

31<sup>st</sup> International Lab Meeting – Summer Session 2016  
22<sup>nd</sup> International Summer School on Social Representations and Communication  
of the

**European/International Joint Ph.D. in Social Representations and Communication**

**The “methodological polytheism in the Social Representations literature and its implication in the contemporary communication era: distinctiveness and dialogue between multiple research methods (textual and image-based research sources and tools, traditional and new media-based research design, experimental and field oriented studies)**



**Anchoring different methodological options and research designs  
into various geo-cultural contexts-continents:**

**North America, Oceania, Asia, Africa  
– The New Emerging Scenarios -**

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# Introduction

- The diffusion of the Social Representations Theory -> *resistance in certain cultural contexts* <- heterogeneous cultural backgrounds of the researchers, less conducive of the socio-interactionist and socio-cultural premises of the theory (de Rosa, 2013).

## Current presentation

Based on an overview of 484 meta-theoretical analyses of a total of approximately 800 in the 4 geo-cultural contexts, preliminary results may show:

- General trend – higher focus on employing SRT *instrumentally* rather than *theoretical development* (more empirical studies, as compared to theoretical ones).

## *Preference for applied research*

	EMPIRICAL	THEORETICAL
NORTH - AMERICA	<b>157</b>	<b>126</b>
ASIA	<b>94</b>	<b>49</b>
OCEANIA & AUSTRALIA	<b>20</b>	<b>16</b>
AFRICA	<b>18</b>	<b>4</b>

# North America

## (Canada and the United States of America)

**North America: 157 empirical publications, 124 first authors => high diversity regarding thematic areas, research design and methods.**

First Authors of empirical publications *	Empirical publication (selected sample)	Country (Affiliation)	University (Affiliation)
Negura Lilian	7	Canada	University of Ottawa
Philogène Gina	6	United States	Sarah Lawrence College
Garnier Catherine	5	Canada	University of Quebec at Montreal
Quesnel Martine	4	Canada	University of Quebec at Montreal
Carignan Nicole	4	Canada	University of Quebec at Montreal
Dufort Francine	3	Canada	Laval University
Audebrand Luc K.	2	Canada	Laval University
Bastien Robert	2	Canada	University of Quebec at Montreal
Bou-Assy Foumia	2	Canada	Laval University
Bouchamma Yamina	2	Canada	Laval University
Deaux Kay	2	United States	The City University of New York
Gallant Nicole	2	Canada	National Institute of Scientific Research (University of Quebec)
Lavallée Marguerite	2	Canada	Laval University
Métioui Abdeljalil	2	Canada	University of Quebec at Montreal
Ouellet Chantal	2	Canada	Laval University
Parent Claudine	2	Canada	Laval University
Rivière Bernard	2	Canada	University of Quebec at Montreal
Guerreschi Luc	2	Canada	University of Quebec at Montreal
Vincent Suzanne	2	Canada	Laval University

*\*For first authors with less than 2 publications in the chosen sample, see Annex 1*

# North America

## (Canada and the United States of America)

<b>Thematic areas</b>	<b>Number of empirical publications</b>
<b>Health-Illness</b>	<b>46</b>
<b>Development-Education</b>	<b>20</b>
<b>Identity</b>	<b>16</b>
<b>Gender and family roles</b>	<b>12</b>
<b>Economics-Work-Organisation</b>	<b>8</b>
<b>Deviance</b>	<b>6</b>
<b>S.R.T., Meta-theory and Methodological Issues</b>	<b>6</b>
<b>Culture</b>	<b>5</b>
<b>Communication and multi-media</b>	<b>4</b>
<b>Environment</b>	<b>4</b>
<b>Interpersonal or Intergroup Relations and Dimensions</b>	<b>4</b>
<b>Politics-Ideology</b>	<b>1</b>

