Curriculum Vitae

ELENA MATTEI

Date and place of birth: 08/10/1994, Brescia (BS), Italy

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CURRENT POSITIONS

Department of Foreign Languages and Literatures, University of Verona

- PhD Candidate in Digital Humanities for English Studies (PhD Programme in Foreign Literatures, Languages and Linguistics)
- Temporary Professor of Digital Humanities for English Studies (Advanced Digital Humanities Lab)

EDUCATIONAL BACKGROUND

PhD in Digital Humanities for English Studies (SSD: L-LIN/12)

PhD Programme in Foreign Literatures, Languages and Linguistics Thesis approved by Prof. Sharon Hartle (supervisor) and Prof. John A. Bateman (cosupervisor). Expected graduation: May/June 2023.

Academic years 2019/2020 - 2021/2022

PhD in Foreign Literatures, Languages and Linguistics at the University of Verona. PhD dissertation title: "Multimodal Corpus Analysis of Digital Tourism Narratives: A Data-driven Approach Based on Systemic Functional Linguistics and Social Semiotics". Supervisor: Prof. Sharon Hartle, University of Verona. Co-Supervisor: Prof. John A. Bateman, Universität Bremen, Germany

Research fields: multimodal analysis of tourism, promotional discourse; empirical analysis and annotation of visual and linguistic data; discourse analysis of digital media, particularly Instagram

and company websites; Systemic Functional Linguistics; critical discourse and cognitive studies on populism; persuasive communication. Future research topics, already introduced at international conferences: Ecolinguistics; multimodal grammar of eco-tourism discourse; persuasive communication for the promotion of sustainable, tourism experiences.

Research period abroad under the supervision of Prof. John A. Bateman (PhD in Artificial Intelligence) at the department of English Applied Linguistics (Universität Bremen, Fachbereich 10).

Activities: 1) data modeling with R and empirical research for the statistical measurement of variance and correlations between visual communicative strategies in multimodal corpora of tourism discourse (PCA, CA, Factor Analysis, Regression, Chi-Square); 2) implementation of appropriate inter-coder reliability measures to test the degree of reproducibility of the tagging procedure; 3) meetings with the Bremen and Groningen research groups.

Teaching qualifications

Academic years 2015/2016 - 2017/2018

Acquisition of 66 supplementary credits in order to apply for tenured positions as middle school and high school teacher in Italy. Subjects: English Language and Literature; German Language and Literature (Percorso Formativo 24 CFU included; D.M. n. 616, 10 August 2017)

Master's Degree in Languages for Communication in Tourism and Commerce (LM-38) Academic years 2016/2017 – 2017/2018

Master's Degree in Languages for Communication in Tourism and Commerce (LM-38) at the University of Verona. MA thesis titled "Multimodal Promotional Communication in the Contemporary Virtual Society. The Case Study of Three Travel Agencies on Instagram". Thesis supervisor: Prof. Sara Corrizzato, 110/110 cum laude

Bachelor's Degree in Languages and Cultures for Tourism and International Commerce (L-12)

Academic years 2013/2014 - 2015/2016

Bachelor's Degree in Languages and Cultures for Tourism and International Commerce (L-12) at the University of Verona. BA thesis titled "The Postcolonial White Burden in a Non-Indigenous Australia. Sorry by Gail Jones". Supervisor: Prof. Annalisa Pes, 110/110 cum laude

EDUCATIONAL TRAINING

Academic year 2021/2022

- Crash course on Python (12h), January 2022, University of Verona
- Course on R (20h), July 2022, Universität Bremen
- Course "Narrative Strategies in Audiovisual News Media" taught by prof. Bateman, April-July 2022, Universität Bremen. Based on empirical research and statistical analysis of multimodal corpora; use of ELAN software

