A. Idea Quality

Metrics

- Domain-specific quality metrics
- Novelty
- Originality
- Creativity
- Feasibility
- Elaboration
- Conventional
- Completeness

Novelty of ideas
- The response breaks away from common solutions and offers truly unique perspectives.
- The response offers insightful solutions that haven't been explored before.
- The answer is infused with innovative and thought-provoking approaches.

Feasibility of ideas
- The response offers practical and attainable solutions.
- The response provides ideas feasible to execute.
- Ideas in the response can be realistically implemented.
- The response provides ideas that are realistic within the given context.

Applicability of ideas
- The response offers adaptable information readily applicable to various situations.
- The response provides a foundation easily tailored to specific needs and contexts.
- The response provides a versatile foundation for further exploration and application.

B. Idea Space

Metrics

- Quantity
- Diversity
- Evenness
- Depth

Breadth of knowledge - diversity of ideas
- The response presents a wealth of different approaches, ensuring a well-rounded perspective.
- The response showcases a broad spectrum of solutions, encouraging further consideration.
- The response offers a wide range of ideas, showcasing different perspectives and approaches.

Breadth of knowledge - sufficiency in number of ideas
- The response offers enough ideas to spark creativity and stimulate exploration.
- The response provides a sufficient starting point for productive brainstorming and problem-solving.

Breadth of knowledge - no redundancy between ideas
- The provided options are clearly distinct, avoiding redundancy and overlap.
- The suggestions cover a broad spectrum, encompassing various possibilities without being repetitive.

C. Impact of ideas on users

Metrics

- Inspiring
- Usefulness
- Surprise
- Task influence
- Helpfulness
- Satisfying
- Motivational
- Distractive

Perceived utility
- The suggestions are helpful for exploring different possibilities.
- The response is useful in the context of brainstorming ideas.
- This information helps to expand the scope of potential solutions.
- The response offers valuable input for exploring different approaches.

Promoting creative thinking
- The response prompts me to develop an approach I had not previously considered.
- The response stimulates me to explore new directions of solving the problem.
- The response sparks my curiosity to try out alternative solutions.
- The response encourages me to think of a new way to tackle the issue.

Impact on my ideation process
- The response questions my initial assumptions or beliefs, encouraging me to explore different viewpoints.
- The response influences my thought process, providing me with fresh perspectives and methods.

D. Social acceptance

Metrics

- Appropriateness
- Flexibility
- Value
- Realistic
- Acceptance

Research community
- The response directly tackles the current challenges identified by researchers in my field of study.
- The response meets the specific needs and goals of the research community of my interest.
- The response aligns with the current state of knowledge and ongoing research endeavors.
- The response closely corresponds with the latest research trends and priorities within the relevant research community.

Ethical consideration
- The response suggests approaches that align with widely accepted ethical principles.
- The response presents solutions that are unlikely to raise ethical concerns for most people.
- The response avoids solutions that could be seen as harmful or morally questionable.
- The response champions ethically sound approaches to the problem.

E. Human Alignment

Metrics

- Relevance
- Elaboration
- Fluency
- Understandability
- Repetitiveness

Specificity
- The response is rich in information and specific examples.
- The response offers concrete details and data to support its claims and arguments.
- The response lacks depth and specifics

Comprehensibility
- The response presents a structured and logical flow of information, aiding comprehension.
- The information is well-organized and easy to follow, making it clear and understandable.
- The provided information is clearly defined and avoids ambiguity, ensuring every point is precise.
- The details are clearly presented and easy to follow, even for complex topics

Relevancy
- The response aligns with the subject matter of my inquiry.
- The response answers the essence of my question.
- The response directly addresses my question.

Consistency
- The response presents coherent and consistent ideas, avoiding any conflicting perspectives.
- The response demonstrates a unified and well-integrated flow of thought, free of contradictions.
- The response clearly communicates ideas free of ambiguity, preventing any misinterpretations or contradictions.