 208               | 135         | 962        | 392               | 147         | 387        | 192               | 121         |
| CZ023 | 976        | 383               | 153         | 1018       | 378               | 162         | 171        | 92                | 112         |
| CZ024 | 658        | 307               | 129         | 587        | 240               | 147         | 178        | 88                | 121         |
| CZ025 | 1266       | 495               | 153         | 735        | 281               | 157         | 231        | 101               | 137         |
| CZ026 | 1127       | 380               | 178         | 822        | 285               | 173         | 313        | 141               | 133         |
| CZ027 | 584        | 225               | 156         | 529        | 197               | 161         | 183        | 67                | 164         |
| CZ028 | 1076       | 423               | 153         | 545        | 232               | 141         | 272        | 117               | 139         |
| CZ029 | 846        | 305               | 166         | 871        | 319               | 164         | 275        | 119               | 139         |
| CZ030 | 1084       | 374               | 174         | 1155       | 422               | 164         | 173        | 67                | 155         |
| CZ031 | 613        | 265               | 139         | 1041       | 449               | 139         | 166        | 78                | 128         |
| CZ032 | 754        | 288               | 157         | 1043       | 359               | 174         | 287        | 121               | 142         |
| CZ033 | 635        | 254               | 150         | 600        | 248               | 145         | 237        | 94                | 151         |
| CZ034 | 653        | 293               | 134         | 930        | 404               | 138         | 244        | 132               | 111         |
| CZ035 | 765        | 322               | 143         | 761        | 327               | 140         | 313        | 128               | 147         |
| CZ036 | 563        | 227               | 149         | 1096       | 447               | 147         | 221        | 117               | 113         |
| CZ037 | 406        | 179               | 136         | 693        | 348               | 119         | 237        | 141               | 101         |
| CZ038 | 490        | 194               | 152         | 654        | 240               | 164         | 292        | 130               | 135         |
| CZ039 | 1006       | 380               | 159         | 963        | 348               | 166         | 148        | 63                | 141         |
| CZ040 | 1000       | 438               | 137         | 544        | 220               | 148         | 111        | 60                | 111         |
| CZ041 | 770        | 398               | 116         | 528        | 235               | 135         | 227        | 112               | 122         |
| CZ042 | 279        | 129               | 130         | 500        | 217               | 138         | 141        | 65                | 130         |
| CZ043 | 424        | 174               | 146         | 823        | 329               | 150         | 205        | 77                | 160         |
| CZ044 | 874        | 296               | 177         | 925        | 300               | 185         | 394        | 128               | 185         |
| CZ045 | 578        | 255               | 136         | 727        | 305               | 143         | 223        | 101               | 132         |
| CZ046 | 682        | 271               | 151         | 759        | 315               | 145         | 225        | 100               | 135         |
| CZ047 | 488        | 200               | 146         | 250        | 114               | 132         | 242        | 113               | 128         |
| CZ048 | 987        | 357               | 166         | 1085       | 372               | 175         | 290        | 106               | 164         |
| CZ049 | 762        | 234               | 195         | 1453       | 431               | 202         | 70         | 26                | 162         |
| CZ050 | 837        | 313               | 160         | 1069       | 393               | 163         | 218        | 84                | 156         |

