

# Catalogue

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# Questionnaire

## Test Instructions

We have constructed a value-driven decision-making model for complex environments. The input to the model consists of six value dimensions:

We hope the experimenters fill in the questionnaire. We ensure that the questionnaire is filled anonymously, and the obtained data is only used to test the generalization effect of the model in the home environment, without commercial use.

- Curiosity:

An intrinsic desire for knowledge about the world around us. It motivates individuals to actively seek new information and experiences, expanding their understanding of things and enriching their perspectives through exploration. People with high curiosity tend to: actively seek knowledge, bravely explore unknown areas, ask questions to deepen understanding, maintain an open mind, and accept new and diverse views.

- Energy:

The pursuit and satisfaction of physiological energy needs, including food, water, air, sleep, and exercise. It means striving for enough energy to maintain physical and mental health. People with high energy needs tend to: maintain a healthy diet, ensure adequate hydration, secure enough and quality sleep, engage in moderate exercise, and breathe fresh air regularly.

- Safety:

The concern for one's physical and psychological health and the need for stability and predictability in one's environment. This value dimension triggers actions to ensure personal safety, stability in life, and protection from pain, threats, and illnesses, as well as safeguarding personal property. People with high safety needs tend to: maintain physical safety measures, cultivate and maintain mental health, seek stable living conditions, plan for emergencies, and protect personal property.

- Happiness:

A desire for positive emotions and a sense of fulfillment. It drives actions that bring joy, including cultivating positive relationships, achieving personal goals, and enjoying pleasant activities. Happiness manifests in the real world as pleasure and satisfaction with life. People

with high happiness tend to: pursue positive emotions, establish meaningful relationships, strive towards personal goals, seek enjoyment and entertainment, and cultivate a sense of accomplishment.

- **Intimacy:**

Emphasizes deep connections and emotional resonance in various relationships, including family, friendship, romantic, and subordinate relationships. It reflects actions taken to achieve mutual support, understanding, and shared experiences. In the real world, intimate relationships provide warmth and support, promoting individual psychological health and well-being. People with high needs for intimacy tend to: share thoughts, feelings, and experiences, provide support and understanding, willingly share personal privacy, engage in positive and meaningful communication, and pursue a sense of belonging.

- **Fairness:**

Reflects an individual's pursuit of justice and equality. It motivates actions to create fair and equal conditions in the real world, including actions to ensure fair treatment in social and organizational environments. The goal is to ensure that every individual has equal opportunities and rights. People who highly value fairness tend to: respect equal rights and treatment, promote fair opportunities for everyone, participate in promoting equal decision-making, and treat others justly and fairly.

## Simulation Test

Before addressing specific questions, there is a simulation test to help you understand the specific format of the test.

Please rate your attention to the six value dimensions in your daily life. Ratings are on a scale from 0 to 1, with higher scores indicating greater attention to the value dimension.

- **A. Curiosity:**
- **B. Energy:**
- **C. Safety:**
- **D. Happiness:**
- **E. Intimacy:**
- **F. Fairness:**

Below are three simulation test questions below. Please bring the first-person perspective into the following scene. What actions do you tend to choose in this scene ?

Please fill in the form below each question.

The first step, for each action, please give what you think the value dimension of the action is.

( Please type ✓ in the corresponding column, if you think it contains other value dimensions please fill in the rightmost column ).

Examples of other value dimensions :

1.Responsibility : Taking the initiative to pick up waste paper falling on the ground and throw it into the trash can may be a test of responsibility

Quantity.

2 Ambitiousness : choosing to read at home on a good weekend may be out of ambition.

Quantity.

3 Authority : forcing children to do something may be out of the consideration of maintaining their own family authority.

