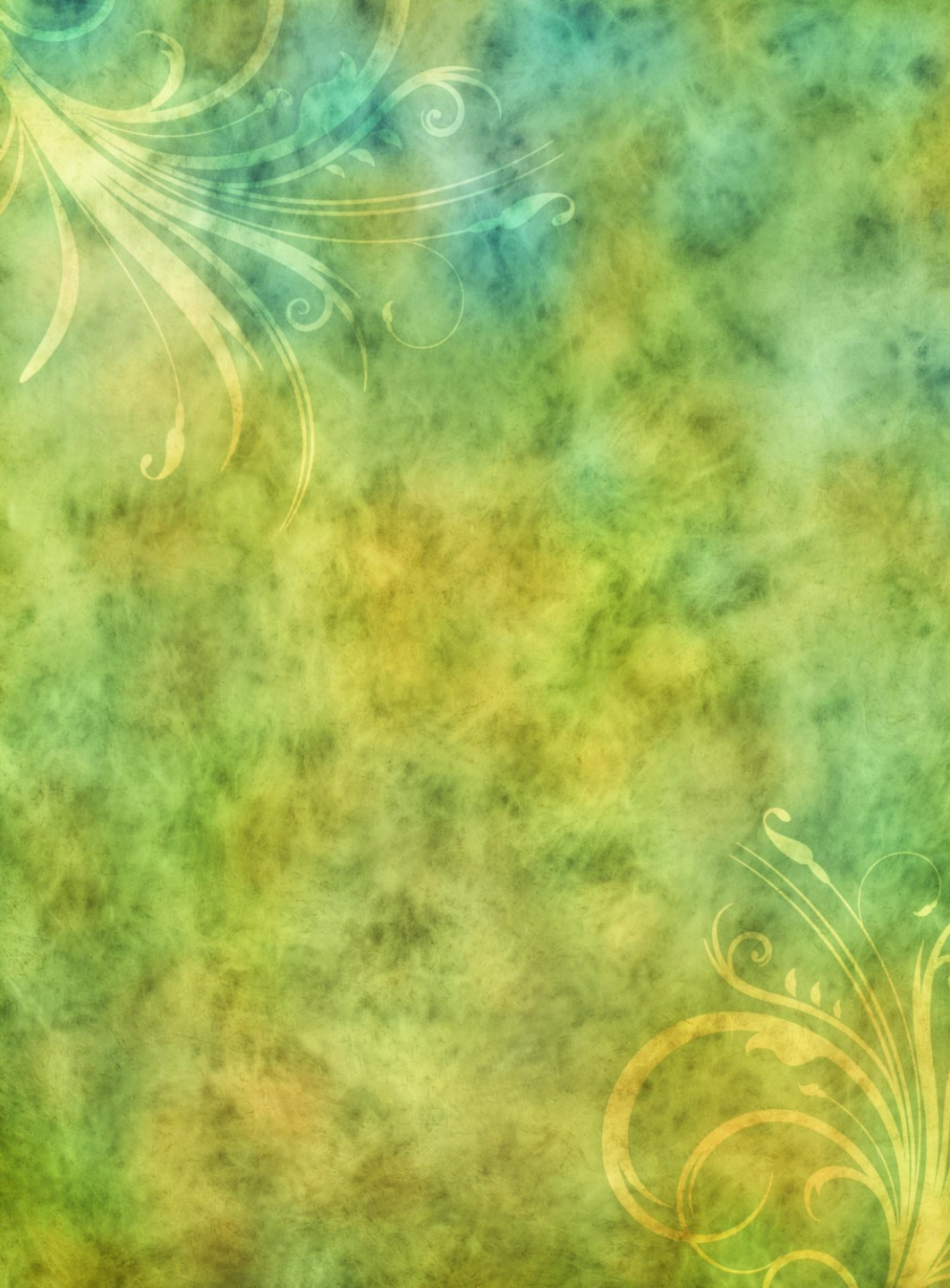




ART DESIGN VOCABULARY VIA CORPORA

Analyzing language patterns in art and
design terminology

INTRODUCTION AND OBJECTIVES



PRESENTATION OBJECTIVES AND OVERVIEW

Research Focus

Exploration of jewellery concepts in art design through identification of simple and complex terms.

Corpus Linguistic Approach

Use of British and Slovak National Corpora to analyze terminology from a lexico-grammatical perspective.

Analytical Tools

Utilization of GraphColl, Log Dice, and MI Score to identify collocations and term associations.

Presentation Coverage

Overview of methodology, corpus tools, term theory, detailed analysis, and future research directions.

RESEARCH BACKGROUND



STATE OF THE ART IN TERMINOLOGY

Lack of Specialized Dictionaries

Slovakia lacks comprehensive terminological resources specifically for art design, highlighting a significant gap.

Existing General Dictionaries

General visual art dictionaries by Geržová and Hrubaničová exist but lack specific art design terminology.