### Appendix 13 – Speech rates in LOCNEC

|       | Task 1     |                   |             | Task 2     |                   |             | Task 3     |                   |             |
|-------|------------|-------------------|-------------|------------|-------------------|-------------|------------|-------------------|-------------|
|       | Word count | Length in seconds | Speech rate | Word count | Length in seconds | Speech rate | Word count | Length in seconds | Speech rate |
| EN001 | 344        | 106               | 195         | 1430       | 379               | 226         | 131        | 35                | 225         |
| EN002 | 230        | 87                | 159         | 1761       | 589               | 179         | 97         | 22                | 265         |
| EN003 | 194        | 66                | 176         | 1817       | 500               | 218         | 115        | 42                | 164         |
| EN004 | 1056       | 391               | 162         | 974        | 296               | 197         | 174        | 74                | 141         |
| EN005 | 285        | 101               | 169         | 875        | 303               | 173         | 90         | 37                | 146         |
| EN006 | 754        | 262               | 173         | 1224       | 397               | 185         | 149        | 67                | 133         |
| EN007 | 616        | 174               | 212         | 1424       | 386               | 221         | 203        | 67                | 182         |
| EN008 | 1179       | 321               | 220         | 1865       | 455               | 246         | 210        | 66                | 191         |
| EN009 | 895        | 230               | 233         | 2694       | 606               | 267         | 276        | 70                | 237         |
| EN010 | 824        | 232               | 213         | 1409       | 360               | 235         | 166        | 52                | 192         |
| EN011 | 661        | 192               | 207         | 1897       | 619               | 184         | 91         | 37                | 148         |
| EN012 | 424        | 120               | 212         | 1860       | 458               | 244         | 126        | 37                | 204         |
| EN013 | 655        | 224               | 175         | 1550       | 439               | 212         | 97         | 55                | 106         |
| EN014 | 674        | 198               | 204         | 1369       | 359               | 229         | 109        | 37                | 177         |
| EN015 | 834        | 228               | 219         | 2564       | 693               | 222         | 100        | 26                | 231         |
| EN016 | 689        | 178               | 232         | 1642       | 437               | 225         | 118        | 35                | 202         |
| EN017 | 1219       | 356               | 205         | 752        | 220               | 205         | 85         | 35                | 146         |
| EN018 | 596        | 155               | 231         | 2412       | 569               | 254         | 124        | 35                | 213         |
| EN019 | 1770       | 545               | 195         | 942        | 297               | 190         | 97         | 41                | 142         |
| EN020 | 307        | 119               | 155         | 1187       | 390               | 183         | 102        | 48                | 128         |
| EN021 | 564        | 184               | 184         | 1604       | 507               | 190         | 83         | 43                | 116         |
| EN022 | 1252       | 309               | 243         | 2505       | 597               | 252         | 213        | 71                | 180         |
| EN023 | 597        | 172               | 208         | 831        | 268               | 186         | 85         | 34                | 150         |
| EN024 | 347        | 113               | 184         | 1475       | 474               | 187         | 200        | 63                | 190         |
| EN025 | 1290       | 350               | 221         | 981        | 259               | 227         | 124        | 47                | 158         |
| EN026 | 1947       | 496               | 236         | 2340       | 653               | 215         | 227        | 71                | 192         |
| EN027 | 612        | 178               | 206         | 1788       | 513               | 209         | 126        | 38                | 199         |
| EN028 | 222        | 75                | 178         | 911        | 315               | 174         | 57         | 28                | 122         |
| EN029 | 370        | 125               | 178         | 1268       | 377               | 202         | 59         | 22                | 161         |
| EN030 | 905        | 286               | 190         | 1090       | 308               | 212         | 179        | 76                | 141         |
| EN031 | 619        | 171               | 217         | 1155       | 361               | 192         | 139        | 49                | 170         |
| EN032 | 650        | 184               | 212         | 1326       | 386               | 206         | 83         | 31                | 161         |
| EN033 | 884        | 262               | 202         | 1582       | 442               | 215         | 335        | 110               | 183         |
| EN034 | 1279       | 390               | 197         | 1153       | 372               | 186         | 165        | 65                | 152         |
| EN035 | 573        | 207               | 166         | 999        | 359               | 167         | 73         | 39                | 112         |
| EN036 | 1004       | 304               | 198         | 842        | 286               | 177         | 31         | 13                | 143         |
| EN037 | 373        | 100               | 224         | 1331       | 320               | 250         | 163        | 41                | 239         |
| EN038 | 1116       | 315               | 213         | 1755       | 497               | 212         | 206        | 67                | 184         |
| EN039 | 803        | 200               | 241         | 1643       | 450               | 219         | 168        | 60                | 168         |
| EN040 | 789        | 241               | 196         | 848        | 267               | 191         | 109        | 40                | 164         |
| EN041 | 1191       | 390               | 183         | 565        | 187               | 181         | 289        | 104               | 167         |
| EN042 | 1273       | 426               | 179         | 1078       | 326               | 198         | 367        | 133               | 166         |
| EN043 | 623        | 166               | 225         | 1976       | 517               | 229         | 107        | 32                | 201         |
| EN044 | 1495       | 472               | 190         | 1443       | 417               | 208         | 100        | 35                | 171         |
| EN045 | 1322       | 346               | 229         | 1597       | 478               | 200         | 242        | 83                | 175         |
| EN046 | 1701       | 505               | 202         | 205        | 63                | 195         | 141        | 50                | 169         |
| EN047 | 1630       | 402               | 243         | 702        | 174               | 242         | 116        | 36                | 193         |
| EN048 | 2120       | 554               | 230         | 1701       | 426               | 240         | 117        | 36                | 195         |
| EN049 | 1642       | 490               | 201         | 927        | 260               | 214         | 111        | 32                | 208         |