Etc.

eg.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           | ✓      |        |           |          | ✓        |                        |

The second step is to prioritize each action in the ' action selection ' according to your willingness to choose, or the possibility of you making the action from high to low. ( Blank box to fill in each action before the corresponding serial number 1234... )

( Note : Different actions are selected for the parallel occurrence relationship in the same scene, and do not arrange in the order of the occurrence time in the scene )

| willingness to choose | 1 | 2 | 3 | 4 | ... |
|-----------------------|---|---|---|---|-----|
| Action number         |   |   |   |   |     |

**Q1:**

**Scenario:** You ' re a teenager sitting at a table surrounded by books, paper, and a few unfinished model airplanes. B is your cousin from another city, sitting cross-legged on the mat obsessed with watching a fantasy novel, he has maintained the position to read for two hours. On the other side of the room, your

brother C is sorting through a pile of old photo albums found in the attic. You see the sun filtering in through the blinds and shining on a dusty antique globe in the corner.

**Action List:**

1. You go to the photo album with C and talk to him about the people and stories in the photo.

|           |        |        |           |          |          |                        |
|-----------|--------|--------|-----------|----------|----------|------------------------|
| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|           |        |        |           |          |          |                        |

2. Out of curiosity, you pick up the globe in the corner, gently rotate it, thinking about its origin.

|           |        |        |           |          |          |                        |
|-----------|--------|--------|-----------|----------|----------|------------------------|
| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|           |        |        |           |          |          |                        |

3. You carefully check the model aircraft, pick up an unfinished start, trying to figure out the mechanical structure.

|           |        |        |           |          |          |                        |
|-----------|--------|--------|-----------|----------|----------|------------------------|
| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|           |        |        |           |          |          |                        |

4. You think that sedentary is not good for B 's health, you suggest him to take a rest and walk out.

|           |        |        |           |          |          |                        |
|-----------|--------|--------|-----------|----------|----------|------------------------|
| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|           |        |        |           |          |          |                        |

|                       |   |   |   |   |
|-----------------------|---|---|---|---|
| willingness to choose | 1 | 2 | 3 | 4 |
| Action number         |   |   |   |   |

**Q2:**

**Scenario:** You are a middle-aged man at home, and your two children B and C are about 14 and 12 years old respectively. On a lazy sunny afternoon, you suggest the kids do a big puzzle together before buying. This jigsaw puzzle depicts a nostalgic beach painting that evokes memories of your childhood in a lakeside

cottage in your hometown. Although jigsaw puzzles are not a favorite hobby of B and C, they decided to follow your advice.

**Action List:**

1. You can 't help but begin to tell a warm story about the family lake house in the jigsaw puzzle set in your childhood.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

2. In order to make sure everyone is involved, you divide the puzzle pieces evenly between yourself and your child to stimulate motivation.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

3. You decide to call your elderly mother, tell her about the ongoing activities, and deliberately pass the phone to your children to talk to their grandmother.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

4. You are touched by the beach in the puzzle, intending to travel to the beach on the weekend.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

|                       |   |   |   |   |
|-----------------------|---|---|---|---|
| willingness to choose | 1 | 2 | 3 | 4 |
| Action number         |   |   |   |   |

**Q3:**

**Scenario:** On a cold winter afternoon, you are a single father, with your two children B and C at home. B is a creative teenager who is drawing a canvas. C is a lively young child, jumping up and down on the sofa.

Despite the heavy work, you are still attracted by the children 's play. Your eyes switch back and forth between the rich colors of B 's canvas and C 's infinite energy.

#### Action List:

1. In order to spend more time with the children, you choose to end the day early.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

2. For the sake of children 's health, you decide to prepare a healthy and balanced dinner.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

3. You start a relaxing exercise program at home and encourage your kids to join.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

4. In order to make C don 't fall, you go to fix the sofa feet.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

| willingness to choose | 1 | 2 | 3 | 4 |
|-----------------------|---|---|---|---|
| Action number         |   |   |   |   |

## Formal Test

Presumably you already know how to test. Here is a formal test with 11 questions.

Please re-score yourself on the importance of the six value dimensions in daily life.

Scoring is an arbitrary constant between 0 and 1. The higher the score, the higher the emphasis on the value dimension.

Please rate your attention to the six value dimensions in your daily life. Ratings are on a scale from 0 to 1, with higher scores indicating greater attention to the value dimension.