Academic year 2020/2021

- Participation in "Lancaster Summer School in Corpus Linguistics 2021" (20 h), 21st-25th June 2021, Lancaster University, UK
- Participation in "11th European Summer University in Digital Humanities 'Culture & Technology" (82 h), including the workshop "Corpus Linguistics for Digital Humanities. Introduction to Methods and Tools" (36 h), 3rd-13th August 2021, University of Leipzig, Germany
- Participation in "9th Workshop on Challenges in the Management of Large Corpora (CMLC-9)". Special Topic: "Design and Management of Research Software", 12th July 2021, University of Limerick, Ireland
- Participation in the workshop "Intro to Web Scraping (Compute Canada HSS Series)" February 2021, Digital Humanities Summer Institute, Canada

Academic year 2019/2020

Participation in the webinar cycle "Dialoghi sull'educazione linguistica: prospettive sulla formazione insegnanti", DILLE and University of Parma

WORK EXPERIENCE

01/2023 - (part-time)

- Training and work experience as communication expert and Search Engine Optimization (SEO) specialist at Web Leaders Srl (ITA/ENG). Clients and partners: Operosa.it (promotion of environmentally sustainable products for collective wellbeing; Psicodizione.it; Cacciatoriditalenti.it; Imballopronto.it. Hard skills and activities: 1) Keyword search and analysis to increase website visibility in Google search results and traffic; 2) data analysis and design of diagrams, statistical reports supported by particular software technologies; 3) promotional content analysis and design for SEO purposes; 4) content spinning; 5) creation of data banks, including composers; 6) .html codes for the realization of homepages and thousands of landing pages with the design and inclusion of original, persuasive, visual and linguistic content
- Main software used: Google Analytics, Screaming Frog, SemRush, CMS, Google Search Console, DreamWeaver, Keywordtool.io, Yoast SEO

01/2018-09/2019

 Special education teacher of English Language and German Language. Student's acquisition of B2 (CEFR) levels of language skills.

03/2018 - 12/2018

- Teacher of English classes at a private school (Centro Studi Ad Maiora, Brescia, Italy)
- Evaluation of German language skills for private companies

10/2017 - 12/2017

Editing and translation of itineraries (IT→EN) at the travel agency One Foot Abroad (Dublin, EIRE)

09/2015

- Translation of scientific reports on steel quality (DE→IT) at the sales department of O.R.I.
 Martin S.p.A, Brescia (Bericht vom 30. August 2015)
- Transcription and translation of an interview with O.R.I. Martin S.p.A.'s CEO (IT→DE; IT→EN; Siderweb)

SCIENTIFIC PUBLICATIONS

Туре	Author	Title	Journal	Pages
Libro (editor)	Stefano Ambrosini, Sara Fontana, Elena Mattei, Paola Peratello, Fabio Ramasso	Margins and Forgotten Places	Edizioni dell'Orso	(in press)
Book chapter	Stefano Ambrosini et al.	"Introduction." Margins and Forgotten Places	Edizioni dell'Orso	(in press)
Class A Journal Article	Maria Ivana Lorenzetti and Elena Mattei	"People-building Strategies in Trump's and Biden's Political Discourse: A Critical Discourse Analysis between Populism and Anti-Populism"	Iperstoria, N. 20, Fall/Winter 2022 DOI: <u>10.13136/2281-</u> <u>4582/2022.i20.1233</u>	351-382
Article in a <i>Digital</i> <i>Humanities</i> venue	Mattei Elena	"Theory and Method for the Statistical Investigation of Multimodal Promotional Practices in the Digital Era"	Interdisciplinary Digital Engagement in Arts & Humanities (IDEAH) 3.2 (2023) DOI: <u>10.21428/f1f23564.</u> 7921b725	1-32
Class A Journal review, special section	Mattei Elena	"English Tourism Discourse: Insights into the Professional, Promotional and Digital Language of Tourism", by Stefania M. Maci	Iperstoria, N. 18, Fall/Winter 2021 DOI: <u>10.13136/2281-</u> <u>4582/2021.i18.1095</u>	229-233
Class A journal review	Mattei Elena	"Understanding Abstract Concepts across Modes in Multimodal Discourse: A Cognitive Linguistic Approach", by Elżbieta Górska	<i>Iperstoria</i> , N. 15, Spring/Summer 2020	428-432
Class A Journal Review	Mattei Elena	"Systematically Working with Multimodal Data: Research Methods in Multimodal Discourse Analysis", by Sigrid Norris	<i>Iperstoria</i> , N. 15, Spring/Summer 2020	423-427
Class A Journal Review	Mattei Elena	"Doing Linguistics with a Corpus: Methodological Considerations for the Everyday User", by Jesse Egbert, Tove Larsson, and Douglas Biber	<i>Iperstoria</i> , N. 16, Fall/Winter 2020	370-373