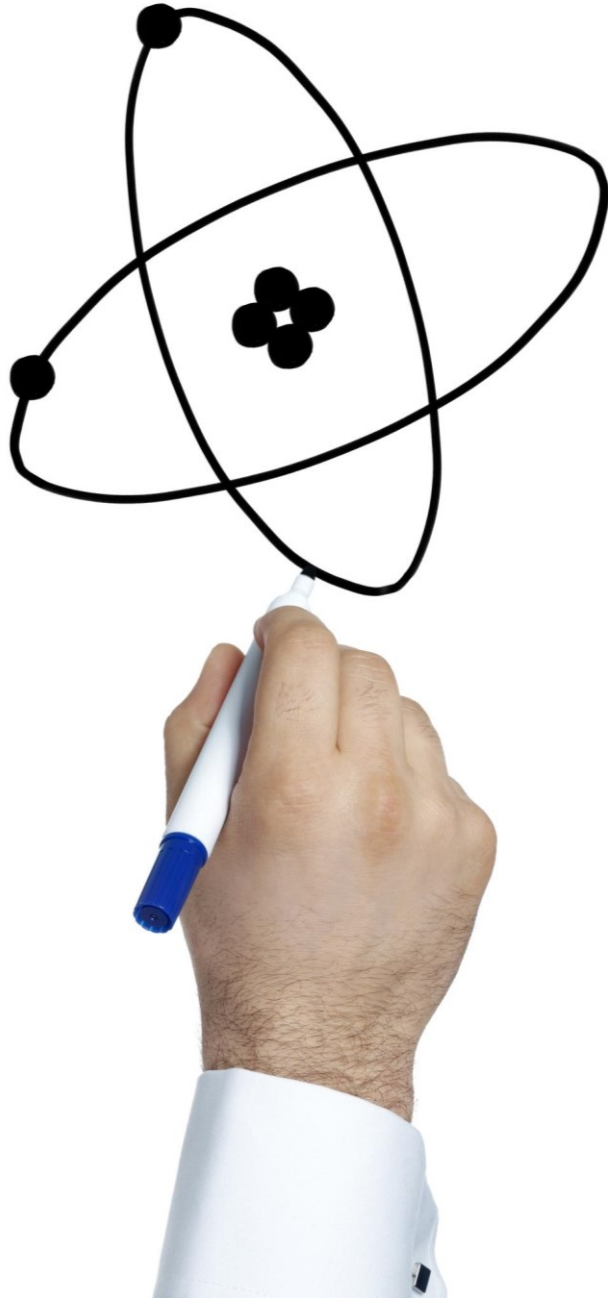
Comparative International Resources

The Czech Republic and international authors provide more advanced terminological dictionaries aiding art design.

Need for Unified Terminology

There is a pressing need for a unified, systematic approach to art design terminology, especially in jewellery vocabulary.

THEORETICAL FRAMEWORK



TERM THEORY AND DEFINITIONS

Definition of Terms

Terms are vocabulary elements with precise meanings within specialized conceptual systems, key to scientific fields.

Controlled Vocabularies

Controlled vocabularies serve as standardized tools for indexing and organizing concepts clearly and consistently.

Terminology vs Nomenclature

Terminology refers to specialized terms, while nomenclature categorizes groups within a specific domain.

Lexical Meaning Influences

Lexical meaning depends on logical content, grammatical use, and semantic correlations within language systems.

METHODOLOGY AND TOOLS



CORPUS-BASED METHODOLOGY

Lexicographic and Corpus Methods

The study combines traditional lexicographic techniques with modern corpus-based approaches for rich linguistic analysis.

Corpus Tools Usage

Tools like GraphColl in LancsBox identify collocations and build word association networks efficiently.

Statistical Measures

Log Dice, MI Score, and T Score quantify lexical proximity to distinguish simple and complex terms accurately.

Application in Jewellery Terminology

These methodologies aid in the detailed understanding of jewellery terms within art and design contexts.

TERMINOLOGY ANALYSIS

SIMPLE AND COMPLEX JEWELLERY TERMS

COLLOCATE	FREQ.(COLLOCATION)	FREQ.(CORPUS)	LOG DICE	MI SCORE
silver	34	5206	7.4	8.8
gold	53	9734	7.3	8.6
handmade	7	227	7.1	11.1
costume	10	1032	7.0	9.4
luxury	18	3222	7.0	8.6

DETAILED TERM ANALYSIS

EARRINGS AND RINGS

COLLOCATE	FREQ.(COLLOCATION)	FREQ.(CORPUS)	LOG DICE	MI SCORE
engagement	192	4075	9.3	9.6
wedding	185	5375	9.1	9.2
signet	38	65	7.7	13.3

NECKLACES, BRACELETS, AND BROOCHES

COLLOCATE	FREQ.(COLLOCATION)	FREQ.(CORPUS)	LOG DICE	MI SCORE
pearl	21	771	8.9	12.1
diamond	43	2495	8.8	11.4
silver	30	5206	7.4	9.8

ADDITIONAL FINDINGS

TIARA, PENDANT, AND UNCOLLOCATED TERMS

TERM	OCCURRENCES	ARF
cufflinks	76	0.74
anklet	3	0.03
armlet	1	0.01

CONCLUSION AND FUTURE WORK



SUMMARY AND RESEARCH OUTLOOK

Terminology Analysis

Corpus linguistic tools enabled identification and analysis of jewellery terms, both simple and complex.

Statistical Insights

Statistical measures like MI Score and Log Dice offered objective insights into term usage and collocations.

Future Research Directions

Developing a bilingual conceptual apparatus to bridge Slovak and English jewellery terminologies is planned.



USAGE OF RESULTS IN ENGLISH FOR SPECIFIC PURPOSES (ESP)



THANK YOU

FOR YOUR ATTENTION