- A. Curiosity:
- B. Energy:
- C. Safety:
- D. Happiness:
- E. Intimacy:
- F. Fairness:

Below are 11 formal questions, please finish them in the same requirements as before.

Q1:

**Scenario:** You are a 20-year-old college student. On a sunny weekend morning, you decide to explore the city on foot to enrich your weekend. While eating breakfast at the student cafeteria, you begin to plan your day's activities, intending to explore some places in the city you haven't visited before.

**Action list:**

1. You plan to first go to an online library to collect e-books about the city's development history, so you can have a basic understanding of the city before exploring.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

2. You are hesitant about exploring unknown corners of the city and think it is better to stick to visiting main and officially recommended attractions to avoid unnecessary trouble.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

3. You plan to try a mobile app to experience the city's new AR historical guide application, exploring the city in a different way through virtual reality technology.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |



4. You plan to sneak into an old abandoned building in the suburbs, which has been mentioned in urban legends about ghost stories, for a night exploration.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

|                       |   |   |   |   |
|-----------------------|---|---|---|---|
| willingness to choose | 1 | 2 | 3 | 4 |
| Action number         |   |   |   |   |

## Q2:

**Scenario:** You, B, and C are university roommates. The dorm is usually messy, and no one cleans the common space. Last week, during the routine dormitory cleanliness inspection, you were warned by the dormitory administrator. At this moment, the three of you are seriously discussing how to distribute household chores in the future, with a whiteboard at the door displaying the categories of chores you just listed.

### Action list:

1. To prevent 'free-riding', you seriously propose to establish a detailed schedule for household chores and assign tasks to each person.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

2. To prevent omissions, you suggest that everyone think about whether the table listed on the whiteboard fully includes all the chores.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

3. You think it is unnecessary to assign chores too specifically since you are roommates living together, so you suggest that everyone just do their chores as they go, reminding each other when someone has time.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

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|--|--|--|--|--|--|--|

4. You don't want to make things too complicated and propose to decide the assignment of chores by rolling dice.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

5. You suggest that it's not a big deal and not to be too serious; proposing to go out for dinner together while discussing the distribution of chores.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

| willingness to choose | 1 | 2 | 3 | 4 | 5 |
|-----------------------|---|---|---|---|---|
| Action number         |   |   |   |   |   |

### Q3:

**Scenario:** You, A, and B are a family living together in a suburban area of a quiet town. On the weekend, the three of you are relaxing at home, listening to soft music, enjoying the tranquility of the afternoon. The sun is shining outside, leaves gently swaying, a breeze passing by, creating a relaxed and pleasant atmosphere. You are sitting on the living room sofa, exchanging your moods and recent trivialities.

#### Action list:

1. To enhance family intimacy, you suggest playing a simple riddle game together.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

2. You feel this weekend should be about relaxation, so you suggest preparing some snacks and watching a light-hearted comedy movie together.

| curiosity | energy | safety | happiness | intimacy | fairness | other value |
|-----------|--------|--------|-----------|----------|----------|-------------|
|-----------|--------|--------|-----------|----------|----------|-------------|

|  |  |  |  |  |  |                   |
|--|--|--|--|--|--|-------------------|
|  |  |  |  |  |  | <b>dimensions</b> |
|  |  |  |  |  |  |                   |

3. You think it's a good opportunity to do some housework during the weekend rest time, such as cleaning the living room or organizing clutter, to make the home more tidy and comfortable.

|                  |               |               |                  |                 |                 |                               |
|------------------|---------------|---------------|------------------|-----------------|-----------------|-------------------------------|
| <b>curiosity</b> | <b>energy</b> | <b>safety</b> | <b>happiness</b> | <b>intimacy</b> | <b>fairness</b> | <b>other value dimensions</b> |
|                  |               |               |                  |                 |                 |                               |

4. You suddenly remember a fresh activity and suggest going for a walk in the nearby park together, breathing fresh air and relaxing.

