INTED 2020

14th International Technology, Education and Development Conference

2-4 March, 2020 - Valencia (Spain)

CONFERENCE PROCEEDINGS

Sharing the Passion for Learning

INTED 2020

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TOWARDS A SPECIALISED REPOSITORY ON "MIGRATION STUDIES" THROUGH NEW FILTERS OF THE *SO.RE.COM. A.S. DE ROSA @-LIBRARY*

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Abstract

The aim of this contribution is to present some recent developments of the *So.Re.Com. "A.S. de Rosa" @-Library (Social Representations and Communication 'A.S. de Rosa' @-library),* already presented in previous publications ([1], [2], [3], [4], [5], [6], [7], [8], [9]) as *multi-purpose web-platform for documentation, training and networking in the supra-disciplinary field of Social Representations and Communication*

Among the many cross-thematic areas of supra-disciplinary interest (environment, health, education, science and technology, communication, politics, economics, etc.) with the high societal impact, the "migration studies" represent a relevant field of transversal knowledge across social sciences developed by the researchers specifically working in "Social Representations and Communication" and by social scientists inspired by other theories and disciplinary fields beyond social psychology.

There is a huge literature and documentation aimed at investigating and understanding the complex phenomenon of "migration" on factual elements, that characterise the dynamic of "pull" and "push" factors in the migratory flows in the history, alternating emigration/immigration from/towards countries and world regions or even concurrent migratory flows from the same countries, and the impact with host communities.

However in the multi-media communication system of our contemporary society this factual knowledge is almost obscured by "polarised" social representations connoted by opposite attitudes pro-against immigration and perceived as a contemporary emergency due to the "fear" or the "empathy" toward the immigrants depicted as "invaders", "potential terrorist", "threat to the employment opportunities of the citizens of their sovereign country".... or as "victims", "support for the economy of the country" as workers in fields that no longer interest native citizens, "refugees" who escape from war or natural disasters....The manipulation of emotions induced in the citizens by political leaders or other influential authorities according to their different ideological positions and identity affiliations has a wide "echo chamber" in the social media (Twitter, Facebook, Instagram, YouTube....). However, at some extent, the rhetorical device of these polarised views also organise the semantic dictionary of the policies documents and scientific literature (even only as input for counter-arguments) making significant some variables, like the author's institutional affiliation geographical location in the *specificities analysis* .

Linked to a wide research program on migratory experiences and discourse, articulated in "multi-media" and "field" studies - led by de Rosa since 2017 and developed in collaboration with a large research team ([10], [11], [12], [13], [14], [15], [16], [17], [18], [19], [20], [21], [22], [23], [24], [25], [26], [27], [28], [29], [30], [31], [32], [33]) - the acquisition of a huge documentation at several levels of the discourse has been the occasion of recent developments of the *So.Re.Com. "A.S. de Rosa" @-Library* through new filters. These specific web-tools further improve the @-library's functionalities, allowing to extract from distinct repositories the literature specifically inspired by Social Representations in a separate or aggregate way by the literature inspired by other theories in social sciences and communication studies, in view of detecting a large transversal corpus of sources toward a virtual specialised cross-paradigmatic and cross-disciplinary repository on "migration studies".

Selected results will be presented among those obtained by multidimensional analyses of data and meta-data extracted from different repositories of the *So.Re.Com. "A.S. de Rosa" @-Library.*

Keywords: So.Re.Com. "A.S. de Rosa" @-Library, new search filters, transversal corpus of sources on "migration studies".

1 INTRODUCTION

The aim of this contribution is to present some recent developments of the *So.Re.Com. "A.S. de Rosa" @-Library (Social Representations and Communication 'A.S. de Rosa' @-library)*, already presented in previous publications ([1], [2], [3], [4], [5], [6], [7], [8], [9]) as *multi-purpose web-platform for documentation, training and networking in the supra-disciplinary field of Social Representations and Communication*

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There is a huge literature and documentation aimed at investigating and understanding the complex phenomenon of "migration" on factual elements, that characterise the dynamic of "pull" and "push" factors in the migratory flows in the history, alternating emigration/immigration from/towards countries and world regions or even concurrent migratory flows from the same countries, and the impact with host communities.