# North America (Canada and the United States of America) Methodological profile

## RESEARCH LOCATION

<b>LABORATORY</b>	<b>66</b>
FIELD	24

## RESEARCH DESIGN

<b>DESCRIPTIVE</b>	<b>100</b>
QUASI-EXPERIMENTAL	11

## NATURE OF RESEARCH

<b>INTER-GROUP</b>	<b>54</b>
LONGITUDINAL	15
CROSS-NATIONAL	3

# North America (Canada and the United States of America) Methodological profile

## *SAMPLING STRATEGY*

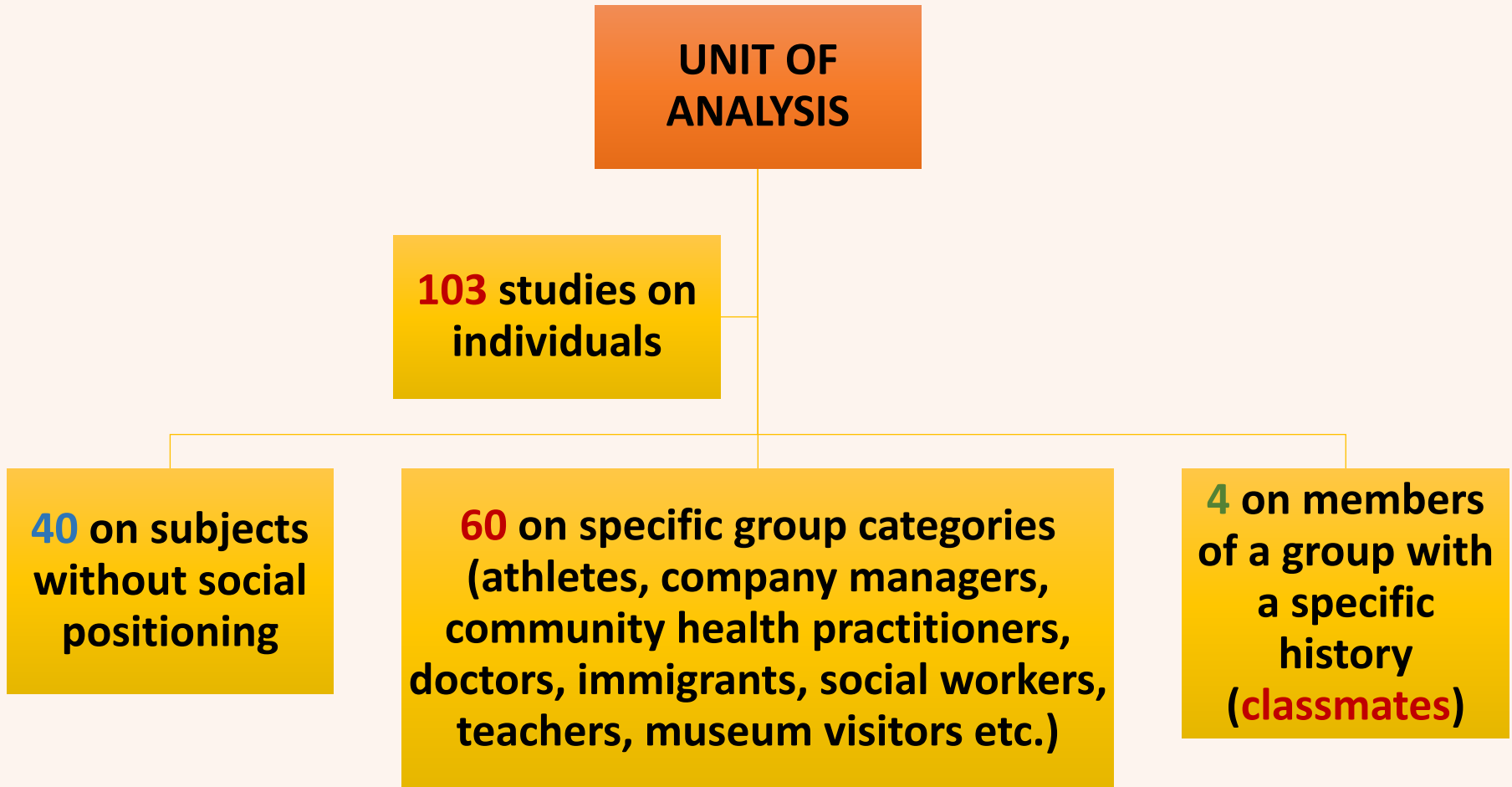
<b>CONVENIENCE</b>	<b>96</b>
<b>REPRESENTATIVE</b>	<b>7</b>
<b>QUOTE</b>	<b>2</b>
<b>RANDOM</b>	<b>2</b>

## *NUMBER OF SUBJECTS*

<b>Case study on 1 participant or less than 5</b>	<b>4</b>
<b>6-25</b>	<b>23</b>
<b>26-50</b>	<b>18</b>
<b>51-100</b>	<b>12</b>
<b>101-500</b>	<b>26</b>
<b>More than 500</b>	<b>10</b>

# North America (Canada and the United States of America)

## Methodological profile





# North America (Canada and the United States of America)

## Methodological profile

### INSTRUMENTS FOR DATA COLLECTION

STRUCTURED INSTRUMENTS	36
QUESTIONNAIRE	32
SCALES	7
LIST OF ADJECTIVES, VERBS, NOUNS, OBJECTS	1
CHARACTERIZATION QUESTIONNAIRE	1

OPEN INSTRUMENTS	81
SEMIDIRECTIVE INTERVIEW	52
WORD ASSOCIATION	14
FREE INTERVIEW	10
OPEN ENDED QUESTIONNAIRE	9
FOCUS GROUP	5
ASSOCIATIVE NETWORK	1
HIERARCHICAL EVOCATION	1
ACTION PLAY	1

# North America (Canada and the United States of America) Methodological profile

## INSTRUMENTS FOR DATA COLLECTION

FIGURATIVE GRAPHIC TECHNIQUES	4
VIGNETTE	2
DRAWING	1
MAP	1

OBSERVANT TECHNIQUES	8
STRUCTURED OBSERVATION	5
PARTICIPANT OBSERVATION	4

- *In North America, open instruments seem to be the prevalent instrument for data collection (namely, semi-directive interviews), followed by structured ones, specifically questionnaires.*
- *In some publications, more than one type of instrument is employed, as we may find in many publications of Lilian Negura: word association, questionnaires, interviews, focus groups (corruption, substance abuse).*
- *Gina Philogene has used both questionnaires and interviews when studying the emergence of a new social representation (African Americans), whereas Catherine Garnier seems to employ word association techniques along with questionnaires and interviews (classroom cooperation, health, education).*
- *Martine Quesnel, while studying cultural diversity in school contexts, uses questionnaires along with semi-directive interviews.*
- *All in all, we may observe a tendency towards “classical” instruments for data collection in this geo-cultural context, with a seemingly low penetration of figurative techniques and observant ones.*

# North America (Canada and the United States of America)

## Methodological profile

### CHANNEL USED AND SOURCE OF INFORMATION

<b>ORAL</b>	<b>51</b>
TEXTUAL	39
ORAL AND TEXTUAL	16

<b>FIGURATIVE</b>	<b>6</b>
MAPS	2
IMAGES	1
FILM	1

<b>BEHAVIOURAL</b>	<b>2</b>
INTERACTION	2
ACTIONTASK	1
GAME	1

<b>MEDIA AND ITS TYPE</b>	<b>23</b>
NEWSPAPERS, MAGAZINES	10
BASIC LITERATURE	5
DOCUMENTS	4
INTERNET	3
WEBSITE	2
SOCIAL NETWORK	1
CHAT	1
FORUM	1
TV	1
VIDEOTAPE	1
<b>HISTORIC ARTISTIC</b>	<b>1</b>

