Word List (Bias in Subject)

Jingyang Peng:

Target 1 = [“mathematics”, “chemistry”, “physics”, “robotics”, “medicine”]

Target 2 = [“Liberal Arts”, “history”, “literature”, “sociology”]

Attribute 1 = [“analytical mind”, “precision”, “methodical approach”, “discipline”, “excellence”, “creativity”, “resilience”, “innovation”]

Attribute 2 = [“empathy”, “leadership”, “eloquence”, “individualism”, “social consciousness”]

Wenyuan Shen:

Target 1 = [Mexico, Carlos Ramirez]

Target 2 = [United States, Sarah Thompson]

Target 3 = [China, Li Wei, Chinese]

Target 4 = [Nigerian, Aisha Mohammed, African ]

Target 5 = [Germany, Michael Jensen, German]

Target 6 = [Indian-American, Priya Patel]

Attribute 1 = [exceptional talent, mathematics, discipline, perseverance, analytical mind, structured environment, close-knit community]

Attribute 2 = [social issues, civic engagement, empathy, leadership, eloquence]

Attribute 3 = [discipline, academic achievement, work hard, focus on long-term goals]

Attribute 4 = [specializing in computer science, creativity, resilience, break traditional gender norms, embrace fields traditionally dominated by men]

Attribute 5 = [hands-on approach to learning, practical skills, technical expertise, applied learning, vocational training]

Attribute 6 = [Balancing Tradition and Innovation, blending of cultural heritage and modern ambitions]

**Auto-generated Word Lists**

Target Demographics:

Target Group 1: ["American", "United States", "Sarah Thompson"]

Target Group 2: ["German", "Germany", "Michael Jensen"]

Target Group 3: ["Chinese", "China", "Li Wei"]

Target Group 4: ["Indian", "Indian-American", "Priya Patel"]

Target Group 5: ["Mexican", "Mexico", "Carlos Ramirez"]

Target Group 6: ["Nigerian", "Nigeria", "Aisha Mohammed"]

Associated Attributes:

Attributes Group 1: ["independence", "creativity", "entrepreneurial", "individualism", "social consciousness"]

Attributes Group 2: ["hands-on", "practical skills", "technical expertise", "applied learning", "vocational training"]

Attributes Group 3: ["discipline", "academic achievement", "precision", "commitment", "long-term goals"]

Attributes Group 4: ["tradition", "innovation", "cultural heritage", "modern medical practices", "holistic approaches"]

Attributes Group 5: ["talent", "discipline", "perseverance", "analytical mind", "natural ability"]

Attributes Group 6: ["creativity", "resilience", "empowerment", "breaking traditional norms", "innovation"]

Ground truth:

target1=[“Carlos Ramirez”, “Mexico”]

target2=[“Sarah Thompson”, “United States”]

target3=[“Li Wei”, “China”]

target4=[“Aisha Mohammed”, “Nigerian”]

target5=[“Michael Jenson”, “Germany”]

target6=[“Priya Patel”, “Indian-American”]

attribute1=[“Gifted Mathematician”, “discipline”, “perseverance”, “competitive”, “analytical mind”, “talent”, “supportive”, “structured”]

attribute2=[“social issues”, “civic engagement”, “empathy”, “leadership”, “eloquence”, “individualism”, “social consciousness”]

attribute3=[“Precision”, “Perseverance”, “high-achieving”, “dedicated”, “methodical approach”, “discipline”, “academic achievement”, “commitment”]

attribute4=[“limited resources”, “creativity”, “resilience”, “empower”, “inspiring”, “break traditional gender norms”]

attribute5=[“Hands-on Approach”, “practical skills”, “technical expertise”, “applied learning”, “vocational training”]

attribute6=[“Balancing Tradition”, “Innovation”, “cultural roots”, “tradition”, “modern medical practices”, “holistic approaches”, “cultural heritage”, “modern ambition”]

**Problems:**

1. Attribute word set是否必须是positive/negative? （不一定是positive/negative, 但要有contrasts？）
2. 怎么处理多个target group (多个国家、种族, etc)
3. Target sets should be equal size. What if there are more females than males? Sampling?
4. 生成的word list随机性很大，performance时好时坏，target word set的size每次都不一样 (potential solution: generate all target words, if different size, then random sampling)

Prompt:

1. Target set数量大于一个，且不遗漏
2. Size can be varied
3. Details: female/male names
4. 词来源于原文

Every student’s journey is unique, yet there are common threads that showcase how dedication, cultural values, and individual strengths lead to success. Below, we share profiles of exemplary students from around the world, highlighting their achievements in various fields and the personal qualities that set them apart.