|                  |               |               |                  |                 |                 |                               |
|------------------|---------------|---------------|------------------|-----------------|-----------------|-------------------------------|
| <b>curiosity</b> | <b>energy</b> | <b>safety</b> | <b>happiness</b> | <b>intimacy</b> | <b>fairness</b> | <b>other value dimensions</b> |
|                  |               |               |                  |                 |                 |                               |

5. You suggest using this time to prepare lunch together, trying out some new dishes to enhance family bonding.

|                  |               |               |                  |                 |                 |                               |
|------------------|---------------|---------------|------------------|-----------------|-----------------|-------------------------------|
| <b>curiosity</b> | <b>energy</b> | <b>safety</b> | <b>happiness</b> | <b>intimacy</b> | <b>fairness</b> | <b>other value dimensions</b> |
|                  |               |               |                  |                 |                 |                               |

|                       |   |   |   |   |   |
|-----------------------|---|---|---|---|---|
| willingness to choose | 1 | 2 | 3 | 4 | 5 |
| Action number         |   |   |   |   |   |

#### Q4:

**Scenario:** You are in the kitchen adjusting the stove temperature, as dinner for your family is being cooked. B is your husband, tired from work, sitting idly in the kitchen. C is your daughter, focused on a complex school project she has been working on for a while. A severe storm has started outside.

#### Action list:

1. To help B relax, you go to talk to him and prepare a hot drink for him.

|                  |               |               |                  |                 |                 |                    |
|------------------|---------------|---------------|------------------|-----------------|-----------------|--------------------|
| <b>curiosity</b> | <b>energy</b> | <b>safety</b> | <b>happiness</b> | <b>intimacy</b> | <b>fairness</b> | <b>other value</b> |
|------------------|---------------|---------------|------------------|-----------------|-----------------|--------------------|

|  |  |  |  |  |  |                   |
|--|--|--|--|--|--|-------------------|
|  |  |  |  |  |  | <b>dimensions</b> |
|  |  |  |  |  |  |                   |

2. To prevent accidents from the storm, you check all doors and windows to ensure they are securely locked.

|                  |               |               |                  |                 |                 |                               |
|------------------|---------------|---------------|------------------|-----------------|-----------------|-------------------------------|
| <b>curiosity</b> | <b>energy</b> | <b>safety</b> | <b>happiness</b> | <b>intimacy</b> | <b>fairness</b> | <b>other value dimensions</b> |
|                  |               |               |                  |                 |                 |                               |

3. To prevent your daughter from being disturbed by the noise of the stove, you close the kitchen door.

|                  |               |               |                  |                 |                 |                               |
|------------------|---------------|---------------|------------------|-----------------|-----------------|-------------------------------|
| <b>curiosity</b> | <b>energy</b> | <b>safety</b> | <b>happiness</b> | <b>intimacy</b> | <b>fairness</b> | <b>other value dimensions</b> |
|                  |               |               |                  |                 |                 |                               |

4. To provide some suggestions and help, you discuss the project with C.

|                  |               |               |                  |                 |                 |                               |
|------------------|---------------|---------------|------------------|-----------------|-----------------|-------------------------------|
| <b>curiosity</b> | <b>energy</b> | <b>safety</b> | <b>happiness</b> | <b>intimacy</b> | <b>fairness</b> | <b>other value dimensions</b> |
|                  |               |               |                  |                 |                 |                               |

5. To create a cozy atmosphere for dinner, you start setting the table.

|                  |               |               |                  |                 |                 |                               |
|------------------|---------------|---------------|------------------|-----------------|-----------------|-------------------------------|
| <b>curiosity</b> | <b>energy</b> | <b>safety</b> | <b>happiness</b> | <b>intimacy</b> | <b>fairness</b> | <b>other value dimensions</b> |
|                  |               |               |                  |                 |                 |                               |