Report	Mattei Elena	CLAVIER 2019	Associazione Italiana di	20
		conference "Knowledge	Anglistica, Newsletter 99	
		Dissemination and	(2020)	
		Multimodal Literacy:		
		Research Perspectives on		
		ESP in a Digital Age"		

* Acceptance of article proposal as future contribution to the edited collection of scientific papers on empirical multimodality in *Frontiers in Communication* journal, "in lieu of a Festschrift for John A. Bateman". Journal editors: Dr. Janina Wildfeuer, Dr. Claudia Lehmann, e Tamara Drummond. Paper title: "Exploring Digital Tourism Narratives with a Data-driven Approach: The Perpetuation of the *Romantic Gaze* in Instagram Photography". CfP: <u>bit.ly/3Sa8GUi</u>

PUBLICATIONS

- Mattei, Elena. Blogpost "What Digital Marketing is and why it should figure among your top professional skills" Master *English for International Business and Global Affairs*, University of Verona. https://www.eibga.it/
- Mattei, Elena. Blogpost "The fundamentals of e-commerce What you need to know as a communication specialist and why" Master *English for International Business and Global Affairs*, University of Verona. https://www.eibga.it/
- Mattei, Elena. Blogpost "Getting a real taste for the wine (industry): the role of wine business in international trade and the power of negotiation skills required to succeed in this globalized market" Master English for International Business and Global Affairs, University of Verona. https://www.eibga.it/
- Mattei, Elena. Blogpost "The professional role of translators and interpreters in intercultural business negotiations" Master *English for International Business and Global Affairs*, University of Verona. https://www.eibga.it/
- Mattei, Elena. Blogpost "Proficiency in English writing skills: enhancing employability in the professional setting" Master English for International Business and Global Affairs, University of Verona. https://www.eibga.it/
- Mattei, Elena. Blogpost "Why and how to start working on your intercultural communication skills in today's globalized society" Master *English for International Business and Global Affairs*, University of Verona. https://www.eibga.it/
- Mattei, Elena. Blogpost "A brand new course has started" Master English for International Business and Global Affairs, University of Verona. https://www.eibga.it/

PRESENTATIONS AT NATIONAL AND INTERNATIONAL CONFERENCES

2023

 Mattei, Elena. "Exploring Digital Tourism narratives with a Data-driven Approach: The Perpetuation of the *romantic gaze* in Instagram Photography", in 11th International Conference on Multimodality, London, 27-29 September 2023, as member of the BreGroMM research group and panel proposal "in lieu of a Festschrift for John A. Bateman".