### Appendix 14 – Frequency of unfilled pauses in LINDSEI\_CZ

|       | Task 1 | Task 2 | Task 3 | Tasks 1–3 |
|-------|--------|--------|--------|-----------|
| CZ001 | 17.26  | 16.48  | 15.98  | 16.77     |
| CZ002 | 17.95  | 16.36  | 23.35  | 17.57     |
| CZ003 | 8.30   | 7.50   | 8.85   | 8.31      |
| CZ004 | 19.98  | 23.89  | 23.77  | 21.68     |
| CZ005 | 13.77  | 10.40  | 18.06  | 12.31     |
| CZ006 | 12.43  | 11.79  | 15.38  | 12.55     |
| CZ007 | 20.17  | 17.08  | 25.60  | 18.73     |
| CZ008 | 11.55  | 8.41   | 14.47  | 10.25     |
| CZ009 | 8.68   | 6.42   | 11.24  | 8.77      |
| CZ010 | 19.58  | 19.34  | 22.22  | 19.78     |
| CZ011 | 11.98  | 11.20  | 11.70  | 11.57     |
| CZ012 | 8.86   | 7.14   | 13.95  | 8.87      |
| CZ013 | 26.81  | 9.30   | 23.16  | 17.22     |
| CZ014 | 21.32  | 18.84  | 34.00  | 21.07     |
| CZ015 | 16.79  | 15.15  | 27.65  | 18.11     |
| CZ016 | 9.66   | 6.22   | 9.57   | 7.81      |
| CZ017 | 15.20  | 12.11  | 15.69  | 13.52     |
| CZ018 | 14.79  | 12.43  | 25.72  | 15.55     |
| CZ019 | 11.60  | 8.77   | 10.00  | 9.62      |
| CZ020 | 15.74  | 7.72   | 9.57   | 11.80     |
| CZ021 | 9.93   | 5.73   | 16.67  | 8.18      |
| CZ022 | 6.84   | 7.28   | 10.85  | 7.93      |
| CZ023 | 11.48  | 10.71  | 23.98  | 12.10     |
| CZ024 | 13.83  | 8.35   | 15.17  | 11.74     |
| CZ025 | 7.27   | 3.67   | 12.12  | 7.34      |
| CZ026 | 8.87   | 8.52   | 14.70  | 9.55      |
| CZ027 | 5.99   | 4.73   | 3.28   | 5.09      |
| CZ028 | 5.48   | 4.04   | 6.25   | 5.18      |
| CZ029 | 1.65   | 3.44   | 5.09   | 2.91      |
| CZ030 | 5.63   | 4.59   | 6.36   | 5.18      |
| CZ031 | 13.05  | 10.57  | 14.46  | 11.76     |
| CZ032 | 9.95   | 6.71   | 11.15  | 8.49      |
| CZ033 | 5.98   | 4.83   | 7.17   | 5.71      |
| CZ034 | 7.20   | 7.74   | 12.30  | 8.16      |
| CZ035 | 13.59  | 15.37  | 11.82  | 12.35     |
| CZ036 | 15.99  | 10.22  | 22.62  | 13.40     |
| CZ037 | 10.59  | 11.54  | 24.47  | 13.55     |
| CZ038 | 5.10   | 3.67   | 7.19   | 4.87      |
| CZ039 | 11.53  | 9.14   | 12.84  | 10.53     |
| CZ040 | 1.90   | 42.10  | 25.23  | 16.68     |
| CZ041 | 22.73  | 19.51  | 25.99  | 22.10     |
| CZ042 | 16.13  | 11.20  | 17.73  | 13.70     |
| CZ043 | 15.33  | 8.87   | 14.15  | 11.50     |
| CZ044 | 7.21   | 6.92   | 8.63   | 7.34      |
| CZ045 | 12.28  | 10.04  | 13.00  | 11.32     |
| CZ046 | 10.70  | 12.65  | 11.56  | 11.70     |
| CZ047 | 11.89  | 16.80  | 16.12  | 14.18     |
| CZ048 | 4.56   | 2.58   | 3.79   | 3.56      |
| CZ049 | 1.97   | 1.10   | 1.43   | 1.40      |
| CZ050 | 8.12   | 8.33   | 9.17   | 8.33      |

## Appendix 15 – Frequency of unfilled pauses in LOCNEC

|       | Task 1 | Task 2 | Task 3 | Tasks 1–3 |
|-------|--------|--------|--------|-----------|
| EN001 | 9.88   | 9.30   | 7.63   | 9.29      |
| EN002 | 8.70   | 8.46   | 1.03   | 8.14      |
| EN003 | 5.15   | 4.79   | 1.74   | 4.66      |
| EN004 | 8.62   | 5.24   | 9.20   | 7.17      |
| EN005 | 9.82   | 7.54   | 14.44  | 8.56      |
| EN006 | 7.82   | 6.45   | 10.74  | 7.24      |
| EN007 | 6.33   | 5.83   | 8.37   | 6.20      |
| EN008 | 6.70   | 3.97   | 8.10   | 5.22      |
| EN009 | 5.47   | 3.23   | 4.35   | 3.83      |
| EN010 | 4.25   | 4.05   | 8.43   | 4.42      |
| EN011 | 7.41   | 6.17   | 5.49   | 6.46      |
| EN012 | 3.54   | 3.06   | 5.56   | 3.28      |
| EN013 | 7.33   | 5.55   | 19.59  | 6.65      |
| EN014 | 7.12   | 5.99   | 11.01  | 6.60      |
| EN015 | 5.28   | 4.13   | 7.00   | 4.49      |
| EN016 | 5.81   | 3.23   | 8.47   | 4.21      |
| EN017 | 4.84   | 4.26   | 15.29  | 5.06      |
| EN018 | 3.86   | 2.94   | 3.23   | 3.13      |
| EN019 | 5.65   | 6.48   | 13.40  | 6.19      |
| EN020 | 7.49   | 6.74   | 14.71  | 7.39      |
| EN021 | 5.67   | 3.87   | 9.64   | 4.53      |
| EN022 | 2.56   | 2.04   | 5.63   | 2.39      |
| EN023 | 3.35   | 4.33   | 12.94  | 4.43      |
| EN024 | 2.88   | 3.53   | 3.50   | 3.41      |
| EN025 | 4.11   | 2.65   | 8.06   | 3.72      |
| EN026 | 2.00   | 2.69   | 3.96   | 2.46      |
| EN027 | 4.25   | 3.80   | 3.17   | 3.88      |
| EN028 | 5.41   | 4.39   | 14.04  | 5.04      |
| EN029 | 2.16   | 2.13   | 10.17  | 2.42      |
| EN030 | 4.31   | 3.21   | 5.03   | 3.82      |
| EN031 | 1.45   | 2.86   | 2.88   | 2.40      |
| EN032 | 2.46   | 1.66   | 4.82   | 2.04      |
| EN033 | 2.60   | 1.58   | 1.49   | 1.89      |
| EN034 | 2.35   | 1.47   | 3.64   | 2.04      |
| EN035 | 2.97   | 3.00   | 6.85   | 3.16      |
| EN036 | 1.20   | 2.38   | 16.13  | 1.97      |
| EN037 | 4.02   | 2.48   | 1.23   | 2.68      |
| EN038 | 3.41   | 2.62   | 4.85   | 3.05      |
| EN039 | 2.24   | 2.92   | 4.76   | 2.83      |
| EN040 | 1.39   | 2.36   | 9.17   | 2.35      |
| EN041 | 2.18   | 2.48   | 3.81   | 2.49      |
| EN042 | 1.89   | 1.11   | 1.91   | 1.58      |
| EN043 | 1.44   | 2.13   | 5.61   | 2.11      |
| EN044 | 1.94   | 1.32   | 3.00   | 1.68      |
| EN045 | 5.60   | 7.26   | 10.33  | 6.80      |
| EN046 | 4.82   | 5.37   | 7.80   | 5.08      |
| EN047 | 3.87   | 3.70   | 10.34  | 4.13      |
| EN048 | 2.97   | 1.47   | 3.42   | 2.34      |
| EN049 | 5.18   | 4.10   | 9.91   | 5.00      |