However in the multi-media communication system of our contemporary society this factual knowledge is almost obscured by "polarised" social representations connoted by opposite attitudes pro-against immigration and perceived as a contemporary emergency due to the "fear" or the "empathy" toward the immigrants depicted as "invaders", "potential terrorist", "threat to the employment opportunities of the citizens of their sovereign country".... or as "victims", "support for the economy of the country" as workers in fields that no longer interest native citizens, "refugees" who escape from war or natural disasters....The manipulation of emotions induced in the citizens by political leaders or other influential authorities according to their different ideological positions and identity affiliations has a wide "echo chamber" in the social media (Twitter, Facebook, Instagram, YouTube....). However, at some extent, the rhetorical device of these polarised views also organise the semantic dictionary of the policies documents and scientific literature (even only as input for counter-arguments) making significant some variables, like the author's institutional affiliation geographical location in the *specificities analysis* .

2 METHODOLOGY

Linked to a wide research program on migratory experiences and discourse, articulated in "multi-media" and "field" studies - led by de Rosa since 2017 and developed in collaboration with a large research team ([10], [11], [12], [13], [14], [15], [16], [17], [18], [19], [20], [21], [22], [23], [24], [25], [26], [27], [28], [29], [30], [31], [32], [33]) - the acquisition of a huge documentation at several levels of the discourse has been the occasion of recent developments of the *So.Re.Com. "A.S. de Rosa" @-Library* through new filters. These specific web-tools further improve the @-library's functionalities, allowing to extract from distinct repositories the literature specifically inspired by Social Representations in a separate or aggregate way by the literature inspired by other theories in social sciences and communication studies, in view of detecting a large transversal corpus of sources toward a virtual specialised cross-paradigmatic and cross-disciplinary repository on "migration studies".

As regards the "*media studies*" a systematic analysis using different strategies for data analysis (multi-dimensional thematic analysis of correspondence, network analysis etc.) have been conducted on 6136 sources, collected in the years 2017 and 2018 and currently still improving as regard 2019.

In this contribution we will focus our attention on the "scientific discourse" about migrants, analyzing 246 texts (selected according to the criteria related to the presence of abstract from a wider corpus of 349 sources – currently still increasing).

The *key-words* for searching the texts were*: migrant, immigrant, refugees, migration, immigration.-* have been extracted from the three distinct repositories of the *SoReCom A.S.de Rosa @-library* (texts strictly inspired by: a. the social representations theory; b. communication and media studies (not referring to social representation theory); c. other theories and disciplinary approaches of the social sciences.).

The data analysis was carried on through the statistic program IRAMUTEQ (see (see Tab. 1 for the number of texts analysed, of the occurrences for forms, hapax and mean of occurrence by text).

In particular, two types of analysis were carried out: 1.the Specificity analysis both by author's Continent (1.a.) and by the theoretical inspiration of the analyzed texts and therefore their inclusion in the sub sections *SoReCom A.S.de Rosa @-library* (1.b.); 2. the Cluster analysis.

Table 1. Number of texts analysed by IRAMUTEQ, of the occurrences of forms,
hapax and mean of occurrence by text.

```
Abstract
Number of texts : 246
Number of occurrences : 51582
Number of forms : 5474
Number of hapax : 2513 (4.87%of occurrences - 45.91% of forms)
Mean of occurrences by text : 209.68
```

3 RESULTS

The empirical results selected for this paper will reply to the *key* question among others: is the "scientific discourse" about migrants less polarized than the discourses by the "political leaders", "journalists" and "lay people" of different ideological positioning?

Preliminary transversal results from various media channels of the discourses from political leaders, journalists and citizens (including four online newspapers of different ideological positioning from left to wright wings, the "all news" Italian broadcast SKY Tg24, and the social media Twitter, Facebook, Instagram and YouTube) ([10], [11], [12], [13], [14], [15], [16], [17], [18], [19], [20], [21], [22], [23], [24], [25], [26], [27], [28], [29], [30], [31], [32], [33]) show that the discourse about 'immigration' is very polarized.

Polarized Social Representations appear in all multi-media channels, characterized by closure / opening, aimed at exclusion or inclusion. The dichotomy of the polemical representations is polarized through:

a) the personification of the "immigrant" as invaders, exploiting job opportunities that should be reserved to own national citizens, or even potential terrorists, criminals, threat to the local economy, to security, and to the nation's culture and existence, legitimizing "fear" and evoking the "need for barriers" and protection of the own territory by the population of the host country versus the "migrants" as victims, escaping from war, poverty and extreme de-humanizing political and environmental conditions;

b) the contrasting geo-political perspective anchored to 'local' vs 'international' responsibility;

c) the recourse to socially recused extremist totalitarian ideologies such as Fascism, Nazism, colonialism and racism.

In order to reply to the above mentioned key question, a selection of results here presented have been obtained by multidimensional analyses of data and meta-data extracted from different repositories of the *So.Re.Com. "A.S. de Rosa" @-Library,* by applying the new filters.