2022

- Mattei, Elena, "Corpus-Based Analysis of Multimodal Tourism Narratives on Instagram: Evoking Romantic Gazes of Evaluation as Means of Persuasion.", in 43e colloque du GERAS: Multimodalité et multimédialité en anglais de spécialité: enjeux discursifs, culturels, didactiques et traductologiques, Université Grenoble Alpes (France), 24-26 marzo. Book of Abstracts: https://bit.ly/3tUXboT.
- Mattei, Elena, "Multimodal Tourism Narratives in the Instagram Era.", in *Approaches to Digital Discourse Analysis (ADDA3)*, University of South Florida (St. Petersburg, Florida, U.S.A.), 13-15 maggio, p. 64 Book of Abstracts (https://bit.ly/39HLUS0).
- Mattei, Elena, "Corpus-Assisted Discourse Analysis of Transitivity and Evaluative Practices as Means of Persuasion in the Instagram Representation of the Tourist Experience.", in XIII International CORPUS Linguistics Conference - Specialized Discourse and Translation Studies in Corpus Linguistics (CILC2022), Università di Bergamo, 26-28 maggio, p. 47-48 Book of Abstracts (https://bit.ly/3ndZteZ).
- Mattei, Elena, "Investigating Contemporary Multimodal Discourse Practices by means of Digital Methods: The Challenge of Reliability and Reproducibility in a Multidisciplinary Perspective.", in *Past, History and Memory in Language and Literary Studies (PhD conference)*, Università di Verona, 23 – 25 giugno, p. 33 Book of Abstracts (https://bit.ly/3OhZwSW).
- Mattei, Elena, "Rethinking Multimodal Tourism Narratives on Social Media: Leveraging the Capitalist, 'Romantic Gaze' of the Postmodern Traveler to Promote Sustainability.", in Simposio Internacional. Sostenibilidad en el sector turístico: implementación y comunicación, Instituto Cultura y

Sociedad, Universidad de Navarra, 30 giugno – 1 luglio, p. 18 Book of Abstracts (https://bit.ly/3C20MGw). Sito: https://bit.ly/3zYKrQm.

 Mattei, Elena, "Multimodal Tourism Discourse on Instagram: How to Leverage the Romantic Gaze and Its Aura of Exclusivity and Superiority to Foster Sustainable Behavior.", in 31st European Systemic Functional Linguistics: Social Semiotics and Sustainability, University of Southern Denmark, 24-26 agosto, p. 39-40 Book of Abstracts (https://bit.ly/3pqsJAa). Sito: https://bit.ly/3zU4BuH.

2021

- Mattei, Elena, "Researching Contemporary Multimodal Artefacts: An Empirical Study of Tourism Photography on Instagram and Official Websites.", in *The Bremen-Groningen Online Workshops on Multimodality*, Università di Brema (Prof. Bateman, PhD in Artificial Intelligence) e Università di Groningen (Dr. Wildfeuer, PhD in Multimodal Linguistics), 29 gennaio 2021. Book of Abstracts: https://bit.ly/3iX6kGy. La presentazione con il Q&A (1h) è disponibile su richiesta.
- Mattei, Elena, "Multimodal Corpus Analysis of Online Tourism Narratives.", in XII International Conference on Corpus Linguistics (CILC 2021), Università di Murcia, Spagna, 28-30 aprile 2021, p. 128 Book of Abstracts (https://bit.ly/3xXtO5F). Conferenza online con presentazione registrata e disponibile a https://bit.ly/3tynKNE.
- Mattei Elena, "Multimodal Corpus Analysis of Tourism Discourse on Social Media and Websites.", in *DHSI Conference and Colloquium*, Digital Humanities Summer Institute, University of Victoria, Canada, 7-18 giugno 2021. Book of Abstracts: https://bit.ly/3hmcgdk.

2020

 Mattei, Elena, "Multimodal Corpus Analysis of Tourism Promotional Communication Online.", in *Corpora and Discourse International Conference 2020*, University of Sussex, UK, 17-19 giugno 2020, p. 95 Book of Abstracts (https://bit.ly/2RDyCMW). Conferenza online con la presentazione registrata e disponibile a https://bit.ly/302GEQ3.

PRESENTATIONS AT FOREIGN UNIVERSITIES

July 2022

 Presentation of the doctoral dissertation and future lines of research at the University of Groningen during a meeting with the organizers of the BreGroMM workshops (Prof. Bateman; Dr. Wildfeuer)

April 2022

 Presentation of the doctoral project in Digital Humanities for Multimodal English Studies at the department of English Applied Linguistics, Universität Bremen. Title of the presentation: "Corpus-Based Multimodal Analysis of Digital Tourism Narratives: A Data-Driven Approach to Systemic Functional Linguistics and Social Semiotics."