## Appendix 16 – Frequency of filled pauses in LINDSEI\_CZ

|       | Task 1 | Task 2 | Task 3 | Tasks 1–3 |
|-------|--------|--------|--------|-----------|
| CZ001 | 5.94   | 4.93   | 3.20   | 5.19      |
| CZ002 | 10.62  | 8.75   | 11.67  | 9.56      |
| CZ003 | 5.57   | 5.42   | 5.73   | 5.58      |
| CZ004 | 9.41   | 9.50   | 10.14  | 9.55      |
| CZ005 | 3.13   | 3.08   | 3.70   | 3.17      |
| CZ006 | 3.82   | 3.17   | 1.10   | 3.16      |
| CZ007 | 12.15  | 9.68   | 10.40  | 10.42     |
| CZ008 | 9.84   | 10.24  | 8.09   | 9.84      |
| CZ009 | 2.98   | 2.03   | 2.07   | 2.71      |
| CZ010 | 5.91   | 6.09   | 5.02   | 5.88      |
| CZ011 | 8.77   | 9.21   | 11.92  | 9.64      |
| CZ012 | 4.86   | 4.29   | 5.12   | 4.76      |
| CZ013 | 2.09   | 0.89   | 1.69   | 1.40      |
| CZ014 | 10.16  | 7.30   | 10.67  | 8.70      |
| CZ015 | 9.05   | 6.80   | 11.45  | 8.60      |
| CZ016 | 8.51   | 7.15   | 4.06   | 7.15      |
| CZ017 | 8.61   | 9.78   | 11.38  | 9.70      |
| CZ018 | 11.85  | 15.17  | 14.13  | 13.46     |
| CZ019 | 4.12   | 4.01   | 7.22   | 4.28      |
| CZ020 | 3.25   | 1.96   | 1.44   | 2.48      |
| CZ021 | 5.27   | 5.42   | 4.39   | 5.29      |
| CZ022 | 9.40   | 6.65   | 8.79   | 7.82      |
| CZ023 | 4.71   | 3.05   | 5.85   | 4.02      |
| CZ024 | 6.38   | 6.81   | 5.62   | 6.47      |
| CZ025 | 2.35   | 5.23   | 8.06   | 4.09      |
| CZ026 | 2.84   | 3.41   | 4.47   | 3.27      |
| CZ027 | 8.05   | 6.99   | 6.56   | 7.41      |
| CZ028 | 12.73  | 13.03  | 14.34  | 13.05     |
| CZ029 | 6.26   | 5.40   | 6.18   | 5.87      |
| CZ030 | 4.70   | 3.72   | 6.36   | 4.35      |
| CZ031 | 10.77  | 8.26   | 7.23   | 9.01      |
| CZ032 | 2.25   | 1.53   | 5.23   | 2.30      |
| CZ033 | 2.52   | 1.33   | 2.95   | 2.11      |
| CZ034 | 11.03  | 11.18  | 11.07  | 11.11     |
| CZ035 | 4.43   | 2.13   | 1.51   | 2.87      |
| CZ036 | 6.93   | 3.38   | 3.17   | 4.41      |
| CZ037 | 3.20   | 4.62   | 8.44   | 4.87      |
| CZ038 | 9.18   | 7.65   | 8.90   | 8.43      |
| CZ039 | 7.06   | 6.75   | 8.78   | 7.04      |
| CZ040 | 0.40   | 13.60  | 8.11   | 5.26      |
| CZ041 | 19.74  | 11.17  | 11.01  | 15.48     |
| CZ042 | 1.79   | 1.60   | 0.71   | 1.52      |
| CZ043 | 15.09  | 13.73  | 7.80   | 13.29     |
| CZ044 | 13.04  | 11.03  | 7.11   | 11.13     |
| CZ045 | 11.42  | 13.89  | 4.48   | 11.58     |
| CZ046 | 15.10  | 18.58  | 12.89  | 16.39     |
| CZ047 | 1.64   | 1.20   | 0.41   | 1.22      |
| CZ048 | 4.46   | 2.49   | 1.38   | 3.18      |
| CZ049 | 3.81   | 5.99   | 5.71   | 5.25      |
| CZ050 | 5.85   | 9.82   | 6.88   | 7.96      |



