STA 199 PROJECT: Near Death Experiences

TEAM GGPLOT

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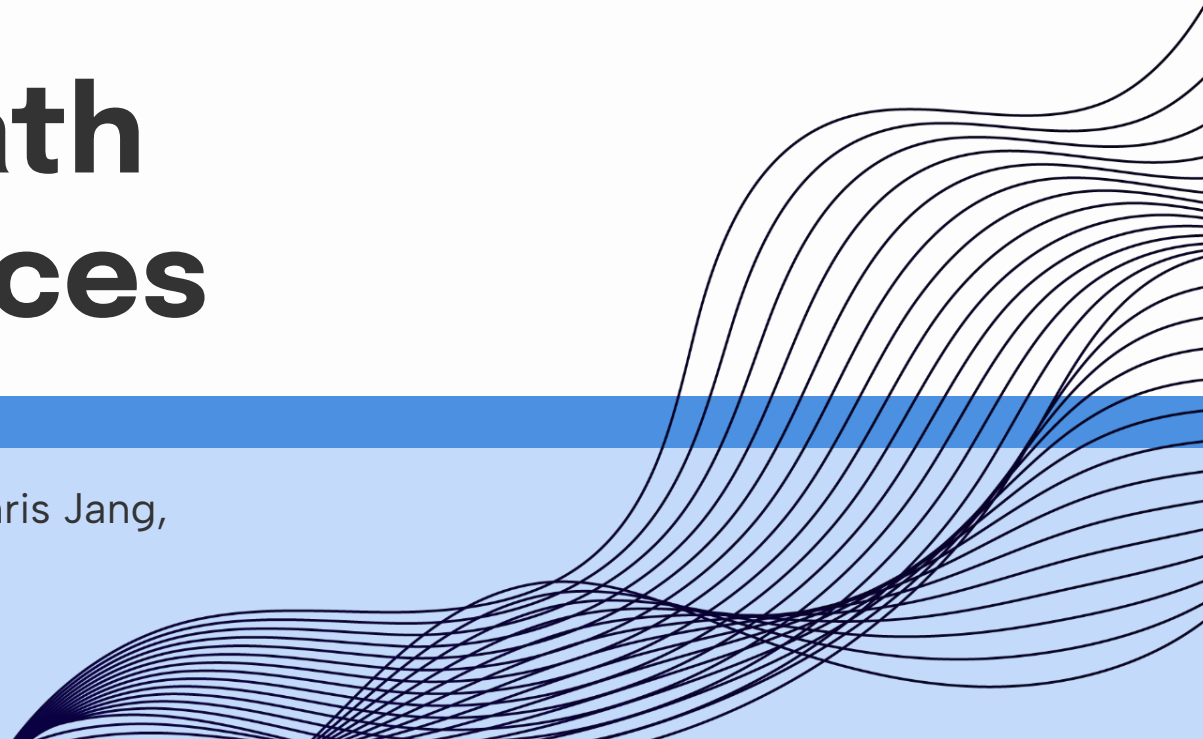


Introduction:



Near-death experiences (NDEs):
Phenomena such as out-of-body experiences, feelings of unity, and extrasensory perceptions

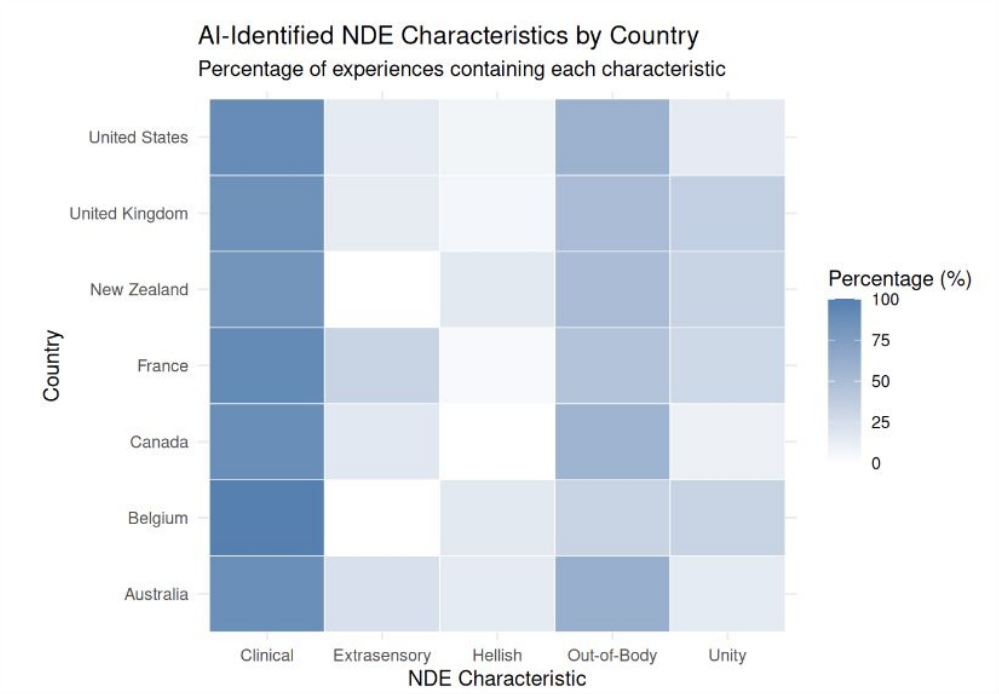
Table: 589 rows x 18 columns
Excluded variables: Post_date, exp_date, narrative_length