# North America (Canada and the United States of America)

## Methodological profile

### DATA ANALYSIS TECHNIQUES

QUALITATIVE	75
CONTENT ANALYSIS	45
THEMATIC ANALYSIS	9
DISCURSIVE CONTENT ANALYSIS	3
DISCOURSE ANALYSIS	2
LEXICAL ANALYSIS	1
NARRATIVE ANALYSIS	1
PHENOMENOLOGICAL ANALYSIS	1
BURKEAN DRAMATIST APPROACH	1

QUANTITATIVE	35
DESCRIPTIVE STATISTICS	27
MULTIVARIATE TECHNIQUES	20
BIVARIATE TECHNIQUES	19

PACKAGES	
ALCESTE	2
SPSS	2
EVOC	1
ALSCAL	1
SPAD T	1
ATLAsTi	1

# ASIA

Asia: **94** empirical publications, **76** first authors => **high diversity** regarding **thematic areas, research design and methods.**

First Authors of empirical publications *	Empirical publication (selected sample)	Country (Affiliation)	University (Affiliation)
Orr Emda	6	Israel	Ben-Gurion University of the Negev
Guan (管) Jian (健)	6	China	Nankai University
Cohen Erik H.	4	Israel	Bar-Ilan University
Liu Li	4	China	Beijing Normal University
Montiel Cristina Jayme	3	Philippines	Ateneo de Manila University - Quezon City
Chen (陈) Xiao-Jing (晓婧)	2	China	Yunnan University
Huang Li-Li	2	Taiwan	National Taiwan University
Hui Eadaoin K.P.	2	China	The University of Hong Kong
Levin-Rozalis Miri	2	Israel	Ben-Gurion University of the Negev
Mana Adi	2	Israel	Ben-Gurion University of the Negev
Zhou Yong Joe	2	China	Macau University of Science and Technology

*\*For first authors with less than 2 publications in the chosen sample, see Annex 2*

# ASIA

<b>Thematic areas</b>	<b>Number of empirical publications</b>
<b>Identity</b>	<b>18</b>
<b>Environment</b>	<b>13</b>
<b>Health-Illness</b>	<b>11</b>
<b>Development-Education</b>	<b>10</b>
<b>Politics-Ideology</b>	<b>10</b>
<b>Economics-Work-Organization</b>	<b>7</b>
<b>Gender and family roles</b>	<b>6</b>
<b>Culture</b>	<b>6</b>
<b>Interpersonal or Intergroup Relations and Dimensions</b>	<b>6</b>
<b>Deviance</b>	<b>3</b>
<b>Communication and multi-media</b>	<b>3</b>

# ASIA

## Methodological profile

### RESEARCH LOCATION

<b>LABORATORY</b>	<b>59</b>
<b>FIELD</b>	<b>14</b>

### RESEARCH DESIGN

<b>DESCRIPTIVE</b>	<b>71</b>
<b>QUASI-EXPERIMENTAL</b>	<b>6</b>
<b>EXPERIMENTAL</b>	<b>3</b>

### NATURE OF RESEARCH

<b>INTER-GROUP</b>	<b>37</b>
<b>LONGITUDINAL</b>	<b>5</b>
<b>CROSS-CULTURAL</b>	<b>2</b>
<b>CROSS-NATIONAL</b>	<b>1</b>

# ASIA

## Methodological profile

### *SAMPLING STRATEGY*

<b>CONVENIENCE</b>	<b>75</b>
<b>REPRESENTATIVE</b>	<b>3</b>
<b>RANDOM</b>	<b>1</b>

### *NUMBER OF SUBJECTS*

<b>Case study on 1 participant or less than 5</b>	<b>1</b>
<b>6-25</b>	<b>6</b>
<b>26-50</b>	<b>6</b>
<b>51-100</b>	<b>9</b>
<b>101-500</b>	<b>30</b>
<b>More than 500</b>	<b>19</b>



# ASIA

## Methodological profile

**UNIT OF ANALYSIS**

**78** studies on  
individuals

**48** on subjects  
without social  
positioning

**60** on specific group categories (kibbutz members, Maza people, Israeli immigrants, pesantren, Zionist religious members, volunteers for natural disasters assistance, teachers, second-generation Israelis etc.)

# ASIA

## Methodological profile

### INSTRUMENTS FOR DATA COLLECTION

<b>STRUCTURED INSTRUMENTS</b>	<b>40</b>
QUESTIONNAIRE	38
SCALES	13

<b>OPEN INSTRUMENTS</b>	<b>47</b>
FREE INTERVIEW	13
SEMIDIRECTIVE INTERVIEW	12
OPEN ENDED QUESTIONNAIRE	10
WORD ASSOCIATION	9
HIERARCHICAL EVOCATION	3
FOCUS GROUP	2
ASSOCIATIVE NETWORK	1
SELF IDENTIFICATION CONCEPTUAL NETWORK	1