## Appendix 17 – Frequency of filled pauses in LOCNEC

|       | Task 1 | Task 2 | Task 3 | Tasks 1–3 |
|-------|--------|--------|--------|-----------|
| EN001 | 6.69   | 6.71   | 4.58   | 6.56      |
| EN002 | 3.48   | 2.10   | 0.00   | 2.16      |
| EN003 | 5.67   | 2.70   | 2.61   | 2.96      |
| EN004 | 3.41   | 2.57   | 6.32   | 3.27      |
| EN005 | 2.11   | 3.77   | 0.00   | 3.12      |
| EN006 | 7.16   | 7.52   | 10.07  | 7.57      |
| EN007 | 1.79   | 0.70   | 3.94   | 1.29      |
| EN008 | 3.31   | 2.95   | 8.10   | 3.41      |
| EN009 | 1.45   | 1.52   | 1.45   | 1.50      |
| EN010 | 1.82   | 2.84   | 1.20   | 2.38      |
| EN011 | 2.87   | 3.74   | 6.59   | 3.62      |
| EN012 | 4.01   | 3.82   | 1.59   | 3.73      |
| EN013 | 2.75   | 2.26   | 4.12   | 2.48      |
| EN014 | 4.45   | 2.63   | 1.83   | 3.16      |
| EN015 | 2.28   | 1.40   | 0.00   | 1.57      |
| EN016 | 1.89   | 1.89   | 3.39   | 1.96      |
| EN017 | 4.68   | 4.52   | 8.24   | 4.77      |
| EN018 | 3.86   | 2.20   | 2.42   | 2.52      |
| EN019 | 2.88   | 2.02   | 3.09   | 2.60      |
| EN020 | 4.56   | 3.45   | 6.86   | 3.88      |
| EN021 | 3.72   | 2.12   | 7.23   | 2.71      |
| EN022 | 1.36   | 1.16   | 2.35   | 1.28      |
| EN023 | 2.01   | 1.32   | 5.88   | 1.85      |
| EN024 | 2.02   | 2.51   | 2.50   | 2.42      |
| EN025 | 0.85   | 1.02   | 1.61   | 0.96      |
| EN026 | 2.77   | 4.44   | 6.61   | 3.83      |
| EN027 | 2.45   | 1.34   | 0.79   | 1.58      |
| EN028 | 4.05   | 3.95   | 12.28  | 4.37      |
| EN029 | 2.70   | 2.21   | 1.69   | 2.30      |
| EN030 | 3.31   | 2.75   | 0.00   | 2.76      |
| EN031 | 3.39   | 2.86   | 3.60   | 3.08      |
| EN032 | 0.77   | 0.83   | 0.00   | 0.78      |
| EN033 | 2.38   | 1.90   | 2.69   | 2.14      |
| EN034 | 1.64   | 1.65   | 7.88   | 2.04      |
| EN035 | 4.36   | 2.30   | 6.85   | 3.22      |
| EN036 | 1.49   | 1.90   | 6.45   | 1.76      |
| EN037 | 3.22   | 1.95   | 7.98   | 2.73      |
| EN038 | 2.06   | 3.13   | 2.91   | 2.73      |
| EN039 | 1.49   | 1.52   | 3.57   | 1.64      |
| EN040 | 5.20   | 2.95   | 5.50   | 4.12      |
| EN041 | 6.88   | 8.14   | 9.69   | 7.63      |
| EN042 | 3.06   | 2.60   | 3.27   | 2.91      |
| EN043 | 1.28   | 0.81   | 3.74   | 1.03      |
| EN044 | 2.81   | 1.32   | 1.00   | 2.04      |
| EN045 | 1.51   | 2.57   | 3.31   | 2.18      |
| EN046 | 1.65   | 0.98   | 5.67   | 1.86      |
| EN047 | 1.17   | 1.14   | 2.59   | 1.23      |
| EN048 | 2.69   | 2.82   | 0.00   | 2.67      |
| EN049 | 4.99   | 3.88   | 2.70   | 4.51      |

### Appendix 18 – Mean lengths of runs in LINDSEI\_CZ

|       | Task 1 | Task 2 | Task 3 |
|-------|--------|--------|--------|
| CZ001 | 5.84   | 5.36   | 5.68   |
| CZ002 | 5.47   | 5.48   | 4.3    |
| CZ003 | 10.45  | 11.11  | 10     |
| CZ004 | 4.52   | 3.72   | 3.77   |
| CZ005 | 6.83   | 6.46   | 5.38   |
| CZ006 | 7.81   | 7.72   | 6.18   |
| CZ007 | 5.14   | 4.96   | 3.97   |
| CZ008 | 7.21   | 9.23   | 6.2    |
| CZ009 | 8.58   | 8.44   | 6.34   |
| CZ010 | 4.91   | 4.7    | 4.56   |
| CZ011 | 7.32   | 6.76   | 7.53   |
| CZ012 | 10.63  | 10.76  | 7.17   |
| CZ013 | 3.67   | 4.65   | 4.1    |
| CZ014 | 4.56   | 4.83   | 2.85   |
| CZ015 | 5.9    | 5.74   | 3.5    |
| CZ016 | 9.2    | 11.72  | 9.44   |
| CZ017 | 6.5    | 6.08   | 5.87   |
| CZ018 | 5.74   | 6.41   | 3.93   |
| CZ019 | 8.29   | 9.35   | 9.26   |
| CZ020 | 6.62   | 9.58   | 9.13   |
| CZ021 | 8.66   | 10.58  | 5.5    |
| CZ022 | 11.1   | 7.82   | 5.62   |
| CZ023 | 7.21   | 7.69   | 4.15   |
| CZ024 | 6.28   | 6.75   | 5.73   |
| CZ025 | 10.8   | 10.7   | 7.7    |