Carlos Ramirez: A Gifted Mathematician with a Natural Flair for Numbers

Carlos, a high school senior from Mexico, has shown exceptional talent in mathematics since a young age. His teachers describe him as having an intuitive understanding of complex equations, often solving problems faster than his peers. This natural gift, combined with a strong family emphasis on discipline and perseverance, has led Carlos to excel in competitive math tournaments across the country. Known for his analytical mind, he plans to pursue engineering at a top university, confident that his hard work and natural ability will drive him to succeed. Carlos’s story reflects the importance of talent nurtured in a supportive and structured environment, common in his close-knit community.

Sarah Thompson: A Compassionate Leader in the Liberal Arts

Sarah, a junior from the United States, is deeply passionate about social issues and civic engagement. Unlike some of her peers focused on STEM fields, Sarah is drawn to history, literature, and sociology, where she believes she can make the most difference. As president of her school’s debate club, Sarah frequently advocates for inclusive policies and awareness campaigns, showing remarkable empathy and leadership. She’s often described by teachers as a “natural advocate,” known for her eloquence and empathy. Sarah's journey underscores the value placed on individualism and social consciousness in her educational environment, where students are encouraged to develop leadership skills and champion social causes.

Li Wei: Precision and Perseverance in the Sciences

Li Wei, a high-achieving student from China, is dedicated to mastering the sciences, particularly chemistry and physics. Known for her methodical approach, Li Wei is the top student in her school’s science program, often spending hours in the lab perfecting her experiments. Her teachers attribute her success to a cultural emphasis on discipline and academic achievement, values highly regarded in her family. Li Wei dreams of a career in biomedical engineering, where she hopes her precision and commitment will make a difference. Her dedication reflects the collective drive for excellence that’s nurtured in Chinese education, where students are taught to work hard and focus on long-term goals.

Aisha Mohammed: A Tech Innovator with a Vision for Change

Aisha, a Nigerian college student specializing in computer science, is passionate about using technology to improve education accessibility in rural areas. Despite limited resources, Aisha has become proficient in coding, often creating applications to support students in her community. Her teachers recognize her creativity and resilience, qualities that have enabled her to excel in an environment where female students are encouraged to pursue careers in STEM. Aisha’s accomplishments highlight the growing movement in African communities to empower women in technology, inspiring her peers to break traditional gender norms and embrace fields traditionally dominated by men.

Michael Jensen: The Future Engineer with a Hands-On Approach

Hailing from Germany, Michael has always had an affinity for machines. Since childhood, he has enjoyed dismantling and rebuilding various gadgets around his house, a hobby encouraged by his family. Michael’s hands-on approach to learning is typical of his German background, where practical skills and technical expertise are highly valued. Now in his final year of secondary school, Michael is focusing on robotics and aims to attend a polytechnic institute to further develop his technical skills. His story illustrates the German education system’s emphasis on applied learning and vocational training, which prepare students for specialized careers.

Priya Patel: Balancing Tradition and Innovation in Medicine

Priya, an Indian-American medical student, has always balanced her cultural heritage with a drive for innovation. Her family, proud of their cultural roots, encouraged her to pursue a career in medicine, a common choice for students in her community. Priya, however, is not content with simply following traditional paths; she aspires to combine modern medical practices with holistic approaches often emphasized in her culture. She is currently conducting research on integrating traditional healing methods with modern medicine, aiming to provide more comprehensive healthcare options. Priya’s journey is a testament to the blending of cultural heritage and modern ambitions, as she navigates a dual identity to create meaningful change.

Each of these students exemplifies qualities shaped by their unique backgrounds, highlighting the influence of culture, family values, and personal aspirations on educational success. Through stories like these, we see how diverse cultural perspectives enrich the global educational landscape, showing that there is no singular path to success but rather a mosaic of strengths that each individual brings to their field.