# ASIA

## Methodological profile

### INSTRUMENTS FOR DATA COLLECTION

FIGURATIVE GRAPHIC TECHNIQUES	3
MAP	2
PHOTOS	1

OBSERVANT TECHNIQUES	4
STRUCTURED OBSERVATION	1
NON PARTICIPANT OBSERVATION	2

- *In Asia, open instruments seem to be the prevalent instrument for data collection (namely, free interviews), followed by structured ones, specifically questionnaires.*
- *Emda Orr has mainly used questionnaires and structured interviews -in his research on kibbutzim and Israeli identity, as well as Erik Cohen, in his research on Israeli youngsters and globalization, where he employed questionnaires and scales.*
- *In China, Jian Guan, within his research on rural to urban migrants and stigma, has mainly relied on free interviews, although he also employed questionnaires, while Xiao-Jing Chen's work on academia was developed with open-ended questionnaires.*
- *Cristina Montiel, while studying cultural identities, uses both hierarchical evocation and scales.*
- *All in all, we may observe again a tendency towards "classical" instruments for data collection in this geo-cultural context, with a seemingly low penetration of figurative techniques and observant ones.*

# ASIA

## Methodological profile

### CHANNEL USED AND SOURCE OF INFORMATION

<b>TEXTUAL</b>	<b>42</b>
ORAL	19
ORAL AND TEXTUAL	9

<b>FIGURATIVE</b>	<b>5</b>
IMAGES	3
FILM	2
MAPS	1
PHOTOS	1

<b>MEDIA AND ITS TYPE</b>	<b>8</b>
NEWSPAPERS, MAGAZINES	5
BASIC LITERATURE	1

# ASIA

## Methodological profile

### DATA ANALYSIS TECHNIQUES

<b>QUALITATIVE</b>	<b>34</b>
CONTENT ANALYSIS	26
DISCOURSE ANALYSIS	4
THEMATIC ANALYSIS	1

<b>QUANTITATIVE</b>	<b>33</b>
MULTIVARIATE TECHNIQUES	25
DESCRIPTIVE STATISTICS	19
BIVARIATE TECHNIQUES	18

<b>PACKAGES</b>	
SPSS	3
SPAD T	2
NVIVO	2
R	1
ATLAsTi	1

# OCEANIA & AUSTRALIA

**Oceania & Australia: 20 empirical publications, 17 first authors => high diversity regarding thematic areas, research design and methods.**

First Authors of empirical publications *	Empirical publication (selected sample)	Country (Affiliation)	University (Affiliation)
Moloney Gail	3	Australia	Southern Cross University
Lai Po-Hsin	2	Australia	The University of Newcastle

*\*For first authors with less than 2 publications in the chosen sample, see Annex 3*

# OCEANIA & AUSTRALIA

<b>Thematic areas</b>	<b>Number of empirical publications</b>
<b>Environment</b>	<b>5</b>
<b>Health-Illness</b>	<b>4</b>
<b>Culture</b>	<b>4</b>
<b>Communication and multi-media</b>	<b>3</b>
<b>Identity</b>	<b>3</b>
<b>Interpersonal or Intergroup Relations and Dimensions</b>	<b>2</b>
<b>Gender and family roles</b>	<b>1</b>
<b>Deviance</b>	<b>1</b>
<b>Social Psychology and other disciplines</b>	<b>1</b>

# OCEANIA & AUSTRALIA

## RESEARCH LOCATION

<b>LABORATORY</b>	<b>12</b>
FIELD	14

## RESEARCH DESIGN

<b>DESCRIPTIVE</b>	<b>18</b>
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## NATURE OF RESEARCH

<b>INTER-GROUP</b>	<b>54</b>
LONGITUDINAL	5
CROSS-CULTURAL	1



# OCEANIA & AUSTRALIA

## *SAMPLING STRATEGY*

<b>CONVENIENCE</b>	<b>16</b>
<b>REPRESENTATIVE</b>	<b>2</b>

## *NUMBER OF SUBJECTS*

<b>6-25</b>	<b>3</b>
<b>26-50</b>	<b>2</b>
<b>51-100</b>	<b>4</b>
<b>101-500</b>	<b>4</b>
<b>More than 500</b>	<b>3</b>

# OCEANIA & AUSTRALIA

## Methodological profile

**UNIT OF ANALYSIS**



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graph TD; A[UNIT OF ANALYSIS] --- B[20 studies on individuals]; B --- C[11 on subjects without social positioning]; B --- D[4 on specific group categories (English Canadians, parents, park employees, community members)]
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**20 studies on individuals**

**11 on subjects without social positioning**

**4 on specific group categories (English Canadians, parents, park employees, community members)**

# OCEANIA & AUSTRALIA

## Methodological profile

### INSTRUMENTS FOR DATA COLLECTION

<b>STRUCTURED INSTRUMENTS</b>	<b>6</b>
QUESTIONNAIRE	5
SCALES	3

<b>OPEN INSTRUMENTS</b>	<b>10</b>
SEMIDIRECTIVE INTERVIEW	8
OPEN ENDED QUESTIONNAIRE	5
FREE INTERVIEW	1
WORD ASSOCIATION	2
FOCUS GROUP	2
ASSOCIATIVE NETWORK	1

# OCEANIA & AUSTRALIA

## Methodological profile

### INSTRUMENTS FOR DATA COLLECTION

FIGURATIVE GRAPHIC TECHNIQUES	1
DRAWING	1

OBSERVANT TECHNIQUES	1
PARTICIPANT OBSERVATION	1

*Given the size of the sample employed, these results should be taken illustratively.*