## Appendix 19 – Mean lengths of runs in LOCNEC

|       | Task 1 | Task 2 | Task 3 |
|-------|--------|--------|--------|
| EN001 | 8.41   | 8.25   | 12.33  |
| EN002 | 7.6    | 7.97   | 18.6   |
| EN003 | 7.15   | 11.17  | 12.9   |
| EN004 | 8.82   | 10.38  | 9.12   |
| EN005 | 8.33   | 7.88   | 6.69   |
| EN006 | 7.19   | 9.23   | 8.47   |
| EN007 | 8.66   | 7.97   | 8.5    |
| EN008 | 12.3   | 15.8   | 14.14  |
| EN009 | 16.32  | 15.27  | 15.88  |
| EN010 | 13.65  | 11.95  | 11.2   |
| EN011 | 10.75  | 10.13  | 12.43  |
| EN012 | 9.63   | 14.6   | 14.3   |
| EN013 | 9.62   | 10.2   | 5.22   |
| EN014 | 10.59  | 8.8    | 9.45   |
| EN015 | 13.52  | 15.45  | 19.4   |
| EN016 | 12.84  | 12.82  | 12.56  |
| EN017 | 12.24  | 12.18  | 7.1    |
| EN018 | 15.48  | 16.41  | 16.5   |
| EN019 | 8.75   | 7.13   | 5.88   |
| EN020 | 7.27   | 7.11   | 6      |
| EN021 | 12.73  | 11.62  | 10.38  |
| EN022 | 18.98  | 23.25  | 14.56  |
| EN023 | 16.78  | 10.11  | 7.18   |
| EN024 | 10.89  | 10.21  | 9.84   |
| EN025 | 10.54  | 11.43  | 11     |