INVITED SEMINARS AND WORKSHOPS

December 2022

 Research seminar and workshop (4 hours) for the students of Digital Humanities and Linguistics at Universität Bochum. Workshop topics and materials: 1) Digital communication; 2) Corpus Linguistics; 3) How to design and carry out a Digital Humanities project: research hypotheses, research tools and methods for the selection, collection, annotation and analysis of linguistic and multisemiotic data on specific software and open access data banks

July 2022

Workshop "How to Perform Systematic Manual Tagging of Visual Artifacts: An Interactive, Data-Driven Workshop for the Understanding and Measurement of Contemporary Meaning-Making Practices" at the 3rd Bremen Student Conference in English Linguistics, Universität Bremen. Hands-on workshop aimed at introducing students to the theoretical and analytical skills of categorization and annotation in visual and multimodal static artifacts. Reflections upon the scientific validity of categorizing and labeling knowledge with data-driven, reproducible methods and development of tagging models for the detection and quantification of visual features. Research-based examples and of the software SRI Tagging use

(http://xor.isti.cnr.it:8000/login.html). Website: <u>https://bit.ly/3pgCHE6</u>. Abstract: https://bit.ly/3pbAg5U

March-April 2022

- Workshop held during the Master's course *Identity in Film and Graphic Novels* (Lecturer: Tamara Drummond), Universität Bremen. Workshop aimed at showing students how to develop a tagging system by using the software for manual annotation and statistical analysis SRI Tagging. Open-access, web-based software designed and developed in collaboration with Dr. Giulio Ermanno Pibiri (Assistant Professor of Computer Science at Ca' Foscari University, Venice). Link: http://xor.isti.cnr.it:8000/login.html
- Seminar held during the course *English Language for Communication Science* (Lecturer: Dr. Valentina Romanzi). Title of the lecture: "Multimodality as a Socio-Semiotic Theory of Communication and Its Major Role in the Understanding of Contemporary Meaning-Making Processes."
- Seminar held during the course *English Language for Communication Science* (Lecturer: Dr. Valentina Romanzi). Title of the lecture: "The Grammar of Visual Design and Data-Driven Quantitative Research: An Interactive, Hands-On Workshop for the Analysis of Contemporary Multimodal Communication."

OTHER PRESENTATIONS

- DH project and results presentation with a focus on Empirical Multimodal Analysis at the national event *Maratona DH*. Link to the event: https://bit.ly/3WwGT1X. Patrocinio dell'Associazione per l'informatica umanistica e la cultura digitale (AIUCD, or ADHO).
- Presentation of the whole doctoral thesis at the weekly meetings *Live Lunch* with the *Linguistics* doctoral group at the University of Verona. Title of the presentation: "*Multimodal Corpus Analysis* of Digital Tourism Discourse. The role of Text-Image Relationships in the Instagram Promotion of the Traveling Experience", 2nd March 2022 (12:00 13:30). Website: https://bit.ly/3JO62zj

ORGANIZATION OF CONFERENCES

Academic year 2020/2021

- Member of the Organizing Committee of the doctoral conference "Margins and Forgotten Places", 17-19 May 2020, University of Verona (CfP translation, IT→EN; web content design; abstract review; opening speech). Website: https://bit.ly/3tDEoet. Co-edition of a volume on the conference (*in press*)
- Chair of the panel "Margins and Foreign Languages, Linguistics" at the doctoral conference "Margins and Forgotten Places", 17-19 May 2020, University of Verona.