- *In order to study organ donation, political change and climate change, Gail Moloney has employed word association tasks, figurative graphic techniques (namely, analysis of political cartoons) and focus groups.*
- *Po-Hsin Lai has researched tourism and its effects on the locals by using semi-directive interviews, while James H. Liu and Jolanda Jetten, in studying social representations of history, has mainly relied on questionnaires.*
- *Chris Sibley, in his work on cultural identity, has relied on structured instruments, such as questionnaires and scales.*
- *All in all, we may observe a tendency towards open instruments for data collection in this geo-cultural context, with a seemingly low penetration of figurative techniques and observant ones.*

# OCEANIA & AUSTRALIA

## Methodological profile

### CHANNEL USED AND SOURCE OF INFORMATION

<b>TEXTUAL</b>	<b>10</b>
ORAL	8
ORAL AND TEXTUAL	1

<b>FIGURATIVE</b>	<b>1</b>
Paintings or artworks	1

<b>MEDIA AND ITS TYPE</b>	<b>5</b>
NEWSPAPERS, MAGAZINES	3
RADIO	1
INTERNET	1
<b>HISTORIC ARTISTIC</b>	<b>1</b>

# OCEANIA & AUSTRALIA

## Methodological profile

### DATA ANALYSIS TECHNIQUES

QUALITATIVE	11
CONTENT ANALYSIS	4
THEMATIC ANALYSIS	2
DISCURSIVE CONTENT ANALYSIS	2
DISCOURSE ANALYSIS	2
ANALYSIS OF SEMANTIC NETWORKS	1

QUANTITATIVE	6
DESCRIPTIVE STATISTICS	6
MULTIVARIATE TECHNIQUES	4
BIVARIATE TECHNIQUES	3

PACKAGES	
ALCESTE	2
SPSS	2
SPAD T	2
ALSCAL	1
EVOC	1
ATLAS <i>t</i> i	1

# AFRICA

**AFRICA: 18 empirical publications, 14 first authors => high diversity regarding thematic areas, research design and methods.**

First Authors of empirical publications *	Empirical publication (selected sample)	Country (Affiliation)	University (Affiliation)
Ben Alaya Dorra	4	Tunisia	University of Tunis El Manar
Kessi Shose	2	South Africa	University of Cape Town

*\*For first authors with less than 2 publications in the chosen sample, see Annex 4*

# AFRICA

<b>Thematic areas</b>	<b>Number of empirical publications</b>
<b>Health-Illness</b>	<b>6</b>
<b>Identity</b>	<b>2</b>
<b>Gender and family roles</b>	<b>2</b>
<b>Economics-Work-Organisation</b>	<b>2</b>
<b>Politics-Ideology</b>	<b>2</b>
<b>Deviance</b>	<b>1</b>
<b>Culture</b>	<b>1</b>
<b>Communication and multi-media</b>	<b>1</b>
<b>Environment</b>	<b>1</b>
<b>Interpersonal or Relations and Dimensions</b>	<b>1</b>



# AFRICA

## Methodological profile

### RESEARCH LOCATION

<b>LABORATORY</b>	<b>10</b>
FIELD	4

### RESEARCH DESIGN

<b>DESCRIPTIVE</b>	<b>14</b>
QUASI-EXPERIMENTAL	2

### NATURE OF RESEARCH

<b>INTER-GROUP</b>	<b>6</b>
LONGITUDINAL	2
CROSS-NATIONAL	1

# AFRICA

## Methodological profile

### *SAMPLING STRATEGY*

<b>CONVENIENCE</b>	<b>14</b>
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### *NUMBER OF SUBJECTS*

<b>Case study on 1 participant or less than 5</b>	<b>1</b>
<b>6-25</b>	<b>2</b>
<b>26-50</b>	<b>4</b>
<b>51-100</b>	<b>1</b>
<b>101-500</b>	<b>4</b>