**Appendix 20 – Breakdown of all LINDSEI\_CZ global values for accuracy and fluency**

|       | Error rate | Speech rate |        |        | Frequency of unfilled pauses |        |        | Frequency of filled pauses |        |        | Mean lengths of runs |        |        |
|-------|------------|-------------|--------|--------|------------------------------|--------|--------|----------------------------|--------|--------|----------------------|--------|--------|
|       | Global     | Task 1      | Task 2 | Task 3 | Task 1                       | Task 2 | Task 3 | Task 1                     | Task 2 | Task 3 | Task 1               | Task 2 | Task 3 |
| CZ001 | 0.96       | 155         | 157    | 146    | 17.26                        | 16.48  | 15.98  | 5.94                       | 4.93   | 3.20   | 5.84                 | 5.36   | 5.68   |
| CZ002 | 0.50       | 148         | 154    | 117    | 17.95                        | 16.36  | 23.35  | 10.62                      | 8.75   | 11.67  | 5.47                 | 5.48   | 4.3    |
| CZ003 | 1.52       | 197         | 192    | 169    | 8.30                         | 7.50   | 8.85   | 5.57                       | 5.42   | 5.73   | 10.45                | 11.11  | 10     |
| CZ004 | 2.94       | 139         | 130    | 139    | 19.98                        | 23.89  | 23.77  | 9.41                       | 9.50   | 10.14  | 4.52                 | 3.72   | 3.77   |
| CZ005 | 1.66       | 167         | 173    | 146    | 13.77                        | 10.40  | 18.06  | 3.13                       | 3.08   | 3.70   | 6.83                 | 6.46   | 5.38   |
| CZ006 | 2.11       | 164         | 164    | 156    | 12.43                        | 11.79  | 15.38  | 3.82                       | 3.17   | 1.10   | 7.81                 | 7.72   | 6.18   |
| CZ007 | 1.74       | 124         | 138    | 123    | 20.17                        | 17.08  | 25.60  | 12.15                      | 9.68   | 10.40  | 5.14                 | 4.96   | 3.97   |
| CZ008 | 0.41       | 159         | 171    | 164    | 11.55                        | 8.41   | 14.47  | 9.84                       | 10.24  | 8.09   | 7.21                 | 9.23   | 6.2    |
| CZ009 | 2.02       | 172         | 189    | 142    | 8.68                         | 6.42   | 11.24  | 2.98                       | 2.03   | 2.07   | 8.58                 | 8.44   | 6.34   |
| CZ010 | 0.72       | 154         | 145    | 148    | 19.58                        | 19.34  | 22.22  | 5.91                       | 6.09   | 5.02   | 4.91                 | 4.7    | 4.56   |
| CZ011 | 1.08       | 199         | 204    | 190    | 11.98                        | 11.20  | 11.70  | 8.77                       | 9.21   | 11.92  | 7.32                 | 6.76   | 7.53   |
| CZ012 | 0.36       | 206         | 198    | 182    | 8.86                         | 7.14   | 13.95  | 4.86                       | 4.29   | 5.12   | 10.63                | 10.76  | 7.17   |
| CZ013 | 1.96       | 143         | 153    | 144    | 26.81                        | 9.30   | 23.16  | 2.09                       | 0.89   | 1.69   | 3.67                 | 4.65   | 4.1    |
| CZ014 | 1.84       | 122         | 144    | 103    | 21.32                        | 18.84  | 34.00  | 10.16                      | 7.30   | 10.67  | 4.56                 | 4.83   | 2.85   |
| CZ015 | 1.06       | 126         | 145    | 107    | 16.79                        | 15.15  | 27.65  | 9.05                       | 6.80   | 11.45  | 5.9                  | 5.74   | 3.5    |
| CZ016 | 0.21       | 133         | 158    | 139    | 9.66                         | 6.22   | 9.57   | 8.51                       | 7.15   | 4.06   | 9.2                  | 11.72  | 9.44   |
| CZ017 | 4.19       | 137         | 139    | 118    | 15.20                        | 12.11  | 15.69  | 8.61                       | 9.78   | 11.38  | 6.5                  | 6.08   | 5.87   |
| CZ018 | 2.53       | 117         | 124    | 84     | 14.79                        | 12.43  | 25.72  | 11.85                      | 15.17  | 14.13  | 5.74                 | 6.41   | 3.93   |
| CZ019 | 0.53       | 160         | 172    | 144    | 11.60                        | 8.77   | 10.00  | 4.12                       | 4.01   | 7.22   | 8.29                 | 9.35   | 9.26   |
| CZ020 | 0.83       | 127         | 158    | 139    | 15.74                        | 7.72   | 9.57   | 3.25                       | 1.96   | 1.44   | 6.62                 | 9.58   | 9.13   |
| CZ021 | 0.42       | 166         | 166    | 129    | 9.93                         | 5.73   | 16.67  | 5.27                       | 5.42   | 4.39   | 8.66                 | 10.58  | 5.5    |
| CZ022 | 0.83       | 135         | 147    | 121    | 6.84                         | 7.28   | 10.85  | 9.40                       | 6.65   | 8.79   | 11.1                 | 7.82   | 5.62   |
| CZ023 | 0.23       | 153         | 162    | 112    | 11.48                        | 10.71  | 23.98  | 4.71                       | 3.05   | 5.85   | 7.21                 | 7.69   | 4.15   |
| CZ024 | 2.67       | 129         | 147    | 121    | 13.83                        | 8.35   | 15.17  | 6.38                       | 6.81   | 5.62   | 6.28                 | 6.75   | 5.73   |
| CZ025 | 1.97       | 153         | 157    | 137    | 7.27                         | 3.67   | 12.12  | 2.35                       | 5.23   | 8.06   | 10.8                 | 10.7   | 7.7    |
| CZ026 | 0.57       | 178         | 173    | 133    | 8.87                         | 8.52   | 14.70  | 2.84                       | 3.41   | 4.47   |                      |        |        |
| CZ027 | 1.77       | 156         | 161    | 164    | 5.99                         | 4.73   | 3.28   | 8.05                       | 6.99   | 6.56   |                      |        |        |
| CZ028 | 1.11       | 153         | 141    | 139    | 5.48                         | 4.04   | 6.25   | 12.73                      | 13.03  | 14.34  |                      |        |        |
| CZ029 | 0.85       | 166         | 164    | 139    | 1.65                         | 3.44   | 5.09   | 6.26                       | 5.40   | 6.18   |                      |        |        |
| CZ030 | 0.70       | 174         | 164    | 155    | 5.63                         | 4.59   | 6.36   | 4.70                       | 3.72   | 6.36   |                      |        |        |
| CZ031 | 2.97       | 139         | 139    | 128    | 13.05                        | 10.57  | 14.46  | 10.77                      | 8.26   | 7.23   |                      |        |        |
| CZ032 | 1.58       | 157         | 174    | 142    | 9.95                         | 6.71   | 11.15  | 2.25                       | 1.53   | 5.23   |                      |        |        |
| CZ033 | 2.65       | 150         | 145    | 151    | 5.98                         | 4.83   | 7.17   | 2.52                       | 1.33   | 2.95   |                      |        |        |
| CZ034 | 0.77       | 134         | 138    | 111    | 7.20                         | 7.74   | 12.30  | 11.03                      | 11.18  | 11.07  |                      |        |        |
| CZ035 | 0.76       | 143         | 140    | 147    | 13.59                        | 15.37  | 11.82  | 4.43                       | 2.13   | 1.51   |                      |        |        |
| CZ036 | 1.01       | 149         | 147    | 113    | 15.99                        | 10.22  | 22.62  | 6.93                       | 3.38   | 3.17   |                      |        |        |
| CZ037 | 1.57       | 136         | 119    | 101    | 10.59                        | 11.54  | 24.47  | 3.20                       | 4.62   | 8.44   |                      |        |        |
| CZ038 | 0.77       | 152         | 164    | 135    | 5.10                         | 3.67   | 7.19   | 9.18                       | 7.65   | 8.90   |                      |        |        |
| CZ039 | 1.70       | 159         | 166    | 141    | 11.53                        | 9.14   | 12.84  | 7.06                       | 6.75   | 8.78   |                      |        |        |
| CZ040 | 0.97       | 137         | 148    | 111    | 1.90                         | 42.10  | 25.23  | 0.40                       | 13.60  | 8.11   |                      |        |        |
| CZ041 | 1.38       | 116         | 135    | 122    | 22.73                        | 19.51  | 25.99  | 19.74                      | 11.17  | 11.01  |                      |        |        |
| CZ042 | 0.65       | 130         | 138    | 130    | 16.13                        | 11.20  | 17.73  | 1.79                       | 1.60   | 0.71   |                      |        |        |
| CZ043 | 1.38       | 146         | 150    | 160    | 15.33                        | 8.87   | 14.15  | 15.09                      | 13.73  | 7.80   |                      |        |        |
| CZ044 | 1.37       | 177         | 185    | 185    | 7.21                         | 6.92   | 8.63   | 13.04                      | 11.03  | 7.11   |                      |        |        |
| CZ045 | 1.83       | 136         | 143    | 132    | 12.28                        | 10.04  | 13.00  | 11.42                      | 13.89  | 4.48   |                      |        |        |
| CZ046 | 0.96       | 151         | 145    | 135    | 10.70                        | 12.65  | 11.56  | 15.10                      | 18.58  | 12.89  |                      |        |        |
| CZ047 | 2.14       | 146         | 132    | 128    | 11.89                        | 16.80  | 16.12  | 1.64                       | 1.20   | 0.41   |                      |        |        |
| CZ048 | 0.85       | 166         | 175    | 164    | 4.56                         | 2.58   | 3.79   | 4.46                       | 2.49   | 1.38   |                      |        |        |
| CZ049 | 3.24       | 195         | 202    | 162    | 1.97                         | 1.10   | 1.43   | 3.81                       | 5.99   | 5.71   |                      |        |        |
| CZ050 | 0.85       | 160         | 163    | 156    | 8.12                         | 8.33   | 9.17   | 5.85                       | 9.82   | 6.88   |                      |        |        |

