**Contact and Perspective Taking Improve Humanness Standards and Perceptions of Humanness of Older Adults and People with Dementia: An Experimental Study**

**SUPPLEMENTAL MATERIALS**

**Table 1. Human Nature Standards Scale**

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| **Agency** |
| For you to consider that an individual with dementia has lost personhood, how often would they have to have difficulty making changes in their lives based on information they receive from others? |
| For you to consider that an individual with dementia has lost personhood, how often would they have to have difficulty initiating and carrying out an interesting engaging conversation? |
| For you to consider that an individual with dementia has lost personhood, how often would they have to have difficulty initiating activities or proposing changes in his or her life or the lives of others? |
| For you to consider that an individual with dementia has lost personhood, how often would they have to have difficulty making decisions about his or her own life? |
| **Cognitive Openness** |
| For you to consider that an individual with dementia has lost personhood, how often would they have to have difficulty expressing or experiencing curiosity about new things? |
| For you to consider that an individual with dementia has lost personhood, how often would they have to have difficulty showing imagination? |
| For you to consider that an individual with dementia has lost personhood, how often would they have to have difficulty being open to new ideas? |
| For you to consider that an individual with dementia has lost personhood, how often would they have to have difficulty wanting to learn new things? |
| **Emotional Responsiveness** |
| For you to consider that an individual with dementia has lost personhood, how often would they have to not feel sympathy when somebody close to them is in distress? |
| For you to consider that an individual with dementia has lost personhood, how often would they have to have difficulty displaying appropriate emotions when somebody close to them is in distress? |
| **Interpersonal Warmth** |
| 24. For you to consider that an individual with dementia has lost personhood, how often would they have to have difficulty showing warmth toward close others? |
| 26. For you to consider that an individual with dementia has lost personhood, how often would they have to have difficulty showing love or positive feelings toward close others? |

*Note:* The numerical scale for these scale items was: 1**=** 0% to 10% of the time; 2=11% to 20% of the time; 3=21% to 30% of the time; 4=31% to 40% of the time; 5=41% to 50% of the time; 6=41% to 50% of the time; 7=51% to 60% of the time; 8=61% to 70% of the time; 9=71% to 80% of the time; 10=81% to 90% of the time; 11=91% to 100% of the time.

**Table 2. Human Uniqueness Standards Scale**

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| **Memory** |
| For you to consider that an individual with dementia has lost personhood, how often would that individual have to have difficulty identifying a friend or family member? |
| For you to consider that an individual with dementia has lost personhood, how often would that individual have to have difficulty remembering events from their past? |
| For you to consider that an individual with dementia has lost personhood, how often would that individual have to be confused about the time (month, day, or time of day) or the place (where the person is and how she or he got there)? |
| **Maturity** |
| For you to consider that an individual with dementia has lost personhood, how often would that person have to have difficulty feeding, dressing, or toileting/bathing himself or herself? |
| For you to consider that an individual with dementia has lost personhood, how often would that individual have to be experiencing difficulty performing a familiar task? |
| For you to consider that an individual with dementia has lost personhood, how often would that individual have to have difficulty following a conversation? |
| **Moral Sensibility** |
| For you to consider that an individual with dementia has lost personhood, how often would that individual have to have difficulty distinguishing between right and wrong? |
| For you to consider that an individual with dementia has lost personhood, how often would that individual have to lie or engage in other socially unacceptable activities without feeling guilty or remorseful? |
| For you to consider that an individual with dementia has lost personhood, how often would that individual have to steal or engage in other illegal activities without feeling guilty or remorseful? |
| **Emotion Regulation** |
| For you to consider that an individual with dementia has lost personhood, how often would that individual have to have difficulty controlling negative moods or emotions? |
| For you to consider that an individual with dementia has lost personhood, how often would that individual have to have difficulty enjoying normal everyday activities (i.e. eating, sleeping, sexual activity)? |
| For you to consider that an individual with dementia has lost personhood, how often would that individual have to have difficulty experiencing happiness, sadness, anger, fear, or disgust? |
| For you to consider that an individual with dementia has lost personhood, how often would that individual have to have difficulty experiencing complex emotions, like embarrassment? |
| **Cognitive Ability** |
| For you to consider that an individual with dementia has lost personhood, how much memory loss would that individual have to be experiencing?\* |
| For you to consider that an individual with dementia has lost personhood, how often would that individual have to experience difficulty concentrating on a simple task? |
| For you to consider that an individual with dementia has lost personhood, how often would that individual have to experience problems making simple decisions? |

*Note:* The numerical scale for these scale items was: 1**=** 0% to 10% of the time; 2=11% to 20% of the time; 3=21% to 30% of the time; 4=31% to 40% of the time; 5=41% to 50% of the time; 6=41% to 50% of the time; 7=51% to 60% of the time; 8=61% to 70% of the time; 9=71% to 80% of the time; 10=81% to 90% of the time; 11=91% to 100% of the time. \*The numerical scale for this scale item was: 1=0% to 10% memory loss; 2=11% to 20% memory loss; 3=21% to 30% memory loss; 4=31% to 40% memory loss; 5=41% to 50% memory loss; 6=41% to 50% memory loss; 7=51% to 60% memory loss; 8=61% to 70% memory loss; 9=71% to 80% memory loss; 10=81% to 90% memory loss; 11=91% to 100% memory loss.