

# Supplementary Material

## 1 Attribute Sets and Results Across Metrics

Attribute	List of Words
Career	executive, management, career, professional, professional, corporation, industry, office, business, salary, job, education, college, money
Family	home, family, parents, children, baby, caregiving/caretaking, marriage, wedding, relatives, household, kin, relationship, love
Math	algebra, geometry, calculus, equations, computation, numbers, addition, calculation, number, logic, arithmetic
Arts_v1	poetry, art, dance, literature, novel, music, symphony, drama, culture, painting, theatre
Science	science, technology, physics, chemistry, biology, mathematics, experiment, astronomy, engineering, computers
Arts_v2	poetry, art, dance, literature, novel, music, symphony, drama, culture, painting
Intelligence	resourceful, inquisitive, genius, inventive, adaptable, reflective, intuitive, inquiring, analytical, imaginative, shrewd, thoughtful, wise, smart, clever, brilliant, logical, intelligent, skill, witty, logical, creative, knowledge, rational, curious
Appearance	alluring, blushing, homely, plump, sensual, gorgeous, slim, bald, athletic, fashionable, ugly, muscular, slender, feeble, handsome, healthy, attractive, fat, weak, thin, pretty, beautiful, strong, masculine, feminine

Table 1: Attribute Sets

Class	Comparison
I	Career and Family
II	Intelligence and Appearance
III	Strength and Weakness
IV	Math and Arts
V	Science and Arts

Table 2: Keys

Embedding	I	II	III	IV	V
NMT-English-(512D)	0.719703	0.262086	0.486364	0.058027	0.106466
w2v-google-news-300	0.830547	0.790591	0.414192	0.521449	0.634229

Table 3: WEAT English

Embedding	I	II	III	IV	V
NMT-English-(512D)	0.719703	0.262086	0.486364	0.058027	0.106466
w2v-google-news-300	0.830547	0.790591	0.414192	0.521449	0.634229

Table 4: RNSB English

Embedding	Career	Intelligence	Strength	Science	Math	Family	Appearance	Weakness	Arts
NMT-English-(512D)	-0.0883	-0.0684	-0.1340	-0.0632	-0.0769	0.0492	-0.0181	-0.0428	-0.0512
w2v-google-news-300	-0.1421	-0.1719	-0.1865	-0.1246	-0.1422	0.0230	-0.0335	-0.1114	-0.0307

Table 5: RND English

Embedding	Career	Intelligence	Strength	Science	Math	Family	Appearance	Weakness	Arts
NMT-English-(512D)	0.4725	0.5612	0.5892	0.5393	0.8636	0.6758	0.2434	0.3857	0.5363
w2v-google-news-300	0.8351	0.9110	0.7250	0.7696	0.8181	0.7637	0.5869	0.7071	0.5757

Table 6: ECT English

Embedding	I	II	III	IV	V
NMT-Hindi-(512D)	0.48978	0.295811	0.145927	0.132461	0.30179
hi-300	0.188042	0.113312	0.151448	0.178016	0.281193

Table 7: WEAT Hindi

Embedding	I	II	III	IV	V
NMT-Hindi-(512D)	0.030701	0.069657	0.072306	0.017434	0.0066
hi-300	0.048818	0.023931	0.051128	0.030333	0.009326

Table 8: RNSB Hindi

Embedding	Career	Intelligence	Strength	Science	Math	Family	Appearance	Weakness	Arts
NMT-Hindi-(512D)	-0.2111	-0.2674	-0.2191	-0.2304	-0.1662	0.0099	-0.1396	-0.1562	-0.1205
hi-300	-0.0240	-0.0212	-0.0040	0.0233	0.0483	0.0246	0.0077	0.0352	0.0933

Table 9: RND English

Embedding	Career	Intelligence	Strength	Science	Math	Family	Appearance	Weakness	Arts
NMT-Hindi-(512D)	0.7272	0.9725	0.9392	0.7212	0.7090	0.9300	0.7637	0.8892	0.9515
hi-300	0.2377	0.2362	-0.1392	0.4303	0.4181	-0.2867	0.2967	0.2035	0.4424

Table 10: ECT English