The first analysis carried out is the Specificity Analysis that allows us to visualize on the Cartesian axis the distribution of the forms most used by the different modalities of the chosen variables.

Specifically, for this analysis the following variables were analyzed:

– Author's Continent

– "Sub-sections" of the *SoReCom A.S.de Rosa @-library*: literature inspired by:

o Social Representations theory

o Communication and media studies (not referring to social representation theory)

o Other theories and disciplinary approaches of the social sciences.

Our empirical results show that the strong dichotomy ("pro" and "anti" immigration) - found at the core of the analysis on the lay people discourse - does not characterize in the same way the "Scientific Discourse" .

Most of the contributions focus on the "humanitarian crisis", especially in the last decade, on the "identity processes" of migrants and of the host countries that receive them.

The results show a strong relevance of dimensions like "community" and "social memory" that moving from "historical" considerations elaborate "political", "institutional", "ethical" and "economic" answers.

Through the *analysis of specificities* it is possible to identify forms with the greatest impact on the variables and modalities used.

Analyzing the different modalities, especially relating to the variable "continent of origin of the authors", it can be noted how the discourse is different when results refer to the contributions of authors from USA. (Fig.1)

Words like "crime", "criminal" and "border" appear in relation to USA as continent of origin of the authors.

However by analyzing the U.C.E. (*elementary context unities*), it is possible to see how often these words are used as a response (and not necessarily as support) to the political and social climate in the USA and to the political discourse carried out by the president "Donald Trump", who dominates the social media used as "echo chamber" of political propaganda. ([11], [13], [18], [19])

Figure 1. Results from "specificities analysis" on sources of the scientific discourses on Migration by Author 's continent - MODALITIES

Our results show that in the texts of authors from United States of America, the discussion on "mental health" is also relevant.

This theme appears with a double connotation:

- On one hand associated with worries for the mental health of migrants, and the need to find solutions to avoid creating further problems;

- On the other hand associated with safety issue, wondering if it would be safe to insert in the community people with this type of problems. (Fig.2)
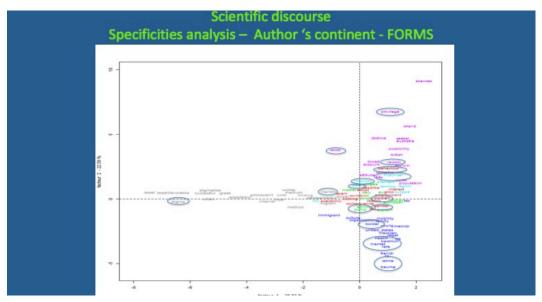

Figure 2. Results from "specificities analysis" on sources of the scientific discourses on Migration by Author 's continent - FORMS

Some interesting results from the paradigmatic and disciplinary perspective are based on the use of another variable related to the theoretical inspiration of the analyzed texts that determined their inclusion into the different "sub-sections" of the *So.Re.Com. A.S.de Rosa @-library*, used as modalities: a) Social Representations theory; b) Communication and media studies (not referring to social representation theory); c) Other theories and disciplinary approaches of the social sciences.

As expected from the empirical researches on the dissemination of the social representation literature across countries/continents ([6], [7], [8], [9], [33], [34], [35], [36], [37], [38]) most of contributions produced by authors from USA are anchored into theories from "Other Social Sciences" or "Communication", rather than into the Social Representations theory.

The theoretical inspiration or authors' disciplinary belonging contributes to diversify even the semantic focus of the literature. (Fig. 3)

Looking at the most diffused concepts/constructs detected from the USA contributions anchored mainly into "Other Social Sciences" we found words like "crisis", "security", "crime", "visa", "privilege", "discrimination".

The specific forms detected in contributions inspired by the Social Representations theory refer to constructs and processes, such as "identity", "process", "memory", "collective memory ", "social memory ".

