**Social gesture and speech coding manual**

*created by*: Anjana Lakshmi, Efe Dogruoz, Lev Copelan, Joanna Zeng, Mufeng Li

*last updated*: January 7, 2022

The purpose of this analysis is **<blind>**

**Iteration 2: Utterance Dimension**

1. **Summary of ELAN tiers:**

At the time of this iteration, you will have completed annotations in the UTTERANCE PRESENCE tier in the file titled “Participant\_Number\_VC1\_ForVerbal”. You will annotate for the next speech-related tier in this iteration. It will be referred to as UTTERANCE DIMENSION.

1. **Reliability strategy:**

Two coders will annotate all of the utterances marked “Yes” in the UTTERANCE PRESENCE tier. Only tiers with 2-coder agreement will be gesture coded.

1. **Description of ELAN tiers:**

UTTERANCE PRESENCE

**Possible values (1):** Yes

**Description:** This tier will inform you of utterance units that you will annotate for utterance dimensions.

UTTERANCE DIMENSION

**Possible values (13)**:

1 (HW)

2 (LW)

3 (HC)

4 (LC)

1S (HW -S)

2S (LW -S)

3S (HC -S)

4S (LC -S)

17 (Complexity)

18 (Other Social Content)

19 (Ambiguity)

**Description**: This tier is for annotating the category / dimension of relevant verbal utterances as per the warmth-competence dictionary – only to the extent that you agree with it.

*Please read these definitions carefully – read them regularly – atleast once for every time you sit down to code:*

* + *Warmth may be defined as how friendly and trustworthy a social group may be considered by society.*
  + *Competence may be defined as how capable and confident a social group maybe considered by society.*

**For each utterance to be coded, first consider what you think the utterance refers to – high / low warmth, high / low competence or some other social content. It does not matter if the participant appears to be unsure or vague in the utterance (eg., “Some may be seen as warm”); if they are using a word that aligns with a specific dimension code it as such.** Then look up words in the utterance, in the dictionary. There are 5 categories of annotations you may choose from:

1. Code as 1 through 4 if you agree with the dictionary – this could be because you completely agree with the dictionary or because you don’t exactly agree with it, but would have come to the same conclusion as the dictionary nevertheless. HC = High Competence for example and LW = Low Warmth. We refer to this as an “objective” annotation.
2. Now, see if you STRONGLY disagree with the dictionary for any reason. If you disagree with the dictionary but also have a STRONG *subjective* opinion about what it is instead, enter as codes 1S through 4S based on your *subjective* opinion and NOT the dictionary (the S here stands for “subjective” annotation.

To be systematic about subjective opinion, try to capture the annotation into one word (for example “they only look at what’s best for themselves” could mean “self-serving” to you). Then, look up that word in the dictionary, to mark as 1S through 4S, enter the word in comment.

**Quick notes about (1) and (2):**

* **If the participant uses a warmth word while responding to competence or vice-versa**, annotate as 19 (Ambiguity) – leave the code **“E0”** in the comments tier.
* Different conjugations or variations of the same word count as objective ("love", "loves", "loved"; “narcissistic”, “narcissist”, “narcissism”) all objective). However, if the utterance does not map EXACTLY to the definition that is in the dictionary, code as subjective: 1S through 4S (e.g., "reformative" vs. "reform", "needs to be helped" vs. "needs help").
* Words have different meanings depending on context, and the dictionary may not always capture the meaning you are looking for. For example, the word "negative" can be LW in "I had negative interactions with homeless people”, but have no obvious dimension in "That would work negatively in their favor".
* Some clues you can pay attention to in agreeing/disagreeing with the dictionary is what is being said in surrounding utterances and what argument the participant is trying to support in the current utterance, though none of these will be exhaustive alone.

1. If you STRONGLY disagree with the dictionary but do NOT have a strong/clear *subjective* opinion about what it may be, annotate as 19 (Ambiguity) and leave comment.
2. If the annotation seems to map onto complex dimensions, (eg: high warmth but also low competence), mark as 17 (Complexity) if you agree with the dictionary and mark as 1S through 4S if you do not (and have a STRONG opinion about what it may be). Make sure to leave comment.
3. If the words appear under dimensions other than warmth / competence in the dictionary (for example, appearance, health, beliefs, geography, sexual orientation, category membership such as group names), mark as 18 (Other Social Content).

Not often, you may encounter some surprising annotations. Use the instructions in the **following pages** to make your decision.

