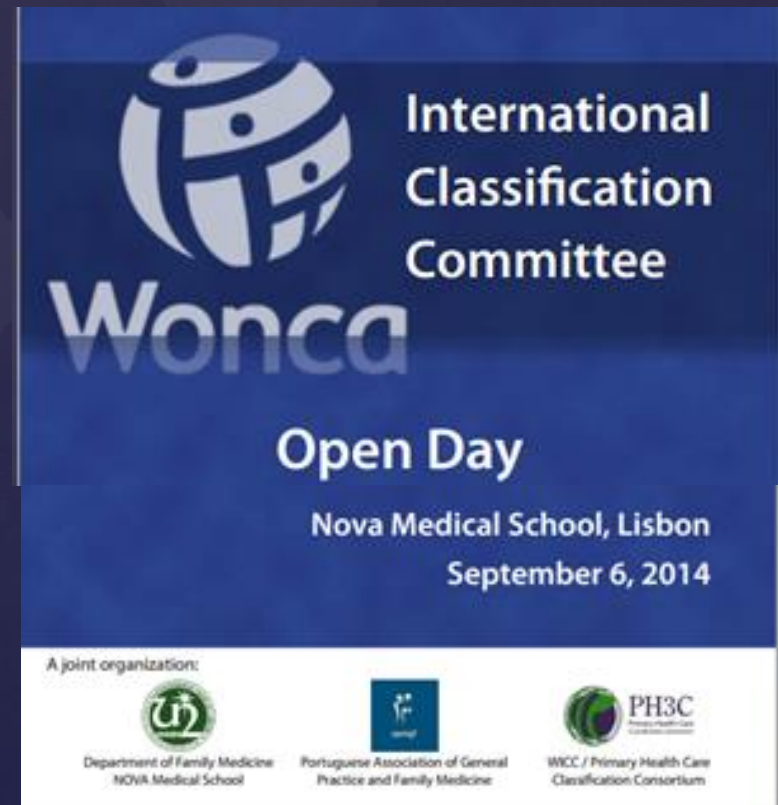


Content analysis of abstracts of communications of GPs during congresses, a step forward.

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Wonca Europe

World family doctors. Caring for people.

Europrev

Euripa

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Author(s)

soler

Title contains

Text contains

Conference

Apply



Wonca Europe Congresses

- ☐ Wonca 2016 - Copenhagen
- ☐ Wonca 2015 - Istanbul
- ☐ Wonca 2014 - Lisbon
- ☐ Wonca 2013 - Prague
- ☐ Wonca 2012 - Vienna
- ☐ Wonca 2011 - Warsaw
- ☐ Wonca 2010 - Malaga
- ☐ Wonca 2009 - Basel
- ☐ Wonca 2008 - Istanbul
- ☐ Wonca 2007 - Paris
- ☐ Wonca 2006 - Firenze
- ☐ Wonca 2005 - Kos
- ☐ Wonca 2004 - Amsterdam
- ☐ Wonca 2003 - Ljubljana
- ☐ Wonca 2002 - London
- ☐ Wonca 2001 - Tampere
- ☐ Wonca 2000 - Vienna
- ☐ Wonca 1999 - Palma de Mallorca
- ☐ Wonca 1997 - Prague
- ☐ Wonca 1995 - Strasbourg

GPs are working hard to gain the right to communicate during congresses

Often more than 50% of this work is not subject to publication

{ 55% VanRoyen 2010, 48% Hummers-Pradier 2007, 65% Post 2013}.

Lack of indexing system

50% of specific knowledge lost

This database contains all the abstracts presented during a WONCA Europe conference since 1995!

Conference

Title

Author(s)

Text

Existing Indexing systems

MeSH

25.000

“Because MeSH originally was intended for use with clinical documents, the problem has always been how to adapt it to cover the range of a family physician’s non-clinical activities”
{Dunikowsky 2014, personal comm.}