The texts belonging to the "Communication and media studies" section present discourse focused on the migrants actors and their "adaptation" processes. Also the attention is towards "youth", "adolescents", "family" and the comparison between migrant and non-migrant "peers". (Fig. 4)
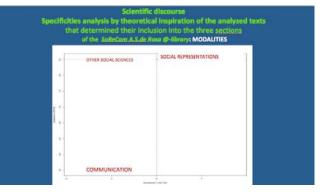

Figure 3. Results from "specificities analysis" on sources of the scientific discourses on Migration by the theoretical inspiration of the analysed texts and therefore their inclusion in the three sub-section of the So.Re,Com. 'A.S.de Rosa' @-library - MODALITIES
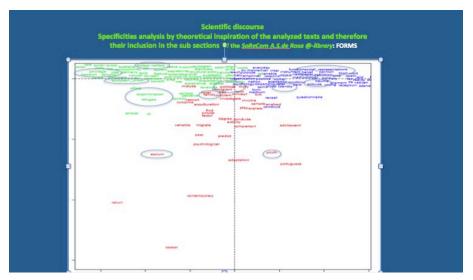

Figure 4. Results from "specificities analysis" on sources of the scientific discourses on Migration by the theoretical inspiration of the analysed texts and therefore their inclusion in the three sub-section of the So.Re,Com. 'A.S.de Rosa' @-library - FORMS

Results from the *Cluster Analysis* returned three classes:

- The *first cluster* includes more than 50% of the corpus. The higher *chi2 forms* refer to the theory of Social Representations, its constructs and processes.

  Strong are the references of this cluster to the "community", "understanding", "relationship", "society", "memory" and "history".

  In line with the previous results the reference variables are: "Latin America" as author's continent, "2009-2019" (as decade of publication) and "Social Representation" as specific theoretical inspiration;

- The *second cluster,* very connected to the first, focuses on the migrants' actors ("immigrant"), their "adaptation" processes and "mental health". Again the attention is towards "youth", "adolescents" and "family". In line with the result of the analysis of specificities the cluster specific variables are the decade of publication "2000-2010" and the belonging to the "Communication" sub-section of the SoReCom A.S.deRosa@-library.

- The *third cluster* is largely disconnected from the first two.

  The most influential forms included in this cluster refer to a more political, institutional/governmental and humanitarian context ("border", "EU", "security", "humanitarian crisis", "policy", "United States", "European Union".

Only in this cluster we found forms with a negative connotation such as "crime" or "criminal". The reference variables include "Other Social Sciences", and in line with the previous results, relating to the publication decade "2010-2019" and "US" as author's continent.
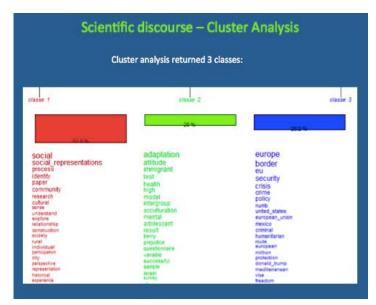

Figure 5. Results from Cluster Analysis on sources of the scientific discourses on Migration

4   CONCLUSIONS

In brief, the results based on the multidimensional analysis of the scientific discourse show evidence that most of the texts produced by the scientific community inspired by different paradigmatic and disciplinary approaches are oriented toward inclusive policies pro-immigration. However the dichotomy and polarized social representations that we detected by analyzing sources from other kind of "multi-voices" and "multi-agents" lay people's and political leaders' discourses appear also in the scientific discourse, in particular in the literature produced in the US, as echo of the Trump's rhetoric (even though in opposition and critical response). ([11], [13], [18], [19])

Looking at the interface between the technical development of the *So.Re.Com. "A.S. de Rosa" @-Library* not only as set of repositories for documentation purpose ([1], [2], [3], [4], [5], [6], [7], [8], [9]), but as a research digital infrastructure, the implementation of new filters is a promising research route towards a virtual specialised cross-paradigmatic and cross-disciplinary repository on "migration studies".

The results above presented offer an empirical confirmation of the interest to use sources detected from the three distinct subsection of the "*So.Re.Com. A.S. de Rosa @-library*" related to the paradigmatic and disciplinary inspiration of the texts by the Social Representations theory (also including Communication media studies, but explicitly within the paradigmatic inspiration by Social Representations theory); (a), by the Communication and Media studies (not referring to social representation theory); (b) or by other theories and disciplinary approaches of the social sciences (c). References of texts included in each of these three distinct subsections can be recognised for the section a. in [39], [40], [41], [42], [43], [44], [45], [46], [47], [48], [49], [50], [51], [52], [53], [54], [55], [56], [57], [58], [59], [60], [61], [62], [63], [64], [65]; for the section b. in [66], [67], [68], [69], [70], [71],[72]; for the section c, in [73], [74], [75], [76], [77], [78] – just to quote some examples selected among an impressive number of sources filled in the "*So.Re.Com. A.S. de Rosa @-library*".

At the same time the results show the interest to conduct cross-analyses on sources detected from the three sections, highlighting the relevance to face a complex study area like migration from a cross-paradigmatic and cross-disciplinary perspective.

ACKNOWLEDGEMENT

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