entry_id	gender	classification	country	category	language	ai_obe	ai_unity	ai_hellish	ai_clinical	ai_esp	ai_past_lives	ai_world_future	ai_aliens
1	M	NDE	Soviet Union	NDE	english	TRUE	TRUE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE
2	F	NDE	United States	NDE	english	TRUE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE
3	F	NDE	United States	NDE	english	TRUE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE
4	M	NDE	Vietnam	NDE	english	TRUE	TRUE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE
5	F	NDE	NA	NDE	english	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE

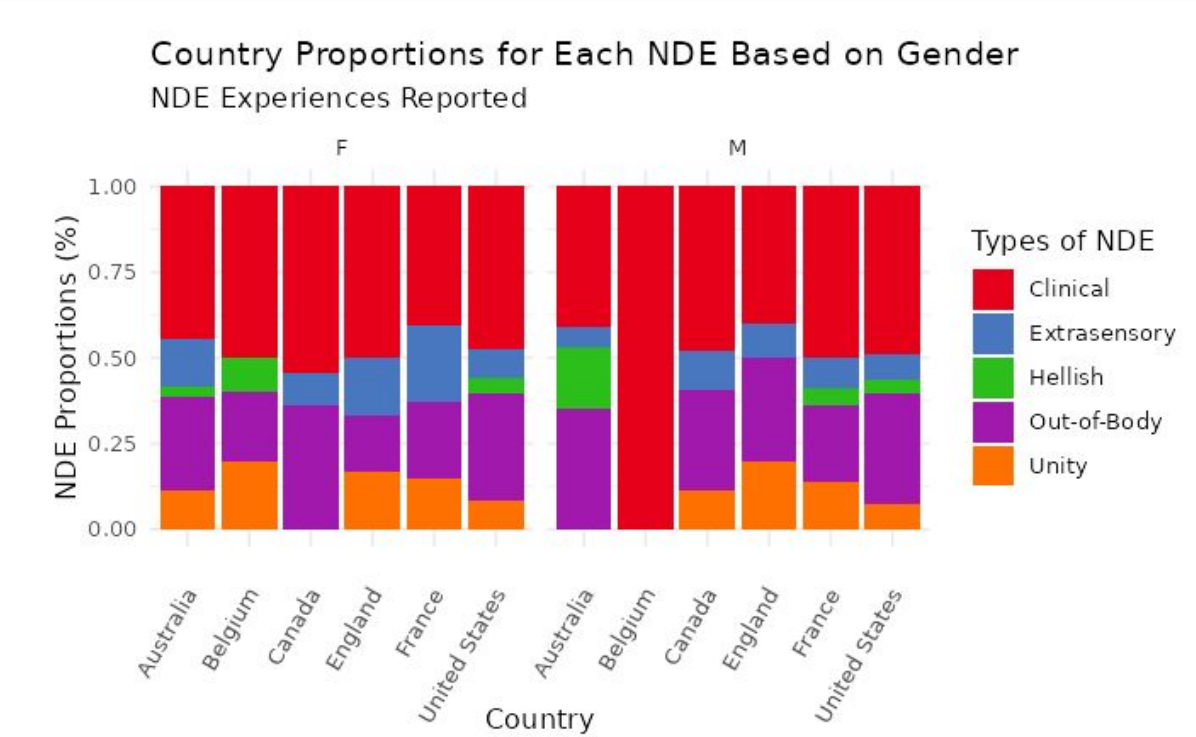
Source: Individuals reported to Near Death Experience Research Foundation

Research Question 1: NDE

How does AI-identified NDE vary with individuals from different countries and of different genders?