* **If the dictionary refers to both high and low on the same dimension** (for example, HW as well as LW):
  + - If you do not have a strong *subjective* opinion about it, mark as 19 (Ambiguity) and leave comment.
    - If you have a STRONG opinion, mark as 1S through 4S.
    - No matter what, leave the code “**E1**” in the comments tier.
* **If there is negation involved** (for example if high warmth is mentioned but only to say they are not high warmth):
  + - If the negation is made within the same utterance, accept the negation and mark as 1 through 4 (eg. “A is not warm” will be marked as 2 (LW) and not 1 (HW)).
    - If the negation is made in a different utterance, mark as 19.
    - No matter what you decide, leave the code “**E2**” in comments.
* **If there is a comparison involved**
  + - If it is a comparison between two groups ("teachers are warmer than parents"), code according to the SUBJECT of the sentence or the group that is mentioned first. That example would be HW. Leave the code **“E3a”** in comment. Also, check if this is also coded as “yes” in comparative utterance – flag to team if not.
    - If the comparison is not of two groups but of two values of a dimension or two different dimensions (“they respond from their heart and not their ego” or “they respond from their heart and not their head”) consider the gist of what the P is trying to say and mark 1S through 4S (these examples would be HW-S). Leave the code **“E3b”** in the comments tier.
* **If there is equality involved**:
  + - If the direction is made clear within the same utterance, mark as 1 through 4 (eg. “A and B are equally warm”)
    - If the direction is only made clear in a previous or subsequent utterance, mark as 1S through 4S.
    - If the direction is not clear at all, mark as 19.
    - No matter what you decide, leave the code **“E4a”** in comments.
* **If there is inequality involved but it is hard to annotate it as one magnitude of a dimension (“men and women are not seen as equally competent”)**:
  + - Mark as 19.
    - Leave the code **“E4b”** in the comments tier.
* **If warmth or competence is mentioned as a construct but it is not made explicitly clear whether it is being used to refer to high or low on the dimension:**
  + - Mark as 1S or 3S (high warmth or competence - subjective).
    - Leave comment **“E4c”** in the comments tier.
* **If there is correction involved:**
  + - If the participant makes a correction within an utterance – for example, “you basically can’t never trust a politician” (wherein “never” is a correction for “can’t” – otherwise this statement makes no sense), mark that as 1S through 4S, choosing a number dependent on whether or not you agree the dictionary. Code as 19 if unsure. For example, “you basically can’t never trust a politician” would be coded as LW-S. Leave the code **“E5”**.
* **If the words do not appear in the dictionary:**
  + - If you have no *strong* opinions, do not mark.
    - If you feel CERTAIN that there is warmth or competence content the dictionary is not capturing, mark as 1S : 4S. Leave comment. Be very selective with this one because unless it is explicit enough, this will generate reliability errors.
    - Competence and status are highly correlated (as are warmth and competition). If a word does not load as a competence word in the dictionary and based on subjective opinion, you are unsure of whether this is competence or status (words like successful, rich, having a difficult job, admirable, achievements etc…), mark as 1S through 4S and *in comment, enter “status” or “competition” respectively*.
    - No matter what, leave the code **“E6”** in the comments tier.
* **If the words / phrases in the same utterance point to different dimensions** 
  + - If you have no *strong* opinions, do not mark.
    - If you have a STRONG opinion about both words – say you are certain there is a high-competence and a high-warmth word or phrase within the same annotation, do not alter iteration 1, but feel free to create two child-annotations at iteration 2. Mark as 1S through 4S for each. Let me know if this happens often.
    - If you have a STRONG opinion one of the words or phrases being focal to the utterance and not the other, try to capture that phrase in a word and look up that word in the dictionary. Code as 1S through 4S. Enter the word in comment.
    - No matter what, leave the code **“E7”** in the comments tier.
* **If some words in an utterance map to complex dimensions and others map to a single one**, for example something like: "it takes more rigorous study, rigorous education... you know, more knowledge about science and physics" (in this case, “rigor" and "rigorousness" map onto both C and W)
  + - See if the utterance that maps to a single dimension is able to convince you on the dimension of the more complex-dimensioned utterance. For example, education / knowledge may cause you to understand rigor as competence rather than warmth. If it does mark as 1S through 4S.
    - Else leave as 19 (Ambiguity).
    - No matter what, leave the code **“E8”** in the comments tier.
* **If the participant is using especially indirect language that does not easily map to W or C** (objective or subjective), but still seems to be implying a general sentiment, OR if the participant coins an unusual phrase that seems to imply a dimension of W or C (E.g., "Religious people tend to be on the extreme" to imply low warmth), but the word is not in the dictionary, code as 19 (Ambiguity). Leave the code **“E9”** in the comments tier.
* **If the participant is expressing her own hopes or opinions** ("I personally would view them as warm" / “I hope they’d see them as competent”) code as if they were talking about society's opinion (1 through 4 or 1S through 4S or 17 / 18 / 19 as needed). If the opinion is implied but NOT explicit, do not code. For example:
  + - Even though I would personally view them as warm % (code as HW)
    - Even though I would, personally (implying warmth here). % (DO NOT CODE!)
    - No matter what, leave the code **“E10”** in the comments tier.
* **Special note on the word “help”!** Mark as HW if the participant is referring to an **intention** to help. Everything else is to be marked subjective / complexity / ambiguity. This is because someone who is **able** to help may be just HC or both HC and HW; And when Ps speak of someone who needs help, they may be indicating low competence but also high warmth (pitied others are seen as low competence high warmth). Leave the code **“E11”** in comment.

1. **Additional Notes:**

* **When it comes to *subjective* opinions, only code what you are clear / certain / feel very strongly about. Feel free to mark as ambiguity, any unclear or uncertain content, or anything that is too nuanced or complicated. Removing ambiguities and clutter will help the study!**
* **If you have trouble hearing / understanding a participant, try increasing or reducing audio speed to obtain better clarity.**
* **Whenever you mark an annotation with your *subjective* opinion or mark an annotation as an *ambiguity*, leave a comment. All comments go into a single VC2 comments tier.**
* Once completed, save ELAN file as “<ParticipantID>\_VC2\_<CoderID>”. **Please make doubly sure you have named this right. Also please make double sure you do not load this file into a shared folder – load it onto your individual folder.**