# AFRICA

## Methodological profile

**UNIT OF ANALYSIS**



```
graph TD; A[UNIT OF ANALYSIS] --> B[11 studies on individuals]; B --> C[8 on subjects without social positioning]; B --> D["3 on specific group categories (white females, people suffering from dementia, health caregivers, homeless youngsters etc.)"]
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**11** studies on individuals

**8** on subjects without social positioning

**3** on specific group categories (white females, people suffering from dementia, health caregivers, homeless youngsters etc.)

# AFRICA

## Methodological profile

### INSTRUMENTS FOR DATA COLLECTION

<b>STRUCTURED INSTRUMENTS</b>	<b>6</b>
QUESTIONNAIRE	4
SCALES	2

<b>OPEN INSTRUMENTS</b>	<b>12</b>
FOCUS GROUP	4
WORD ASSOCIATION	3
OPEN ENDED QUESTIONNAIRE	3
SEMIDIRECTIVE INTERVIEW	2
HIERARCHICAL EVOCATION	1
FREE INTERVIEW	10

# AFRICA

## Methodological profile

### INSTRUMENTS FOR DATA COLLECTION

FIGURATIVE GRAPHIC TECHNIQUES	2
PHOTOVOICE	2

*Given the size of the sample employed, these results should be taken illustratively.*

- *In her research focused on gender, political change, globalization and identity, Dorra Ben Alaya has employed word association tasks and scales, whereas Shose Kessi has studied national and supra-national identity with photovoice.*
- *Photovoice - group analysis method combining photography with grassroots social action*
  - *Participants are asked to represent their communities or express their points of view by photographing scenes that highlight research themes.*
  - *These photographs are collaboratively interpreted, and narratives can be developed that explain how the photos highlight a particular research theme.*

# AFRICA

## Methodological profile

### CHANNEL USED AND SOURCE OF INFORMATION

<b>ORAL</b>	<b>2</b>
<b>TEXTUAL</b>	<b>10</b>
<b>ORAL AND TEXTUAL</b>	<b>1</b>

<b>FIGURATIVE</b>	<b>2</b>
<b>PHOTOS</b>	<b>2</b>

<b>MEDIA AND ITS TYPE</b>	<b>3</b>
<b>INTERNET</b>	<b>2</b>
<b>NEWSPAPERS, MAGAZINES</b>	<b>1</b>
<b>SOCIAL NETWORK</b>	<b>1</b>

# AFRICA

## Methodological profile

### DATA ANALYSIS TECHNIQUES

<b>QUALITATIVE</b>	<b>8</b>	<b>QUANTITATIVE</b>	<b>15</b>
<b>CONTENT ANALYSIS</b>	<b>4</b>	<b>DESCRIPTIVE STATISTICS</b>	<b>8</b>
<b>THEMATIC ANALYSIS</b>	<b>3</b>	<b>BIVARIATE TECHNIQUES</b>	<b>3</b>
<b>DISCURSIVE CONTENT ANALYSIS</b>	<b>1</b>	<b>MULTIVARIATE TECHNIQUES</b>	<b>2</b>
<b>DISCOURSE ANALYSIS</b>	<b>1</b>		

# Final thought

To conclude in the words of the creator of Social Representations Theory himself,

**we are too often unmindful to matters that lie in plain sight** (Moscovici, 1984); within the realm of this theory, the heterogeneity and pluralism inherent to its cultural, ideological and methodological evolution often overwhelms and discourages practitioners from grasping its conceptual thread when operationalizing it and presenting human realities through its lenses.

And if in 1983, Moscovici and Hewstone explained that, as in the case of inception for any theory, the theoreticians and researchers in Social Representations Theory were then attempting **“to paint several themes in broad brush strokes, rather than to focus on the minutiae”** (Moscovici & Hewstone, 1983, p. 125),

**the time has come now, fifty years after the birth of this scientific domain, to shift our efforts to a systematic analysis of such details in drawing the imperatively required conclusions from meta-theoretically analyzing (de Rosa, 2013) the “broad brush strokes” so that Social Representations Theory may be exceptionally represented at the meta-theoretical level as the “grand theory” it is (Doise, 1993).**



# References

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Moscovici, S., & Hewstone, M. (1983). Social representations and social explanations: From the "naive" to the "amateur" scientist. *Attribution theory: Social and functional extensions*, 98-125.

# ANNEX 1

## *North America* - First Authors of empirical publications with one publication in the chosen sample

First Authors of empirical publications	Empirical publication (selected sample)	Country (Affiliation)	University (Affiliation)
April Nicole	1	Canada	National Institute of Public Health
Beaulieu Marie	1	Canada	University of Sherbrooke
Bedos Christophe	1	Canada	McGill University
Bellavance Maria	1	Canada	University of Quebec at Montreal
Belleau H�el�ene	1	Canada	University of Quebec at Montreal
Beres Laura K.	1	United States	Emory University
Bergeron Annie	1	Canada	Laval University
Bikmen Nida	1	United States	Denison University
Boucheron Laurence	1	Canada	University of Montreal
Boulanger Dany	1	Canada	University of Sherbrooke
Broadway Michael J.	1	United States	Northern Michigan University
Buteau Ellie	1	United States	The Center for Effective Philanthropy
Carpentier Norman	1	Canada	University Institute of Geriatrics of Montreal
Chhabra Deepaki	1	United States	Arizona State University
Cicourel Aaron	1	United States	University of California
Clermont Michel	1	Canada	Minister of Health and Social Services
Corsaro William A.	1	United States	Indiana University Bloomington
Cosette Pierre	1	Canada	University of Quebec at Montreal
Crabb Peter B.	1	United States	The Pennsylvania State University
Cvetkovich George	1	United States	Western Washington University

# ANNEX 1

## *North America* - First Authors of empirical publications with one publication in the chosen sample

First Authors of empirical publications	Empirical publication (selected sample)	Country (Affiliation)	University (Affiliation)
Daniel Ella	1	Canada	University of Toronto