TEACHING ACTIVITIES

Academic years 2022/2023

- Final exam committee member and secretary (April graduation session) at the Department of Foreign Languages and Literatures, University of Verona
- Co-supervisor of three Master's theses at the Department of Foreign Languages and Literatures, University of Verona. Research topics: Tourism discourse and multimodal communication for persuasive purposes; Made in Italy & Country of Origin effect (COO) marketing studies. Research methods: Systemic Functional Linguistics; Appraisal Analysis; Tourism Discourse; Corpus Analysis; Grammar of Visual Design
- Temporary professor of Digital Humanities for English Studies at the Department of Foreign Languages and Literatures, University of Verona. Course: Advanced Digital Humanities Lab (36h). Specific title: Laboratory for the Statistical and Computational Analysis of Linguistic Data and Multimodal Communication on Digital Media. Degree programme: Languages and Literatures for Publishing and Digital Media (L-11)

Details of the course programme: Design of the course topics, materials and laboratory activities, with particular focus on: 1) transferring multidisciplinary knowledge and skills and 2) fostering critical awareness and multisemiotic literacy by means of quantitative and qualitative analytical skills, with the objective of enabling students to observe, measure the impact of and interpret current communicative trends in digital media. Learning outcomes: 1) knowledge concerning the field of Linguistics Studies (Neo-Firthian Linguistics, Systemic Functional Linguistics), social semiotics and sociology in media discourse; 2) understanding of the key role of statistical methods for reliable, replicable and reproducible analyses and development of

multisemiotic, digital texts depending on specific generic conventions; 3) design and development of a Digital Humanities project, with the support of computational methods such as Corpus Linguistics and NLP, annotation and coding in R. Website: <u>https://bit.ly/3T219pm</u>. Inclusion of a class held by Prof. Bateman on multimodal communication in contemporary media.

- Teaching assistant for the course "English Language III" and thesis writing (Prof. Sharon Hartle)
- **Teacher of the module** "Writing social media posts, blogs, and reports" (6 hours) in the advanced, professional development course *English for the World of Work*
- Collaborator in the GIAM project (University of Verona) aimed at designing and testing inclusive and accessible teaching of Business English courses. Activities: Benchmarking, pretesting and post-of participants' proficiency in the course *Business English for Everybody* (Prof. Hartle; Dr. Tenca), following the *Business English Certificate* guidelines (*BEC, Cambridge English Certifications*)

Academic years 2019/2021 - 2022/2023

- Exam Committee member English Language I and English Language III (Prof. Sharon Hartle)
- Teacher of the module "Transitivity in Systemic Functional Linguistics" (4 hours) English Language III (Prof. Hartle)

Academic years 2020/2021

- Collaborator in the Master English for International Business and Global Affairs, University of Verona.
 Edition and publication of blog articles available at https://www.eibga.it/
- Teaching assistant for the course "Wikipedia laboratory for the international dissemination of cultural heritage" (in collaboration with Wikimedia Italy). Course of study: Digital Humanities. Translation (EN→IT) of Wikipedia web pages on Roman itineraries and infrastructures. An interactive map of published pages is available at: https://bit.ly/3qneLAl

GRANTS

Academic year 2021/2022

Erasmus + Traineeship: Wissenschaftliche Mitarbeiterin (Research assistant) at Universität Bremen, Fachbereich 10. Supervisor: Prof. John A. Bateman, PhD in Artificial Intelligence. Research group: Empirical Multimodality and English Applied Linguistics

Academic year 2021/2022

Teaching grant issued within the Digital Humanities project "Wikipedia laboratory for the international dissemination of cultural heritage" (in collaboration with Wikimedia Italy)

Academic year 2020/2021

DARIAH-EU (Digital Research Infrastructure for the Arts and Humanities) scholarship for the participation in the "11th European Summer University in Digital Humanities 'Culture & Technology" and the submission of a report

Academic years 2019/2020 - 2021/2022

PhD scholarship in Digital Humanities for English Studies (Department of Foreign Languages and Literatures, University of Verona, Department of Excellence 2018-2022, MIUR)

Academic year 2017/2018

Erasmus + Traineeship: Marketing assistant (three months) at the travel agency *One Foot Abroad*, Dublin, Republic of Ireland (EIRE)

Academic years 2016/2017 - 2016/2017

Worldwide Study Scholarship: Semester abroad at the University of Massachusetts Boston, Boston, Massachusetts, U.S.A.