FAMLI 1980 - 1992

{Fitzgerald1980} {Dunikowsky 1992}

Pre Internet age / Ian R. McWhinney initiative

List of specific descriptors for GP/FM

MeSH related / Wonca backed

ICPC

Looks convenient for clinical themes including process

Don’t fit for non clinical issues

Not proven

Looking for an indexing system for non clinical theme



1987

Seminal ideas of Prof Henk Lamberts † UVA

Q-Codes

Pre Internet age

Used with ICPC to code bibliography

DBase



2007

Core Content Classification in GP/FM 3CGP

Empirical construct, analyse of Wonca 2007 abstracts

Followed in 2013 by analyse of APMGF Covilha abstracts

Excel



SQL

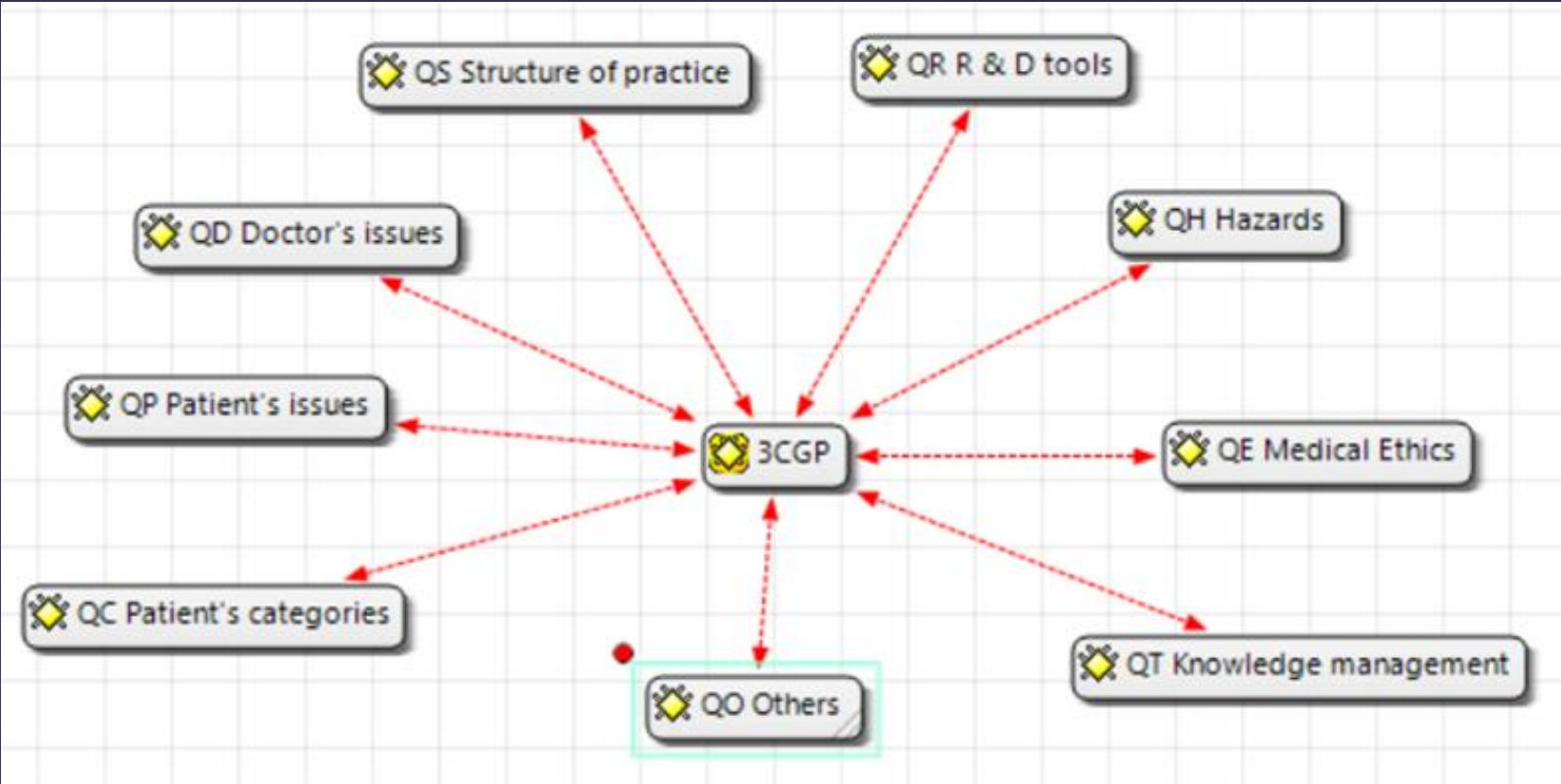
2014

Empirical construct (followed)

Using Content Analysis Software ATLAS.ti

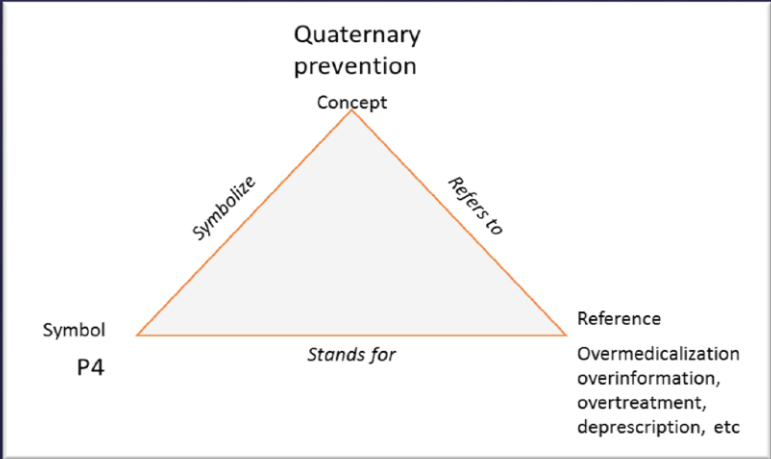
4 more congresses (.fr. 2013 & 2014 /.ch 2014 /.be 2014.)