Daniel Mari-France	1	Canada	University of Montreal
Daudelin Genevieve	1	Canada	University of Montreal
del Pilar Duque Maria	1	United States	University of Minnesota-Twin Cities
Demers Andrée	1	Canada	University of Montreal
Desjardins Michel	1	Canada	University of Montreal
Devos Thierry	1	United States	San Diego State University
Dougherty Katherine Cutts	1	United States	University of Colorado at Boulder
Dubé Eve	1	Canada	National Institute of Public Health
Fortin-Pellerin Laurence	1	Canada	University of Ottawa
Galin Igor A.	1	Canada	Laval University
Gauthier Elisabeth	1	Canada	University of Quebec at Montreal
Gendron Marie-Claude	1	Canada	University of Montreal
Gingras Anne Marie	1	Canada	Laval University
Gonin Audrey	1	Canada	University of Quebec at Montreal
Gonzales Roberto G.	1	United States	University of Washington
Gould Benina	1	United States	Saybrook University
Gries Peter Hays	1	United States	University of Oklahoma
Guicherd-Callin Lilian Bernard	1	Canada	University of Quebec at Montreal
Guillem Susana Martinez	1	United States	The University of New Mexico

# ANNEX 1

## *North America* - First Authors of empirical publications with one publication in the chosen sample

First Authors of empirical publications	Empirical publication (selected sample)	Country (Affiliation)	University (Affiliation)
Guyon Louise	1	Canada	National Institute of Public Health
Hall-Ngom Virginia	1	Canada	University of Quebec at Montreal
Harrison Tyler R.	1	United States	University of Washington
Hawang Yoori	1	United States	Iowa State University
Hraba Joseph	1	United States	The City University of New York
Hui Amber	1	United States	University of Minnesota-Twin Cities
Isabelle Claire	1	Canada	University of Ottawa
James Jennie	1	Canada	Ontario Cancer Institute-Princess Margaret Hospital
Jones Bethany	1	United States	University of Massachusetts Amherst
Jutras Sylvie	1	Canada	University of Quebec at Montreal
Kreindler Sara	1	Canada	University of Manitoba
Labra Oscar	1	Canada	University of Quebec and Abitibi-Témiscamingue
Laflamme-Lagoke Mobolaji	1	Canada	University of Ottawa
Larochelle Marie	1	Canada	Université Laval
Larose François	1	Canada	University of Sherbrooke
Le Cren Frédéric	1	Canada	University of Quebec at Montreal
Lebel Estelle	1	Canada	Laval University
Lebrun Monique A.	1	Canada	University of Quebec at Montreal
LeClair Cedee-Anne	1	Canada	University of Montreal
Lefebvre Hélène	1	Canada	University of Quebec at Montreal

# ANNEX 1

## *North America* - First Authors of empirical publications with one publication in the chosen sample

First Authors of empirical publications	Empirical publication (selected sample)	Country (Affiliation)	University (Affiliation)
Lenoir Yves	1	Canada	University of Sherbrooke
Levy René	1	Canada	University of Montreal
Libert Rachel Jane	1	United States	The City University of New York
Lussier Denise	1	Canada	McGill University
Mapto Kengne Valése	1	Canada	University of Montreal
Marchildon Annie	1	Canada	Laval University
Mario Richard	1	Canada	University of Quebec at Montreal
Maurer Joshua	1	United States	Washington State University
Menéndez Alarcón Antonio V.	1	United States	Butler University
Mérand Frederic	1	Canada	University of Montreal
Mereus Witnisse	1	Canada	University of Quebec at Montreal
Meunier Eric	1	Canada	Laval University
Mindlis Irina	1	United States	Icahn School of Medicine at Mount Sina
Morgan Susan E.	1	United States	Purdue University
Niquette Manon	1	Canada	Laval University
Nishida Akemi	1	United States	Columbia University in the City of New York
Osborne Barbara	1	United States	University of North Carolina at Chapel Hill
Pelchat Diane	1	Canada	University of Montreal
Pennebaker James W.	1	United States	The University of Texas at Austin
Pérez Ibarra Irene	1	United States	Arizona State University

# ANNEX 1

## *North America* - First Authors of empirical publications with one publication in the chosen sample

First Authors of empirical publications	Empirical publication (selected sample)	Country (Affiliation)	University (Affiliation)
Perkins Jerry	1	United States	University of West Georgia
Poore Joshua C.	1	United States	University of California
Ramaswami Mahalingam	1	United States	University of Michigan
Reid Grace	1	Canada	Mount Royal University
Rooney Elizabeth	1	Canada	Laval University
Ruel Francoise	1	Canada	University of Sherbrooke
Saias Thomas	1	Canada	University of Quebec at Montreal
Savoie-Zajc Lorraine	1	Canada	University of Quebec in Outaouais
Schmitz Mark	1	United States	Rutgers, The State University of New Jersey-New
Shoeneman Thomas Johan	1	United States	Lewis and Clark College
Simard Myriam	1	Canada	National Institute of Scientific Research (University of Quebec)
Sofyan Alhamid	1	Canada	University of Alberta
Souan Charles	1	Canada	Laval University
Swoboda Debra	1	United States	The City University of New York
Tousignant Michel	1	Canada	University of Sherbrooke
Trocki Karen	1	United States	Public Health Institute
Vaast Emmanuelle	1	Canada	McGill University
Walsh Suzanne	1	Canada	University of Quebec at Montreal
Weis Lois	1	United States	State University of New York College at Buffalo
Whitehead Jaye Cee	1	United States	Pacific University
Wisniewski Angela Eileen	1	Canada	University of New Brunswick

# ANNEX 2

## *Asia - First Authors of empirical publications with one publication in the chosen sample*

First Authors of empirical publications	Empirical publication (selected sample)	Country (Affiliation)	University (Affiliation)
Agung Ayu Ratih	1	Indonesia	Indonesian Institute of Social History
Bar-Tal Daniel	1	Israel	Tel Aviv University