Academic year 2014/2015

Erasmus + scholarship: Semester abroad at the University of Passau (Universität Passau), Passau, Germany. Additional activities: participation in the project "Europa macht Schule": meetings on

intercultural communication in Bonn (DAAD) and teaching activities at a primary school. Focus of the classes: Italian language and culture

EDITORIAL AND REVIEW ACTIVITIES

- Member of the editorial board of the Class A scientific journal Iperstoria. Website: https://iperstoria.it/
- Proofreading of articles for the Class A scientific journal Iperstoria
- Member of the College of Reviewers of the Digital Humanities journal Interdisciplinary Digital Engagement in Arts & Humanities (IDEAH). Double-blind peer reviews.

RESEARCH GROUPS

- English Linguistics, Corpus & Discourse Studies at the University of Verona
- Empirical Multimodal Communication and Linguistics at Universität Bremen and Groningen University

MEMBERSHIP IN SCIENTIFIC ASSOCIATIONS

Association AELINCO (Asociación Española de Lingüística de Corpus)

DIGITAL ACTIVITIES OF PUBLIC ENGAGEMENT

Dissemination of scientific results and research activities on social platforms, in particular LinkedIn (https://bit.ly/35x1lFq) and Twitter (https://bit.ly/3xKRNWw)

VOLUNTEERING

- Seminars on persuasive and multimodal communication strategies
- Seminars on non-ideological and anti-populist communication in political communication
- Seminars on registerial and generic conventions across digital channels for non-profit organizations
- Web designer and social media manager of *Stage for Ukraine*, nonprofit organization aimed at providing Ukrainian refugee theater students with humanitarian assistance and drama education

in Italy. Website: https://stage4ukraine.wixsite.com/stage4ukraine; Instagram account: https://www.instagram.com/stage4ukraine/

PROGRAMMING SKILLS

- HTML
- XML/TEI
- R: scripts for statistical analysis (inferential: Chi-square)
- PYTHON: main functions, operations, lists, vectors, cycles for the analysis of written language

SOFTWARE

Design of open access and web-based software *Statistically* Reliable Image Tagging, in collaboration with National Research Council (CNR) fellow and Assistant Professor of Computer Science Giulio Ermanno Pibiri, Ca' Foscari University, Venice. Resource available at: <u>http://xor.isti.cnr.it:8000/login.html</u>. Main features:

- design of tailored, hierarchical tagging systems for the 1) manual annotation of visual data and static imagery, including professional photography, advertisements, memes, graphic novels, and
 2) statistical testing of theory-based models.
- Annotation, quantification and statistical measurement of variables' occurrences and cooccurrences (tags) (tag) within and across corpora of images
- Possibility of running tests and visualize patterns as well as images with particular features across corpora on the platform (descriptive statistics, correlation, Jaccard Index, Weighted Hamming Index)
- Inter-coder Reliability testing (Scott's PI)
- Possibility of exporting .json files to different formats (.csv; .xlsx) and with data organization options for data-mining calculations in R or Python.

LANGUAGE SKILLS

Lingua (CEFR)	Comprensione orale	Comprensione scritta	Produzione orale	Produzione scritta			
Italiano	C2	C2	C2	C2			
Madrelingua							
Inglese	C2	C2	C2	C2			
Certificato ALTE, University of Massachusetts Boston							
Tedesco	C2	C2	C2	C2			
Certificato ALTE, University of Massachusetts Boston							
Spagnolo	B2	B2	B2	B2			
Certificato CLA, Università degli Studi di Verona							
Russo	B2	B2	B2	B2			
Certificato CLA, Università degli Studi di Verona							

I hereby certify that the information reported in this document is true and complete to the best of my knowledge.

Date

03/04/2023

Signature

Elma rattei