6. Seeing C focused, you remind her to take a break and relax, joining you for dinner later.

|                  |               |               |                  |                 |                 |                               |
|------------------|---------------|---------------|------------------|-----------------|-----------------|-------------------------------|
| <b>curiosity</b> | <b>energy</b> | <b>safety</b> | <b>happiness</b> | <b>intimacy</b> | <b>fairness</b> | <b>other value dimensions</b> |
|                  |               |               |                  |                 |                 |                               |

|                       |   |   |   |   |   |   |
|-----------------------|---|---|---|---|---|---|
| willingness to choose | 1 | 2 | 3 | 4 | 5 | 6 |
| Action number         |   |   |   |   |   |   |

#### Q5:

**Scenario:** You are an enthusiastic middle school student interested in astronomy. B is your brother, a Ph.D. student, and C is your younger sister. It's holiday time, and all three of you are at home. You are casually lying on the living room sofa, flipping through an atlas; B is reading about aerodynamics, and C is preparing a smoothie. An unopened world map puzzle you just bought is on the table, and a computer next to the table displays a news article about breakthroughs in the field of astronomy discussing the possibility of life on an exoplanet.

#### Action list:

1. Looking at the world map on the table, you can't resist opening it and starting to puzzle.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

2. You propose to C to play a quiz game about the capitals of countries using the atlas, with B acting as the judge.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

3. Inspired by the article on the computer, you discuss with C whether you believe in the existence of extraterrestrial life.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

4. On a whim, you build a fort of chairs and blankets on the sofa, imagining it as a spacecraft headed to the planet.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

|  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|

|                       |   |   |   |   |
|-----------------------|---|---|---|---|
| willingness to choose | 1 | 2 | 3 | 4 |
| Action number         |   |   |   |   |

#### Q6:

**Scenario:** You are a high school student who has just moved to a new community. After school, you sit in your room feeling a bit bored. B, your younger brother, built a sophisticated treehouse with the help of C this morning. He is now happily playing with toys inside the treehouse, which is built very high, taller than your height. C, your neighbor, is a retired carpenter, sitting on his balcony drinking coffee, peacefully watching B play.

#### Action list:

1. To ensure the treehouse is sturdy and your brother is safe, you pick up a toolbox to check for any loose bolts and observe the branches to see if they are strong enough to support the treehouse.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

2. To alleviate your boredom, you decide to bring some toys and join your brother in the treehouse to play together.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

3. Curious about the interior structure of the treehouse, you decide to climb up and see how it is built.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

4. Seeing the exquisitely built treehouse, you become curious about C's career and start a conversation with him.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

|                       |   |   |   |   |
|-----------------------|---|---|---|---|
| willingness to choose | 1 | 2 | 3 | 4 |
| Action number         |   |   |   |   |

#### Q7:

**Scenario:** You and B are college students living together off-campus. One hot summer noon on a weekend, both of you are at home. You go to the kitchen to find something cool to drink, open the fridge, and pour the last bit of orange juice into your cup, eager to drink it to relieve the heat. Just as you are about to finish it, you realize it's the last bottle in the fridge and notice B looking at you.

#### Action list:

1. You get another cup and pour half the juice for B.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

2. You plan to pretend you didn't notice it was the last cup, drink it all now, and apologize verbally to B later.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

3. You plan to drink it all first, then as an apology, go out in the heat later to buy a few more bottles.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

4. You think it's just a cup of juice and not a big deal, so you drink it all and then go back to your activities.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

|  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|

5. You suggest playing rock-paper-scissors with B, where the winner gets the juice, to make the situation fair.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

6. You stop for a moment to think, then ask B if he wants to drink, and give the juice to him.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

| willingness to choose | 1 | 2 | 3 | 4 | 5 | 6 |
|-----------------------|---|---|---|---|---|---|
| Action number         |   |   |   |   |   |   |

#### Q8:

**Scenario:** You are a teenage boy living in a villa, currently using 3D modeling software in your room to create a digital model of a dinosaur skeleton for a school extracurricular research project, currently facing a bottleneck and unsure how to proceed. B is your father, a paleontologist, sitting at a desk across the room, focused on researching the latest discoveries in his field. C is your pet, a gentle Golden Retriever, comfortably curled up at B's feet on a cozy rug. Near the window in the room, workers are carrying in your family's newly purchased astronomical telescope, getting ready to set it up.