<h nt="CZ" nr="CZ012">

<S>

<A> hello <first name of interviewee> nice to meet you what're you going to speak about then </A>

<B> pleasure to meet you as well I'd like to talk about two countries that I visited or have visited in my life . that have had great influence on me personally and and (er) especially in two aspects (mm) mainly the underwater wildlife that I saw there . (er) and also in case of Egypt . one of the countries that I wanna talk about . (er) the th= the[i:] ancient history that that sort of oozes into you when you when you you know </B>

<A> (mhm) </A>

<B> . walk around the place a little <starts laughing> bit <stops laughing> </B>

<A> (mhm) </A>

<B> (erm) . so (er) ever since I was a really small child (erm) me and my dad and and my family we used to . (er) travel to Croatia every now and then that's the second country that I'd like to talk about an= and that's where . my sort of passion for for snorkelling and diving in general started and I was always fascinated with . (er) the underwater wildlife which at that time was very rich . (er) in Croatia . (erm) . and . it's similar in Egypt and it's a it's a sort of a . next step in in my diver's career . (er) because I took I took a course in diving (er) a few years ago . (er) and before that I only used to snorkel a= around Croatian coast the islands . just watching the underwater wildlife, hunting for shellfish and . and stuff like that just collecting . (er) which was all very nice and fine but over the years as as you know the environment's getting worse and worse . (er) especially the sea (er) that can very well be seen . a= at the bottom of the sea because you know the life became more scarce and scarce up until . there was almost nothing ou= out there just you know rocky bottom . (er) nothing to spot at all not even fish . (er) or algae . (er) so (er) diving was a big step because when you go further an= and deeper (er) it's just it's just nicer . (er) and there's a lot of coral fish an= an= and everything going on colours . (er) and it's exciting and at the same time really soothing and calm . calming because you know you're just swimming down there . (er) twenty metres below the surface of the water . you can't do anything: rash you have to keep calm . (er) and just peaceful and observe the things and you can't provoke the animals . so it's in a way like a walk in a forest . except of course you're breathing compressed air . and you're underwater . (er) which is exciting and and Egypt was was a big step forward in that in that respect because the water in in: the Red Sea is much . much warmer (er) than the rest of the waters . that're (er) reachable a= around Europe so when we went there . (erm) I was excited and it was it was awesome because we saw a lot of underwater wildlife colourful fish . (er) and we

took lots of photos and I even saw a shark . (er) . which was exciting (er) and and there's a nice story . (er) connected to it because mostly when I say that that we . we saw a shark . everybody's sort of horrified at the notion of of you know being in water and . and having sharks or a shark . swimming around you . but then (er) I just remember that we came to a spot where . (er) we were we were supposed to jump into water and go for go for a dive . (er) with a number of other ships . and then someone as we were getting into our gear someone said . look there's a shark out there . and then you . m= might probably expect people you know just to . (er) . sort of be afraid and not not wanna go into water but . you know everybody being divers . where where we wanna see the shark . everybody wanted to jump in and we did as well so we took a nice photo of the shark and . and that's probably the nicest experience I've had from that . (er) </B>

<A> what kind of shark was it </A>

<B> it was . probably just a small . kind of a reef shark <overlap /> either black-tipped </B>

<A> <overlap /> right </A>

<B> or white-tipped . I'm not sure what kind because he: really kept his distance . (er) for one thing the water there was kinda cold for sharks to come up at that time of year . and the other thing was that that it (er) the shark was probably quite young and just curious . about what was happening . not really . aggressive or hungry or anything <overlap /> else </B>

<A> <overlap /> perhaps even scared of you </A>

<B> yeah yeah well as most most of the other animals there are anyway so . yeah it was just exciting and nice to see the animal that you only see in movies . (er) . out there in the wild </B>

<A> and you all came out of the water again </A>

<B> . yeah yeah safely safely and and . yeah the only downside to that dive was that we: me and my brother cos you always need to go (er) . diving in a pair so that you have a buddy to check over you </B>

<A> (mhm) </A>

<B> . (er) me and my brother stayed underwater for like ten or fifteen minutes . waiting for the rest of the group . at about . ten metres of depth . (er) watching the shark which was fine . (er) but spending too much air . (er) while waiting for the others . (er) but other than that it was (er) it was an awesome experience . you know </B>

<A> . what's the most exciting thing you've ever seen under the water </A>

<B> well the shark . for one <overlap /> thing (er) and and also (er) . when we took </B>

<A> <overlap /> that's it yeah </A>