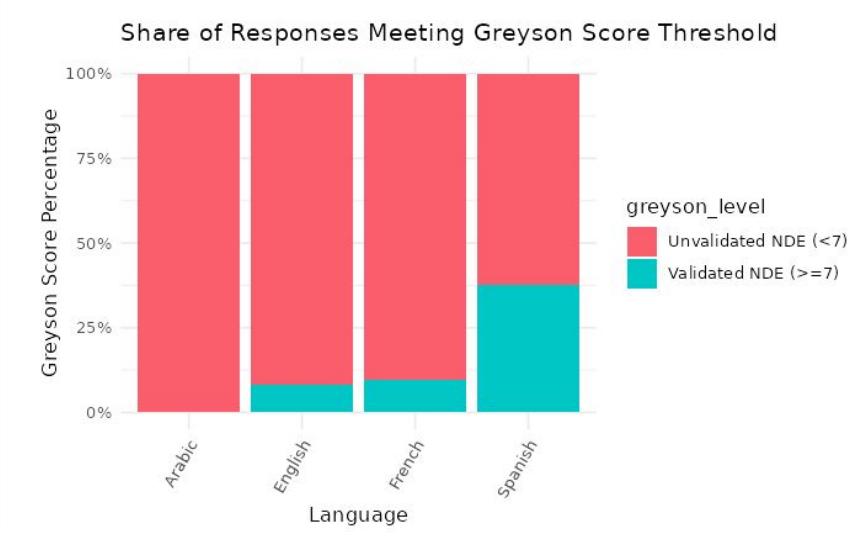


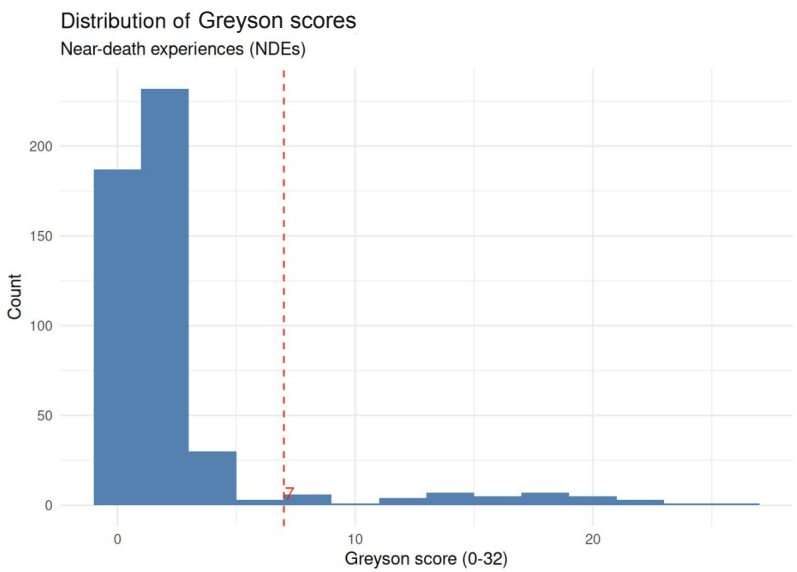
Research Question 1: Result & Discussion