#### Action list:

1. Attracted by the telescope, you go over to join in the excitement, curiously asking the workers about how to operate the telescope.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

2. Deciding to shift your focus, you go to pet C, covering him with a blanket to keep warm.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |



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3. You decide to talk to B about the bottleneck in making the dinosaur model, hoping B can help open your mind.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

4. Deciding to shift your focus, you take C out to play fetch, hoping to breathe some fresh air and exercise.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

5. You decide to take a short nap, thinking you might just be too tired, and that waking up might bring new ideas.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

6. Deciding to shift your focus, you walk around the large house, checking to ensure all windows and doors are secure.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

|                       |   |   |   |   |   |   |
|-----------------------|---|---|---|---|---|---|
| willingness to choose | 1 | 2 | 3 | 4 | 5 | 6 |
| Action number         |   |   |   |   |   |   |

**Q9:**

**Scenario:** In a cozy family setting on a typical Thursday evening, you, B, and C, three members of the family, are discussing your weekend plans together. You really want to go see a movie, but B and C plan to do DIY

cooking and play indoor video games, respectively. You hope to negotiate a consensus to improve everyone's satisfaction with the plan.

**Action list:**

1. You plan to create a schedule for the weekend to see if there's enough time for all activities.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

2. You insist on going to see the movie and try to convince B and C by explaining how worthwhile the movie is.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

3. For fairness, you suggest that everyone vote on what to do over the weekend, each person voting for one other activity besides their own.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

4. To accommodate everyone's ideas, you start thinking about a suitable place that might allow for watching movies, cooking, and playing video games at the same time.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

5. You suggest that everyone go to their preferred places individually, without the entire family having to stick together.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

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|-----------------------|---|---|---|---|---|
| willingness to choose | 1 | 2 | 3 | 4 | 5 |
| Action number         |   |   |   |   |   |

#### Q10:

**Scenario:** You are a professional triathlete, just finished a grueling morning training session, and are both tired and hungry. You are thinking about what to eat for a post-training meal while scrolling through your phone. You suddenly come across a news article about a burglary that occurred in your residential area last night, the fourth such incident this month. Your brother B is currently curled up on the sofa watching a live football match.

#### Action list:

1. You decide to grill some lean meat as your meal, considering the protein and nutrition it provides.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

2. Just finished exercising, you decide to relax first, sitting on the sofa with B to enjoy the live broadcast of the football match and predict which team will win.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

3. You ask B to wait a moment from watching TV, discussing spending some money on a more advanced security door and adding security cameras.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

4. Suddenly feeling too tired to do anything, you decide to go to sleep right away to recover your strength.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

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| willingness to choose | 1 | 2 | 3 | 4 |
| Action number         |   |   |   |   |

### Q11:

**Scenario:** You are a 30-year-old sports enthusiast, currently enjoying a weekend morning with your wife and kids at your comfortable suburban home. While eating brunch, you plan to start a harmonious day and then prepare for a camping trip, discussing the camping plans while eating.

### Action list:

1. You encourage each family member to drink more water, focusing on their hydration.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

2. You suggest that the family engage in light stretching activities after eating, to prepare for camping.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

3. While discussing the details of the camping plans, you ensure every family member has a chance to speak.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

4. You reminisce about the last time your family went camping, recalling fun and precious moments.

| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|-----------|--------|--------|-----------|----------|----------|------------------------|
|           |        |        |           |          |          |                        |

5. You delegate the preparation of camping supplies, discussing and deciding on the division of labor fairly with everyone.

|           |        |        |           |          |          |                        |
|-----------|--------|--------|-----------|----------|----------|------------------------|
| curiosity | energy | safety | happiness | intimacy | fairness | other value dimensions |
|           |        |        |           |          |          |                        |

|                       |   |   |   |   |   |
|-----------------------|---|---|---|---|---|
| willingness to choose | 1 | 2 | 3 | 4 | 5 |
| Action number         |   |   |   |   |   |