Ben-Asher Smadar	1	Israel	Ben-Gurion University of the Negev
Campbell Carol	1	United Arab Emirates	Zayed University
Cao (曹) Zhen-Yu (震宇)	1	China	Jiangsu Union Technical Institute
Chen Shun-Wen	1	Taiwan	National Tsing Hua University
Cho Jung-Shin	1	South Korea	Konyang University
Choi Sang-Chin	1	South Korea	Chung-Ang University
Dai (戴) Guang-Quan (光全)	1	China	South China University of Technology
Dixit Shikha	1	India	Indian Institute of Technology, Kanpur
Ercan Nilüfer	1	Turkey	Middle East Technical University
Fan (范) Xiaohui (晓慧)	1	China	NanJing XiaoZhuang University
Fang(方) Wen(文)	1	China	Peking University
Hibino Aiko	1	Japan	Kyoto University
Hong Soonki	1	South Korea	Sungkyunkwan University
Hsieh Na-min	1	Taiwan	China Evangelical Seminary
Hsu Shih Chi	1	Taiwan	National Taiwan University
Inzon Charlie	1	Philippines	Notre Dame of Jolo College
Jung Kang Yoon	1	South Korea	Sungkyunkwan University
Kerbage Hala	1	Lebanon	Saint Joseph's University

# ANNEX 2

## *Asia* - First Authors of empirical publications with one publication in the chosen sample

First Authors of empirical publications	Empirical publication (selected sample)	Country (Affiliation)	University (Affiliation)
Kobayashi Hitoshi	1	Japan	Osaka University
Koichi Suwa	1	Japan	Osaka University
Kudo Kazuhiro	1	Japan	Dokkyo University, Soka, Japan
Lavie-Ajayi Maya	1	Israel	Tel-Hai College
Leung Kwok	1	China	The University of Hong Kong
Li (李) Fenglan (凤兰)	1	China	Huazhong Agricultural University
Lin (林) Cuisheng (翠生)	1	China	Fujian Normal University
Lin (林) Feng (枫)	1	China	Nanjing Medical University
Liu (刘) Jie (洁)	1	China	Fujian Normal University
Madyaningrum Monica Eviandaru	1	Indonesia	Sanata Dharma University of Yogyakarta
Maor Ofri	1	Israel	Ben-Gurion University of the Negev
Maurya Alankrita Singh	1	India	Indian Institute of Technology, Kanpur
Meliono-Budianto Irmayanti	1	Indonesia	Indonesia University
Moshe Mira	1	Israel	Ariel University
Musabiq Sugiarti	1	Indonesia	Indonesia University
Muwardani Resky	1	Indonesia	Indonesia University
Okamoto Takuya	1	Japan	Kwansei Gakuin University
Park Sangyong	1	South Korea	Sungkyunkwan University
Paryent Bilha	1	Israel	Achva Academic College
Pitaloka Ardiningtiyas	1	Indonesia	Yarsi University
Prawasti Cicilia Yeti	1	Indonesia	Indonesia University



# ANNEX 2

## Asia - First Authors of empirical publications with one publication in the chosen sample

First Authors of empirical publications	Empirical publication (selected sample)	Country (Affiliation)	University (Affiliation)
Rathaur Manjula	1	India	Centre for Applied Sociology
Sen Ragini	1	India	Logistics
Setiasih Urip Goro	1	Indonesia	Surabaya University
Shi (石) Changhui (长慧)	1	China	Tsinghua University
Sinha Chetan	1	India	Christ University
Sulistiowati Diah Rahayuningsih	1	Indonesia	Indonesian Biodiversity Foundation
Sun (孙) Jiu-Xia (九霞)	1	China	Sun Yat-sen University
Susada Bryan Lendio	1	Philippines	Davao Oriental State College of Science and Technology
Tuval Smadar	1	Israel	The Kaye College of Education
Wardhani Citra	1	Indonesia	Center for Social Representation Studies Indonesia
Wulansari Lisa	1	Indonesia	Atma Jaya Catholic University of Indonesia
Xin(辛) Ba(巴)	1	China	Central China Normal University
Xue(薛) Yi(艺)	1	China	Anhui Normal University
Yamori Katsuya	1	Japan	Nara University
Yan (闫) Hong-Wei (宏微)	1	China	Nanjing University of Science and Technology
Yang (杨) Yi-Yin (杨宜音)	1	China	Chinese Academy of Social Sciences
Zang (臧) Wei-Ling (伟玲)	1	China	Nankai University
Zawan Hoferdy	1	Indonesia	Indonesian Archipelago Culture Initiatives
Zhang (张) Chao-Zhi (朝枝)	1	China	Sun Yat-sen University
Zhou (周) Yong-Kang (永康)	1	China	Xinan University

# ANNEX 3

## *Oceania* - First Authors of empirical publications with one publication in the chosen sample

First Authors of empirical publications	Empirical publication (selected sample)	Country (Affiliation)	University (Affiliation)
Barnett Alison Reremoana	1	New Zealand	The University of Waikato
Callaghan Peta	1	Australia	Southern Cross University
Correia Helen	1	Australia	Murdoch University
Girling Adrienne N.	1	New Zealand	Victoria University of Wellington
Hanson-Easey Scott	1	Australia	University of Adelaide
Hodgetts Darrin	1	New Zealand	The University of Waikato
Hyde Melissa K.	1	Australia	Griffith University
Jetten Jolanda	1	Australia	The University of Queensland
Liu James H.	1	New Zealand	Victoria University of Wellington
Moore Stephen H.	1	Australia	Macquarie University
Moscardo Gianna	1	Australia	James Cook University
Reser Joseph Patrick	1	Australia	Griffith University
Riggs Damien W.	1	Australia	University of Adelaide
Russell Cherry	1	Australia	The University of Sydney
Sibley Chris G.	1	New Zealand	The University of Auckland

# ANNEX 4

## *Africa-* First Authors of empirical publications with one publication in the chosen sample

First Authors of empirical publications	Empirical publication (selected sample)	Country (Affiliation)	University (Affiliation)
Baah-Odoom Dinah	1	Ghana	University of Ghana
Cheour Marie	1	Tunisia	Razi Hospital
Chikutsa Antony	1	Zimbabwe	Zimbabwe Open University
De Kock Lauren	1	South Africa	University of the Witwatersrand
Faimau Gabriel	1	Botswana	University of Botswana
Ghachem Inès	1	Tunisia	University of Sfax
Howard-Paynea Lynlee	1	South Africa	University of the Witwatersrand
Kallel Slim	1	Tunisia	University of Tunis
Lourenço Marcos Artur	1	Mozambique	Polytechnic University Kilimanjaro Christian Medical
Mushi Declare	1	Tanzania	University College
Ng-Tseung Caroline	1	Mauritius	University of Mauritius
Ould'Hamady Ahmed	1	Mauritania	Neuro-Psychiatric Centre