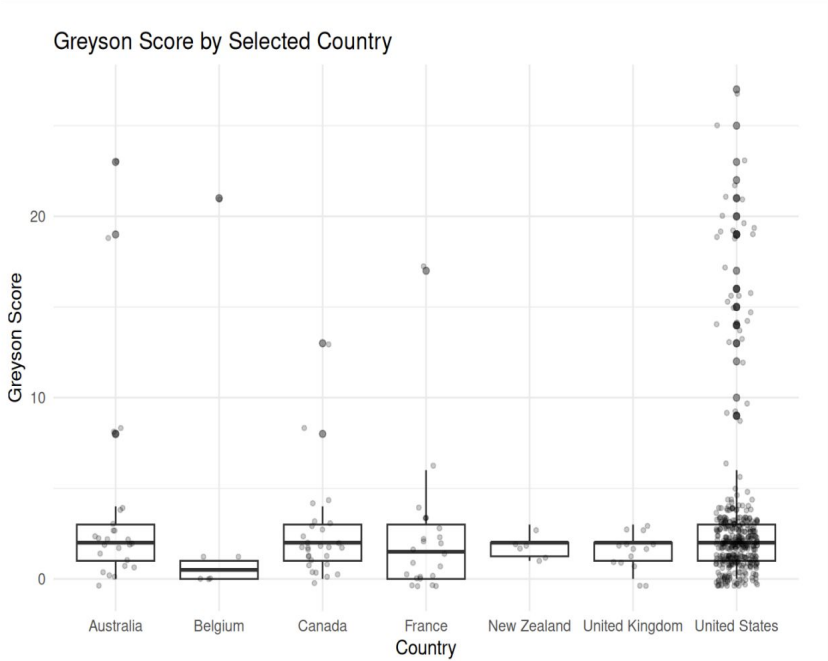
Research Question 2: Greyson Scores

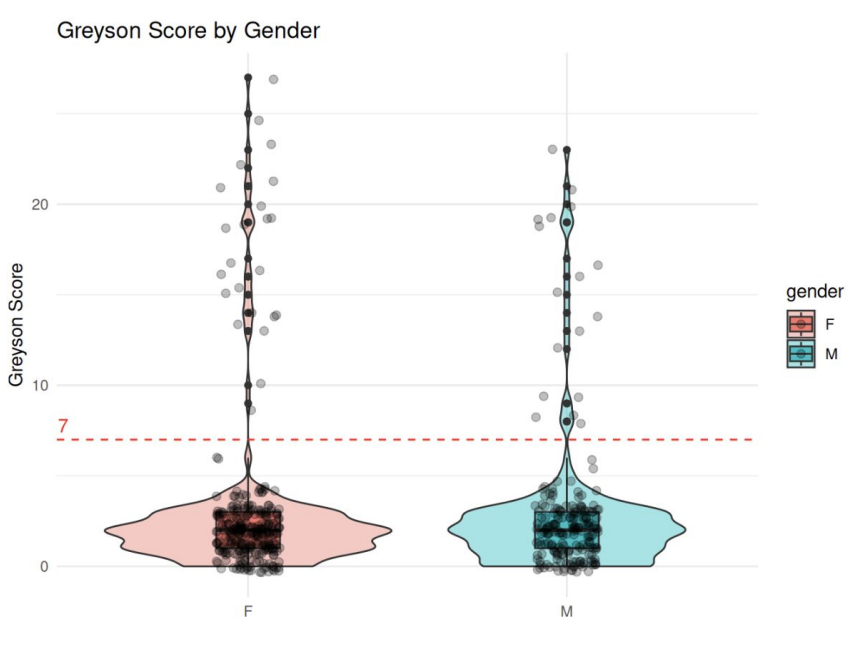
How do Greyson scores vary by country, gender, and language?



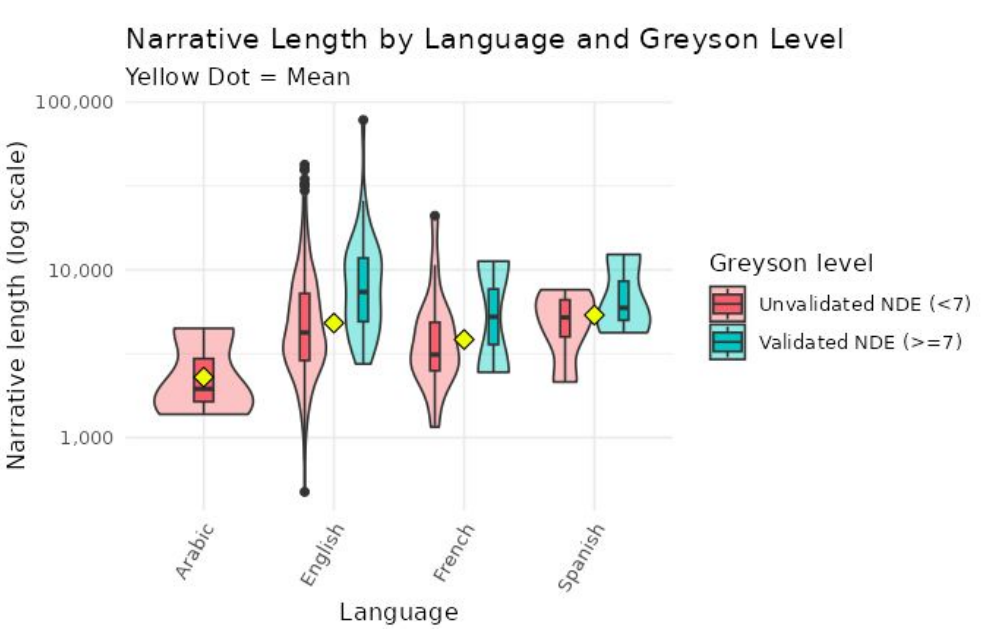


Research Question 2: Results & Discussion





Research Question 2: Results & Discussion



	language	mean	median	IQR	n
	<chr>	<dbl>	<dbl>	<dbl>	<int>
1	English	6421.	4425	4559	549
2	French	4955.	3123	2622	21
3	Arabic	2602	1952	1549	3
4	Spanish	6008.	5566	2704.	8

Data Limitations

1: Self-reported data	Experiences and demographic information were submitted online and cannot be independently verified.
2: Uneven representation	The United States accounts for a large share of the dataset, while some countries and languages have very few responses.
3: Cultural differences	People from different cultures may understand and describe near-death experiences differently.
4: AI & response limitations	AI-generated characteristics and Greyson scores may not perfectly represent the original experiences.

Conclusion

- **NDE Characteristics:** Clinical and out-of-body experiences were the most commonly identified across countries.
- **Greyson Scores:** Scores were strongly right-skewed, with most below 7 and similar distributions across genders.
- **Language:** Greyson scores and narrative lengths varied across languages.
- **Overall:** Uneven sample sizes and AI-estimated measurements limit how broadly we can generalize our findings.