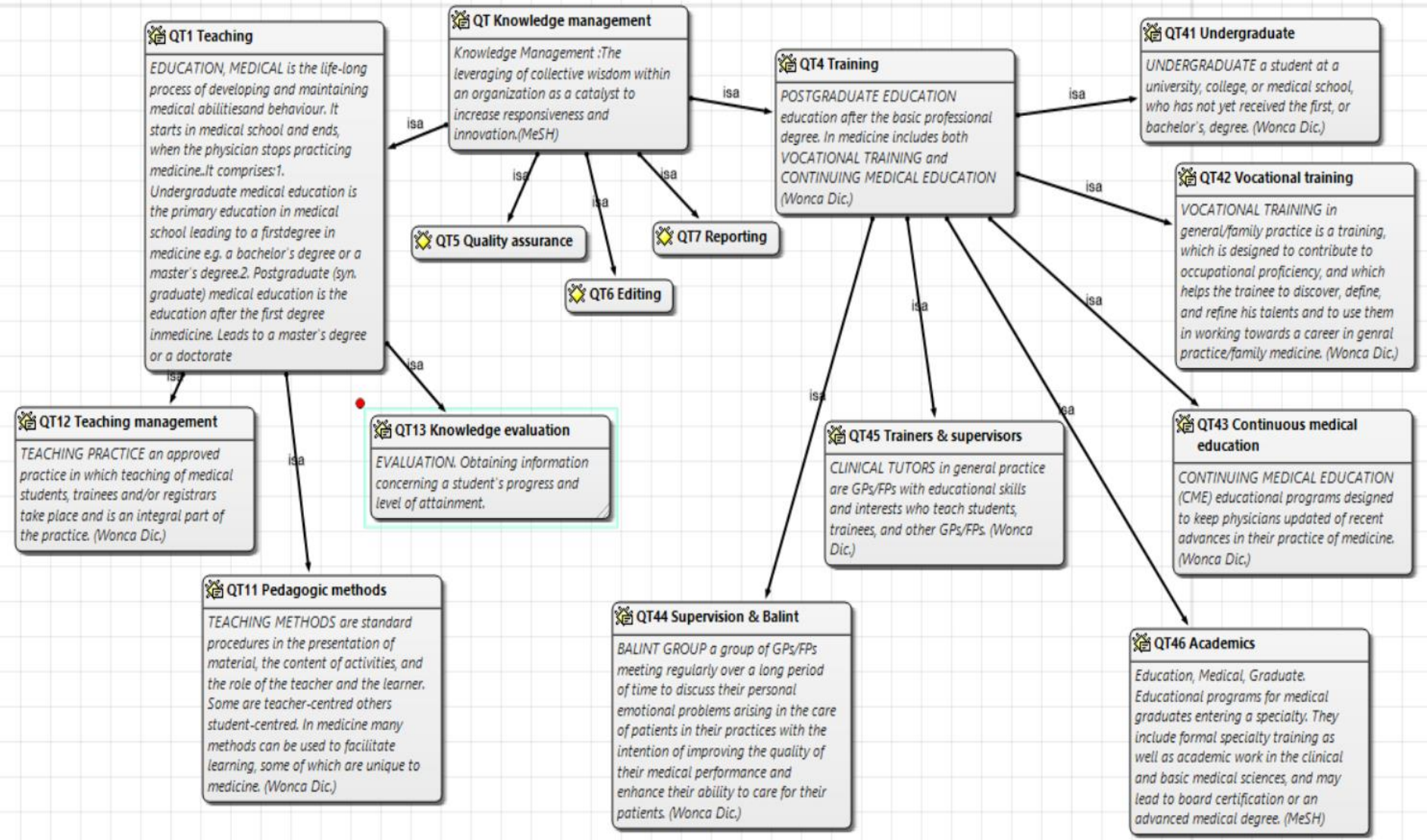
Semantic
web



3CGP content

Eight domains and one rag bag,
so far the best main domains I
can observe on a conceptual basis

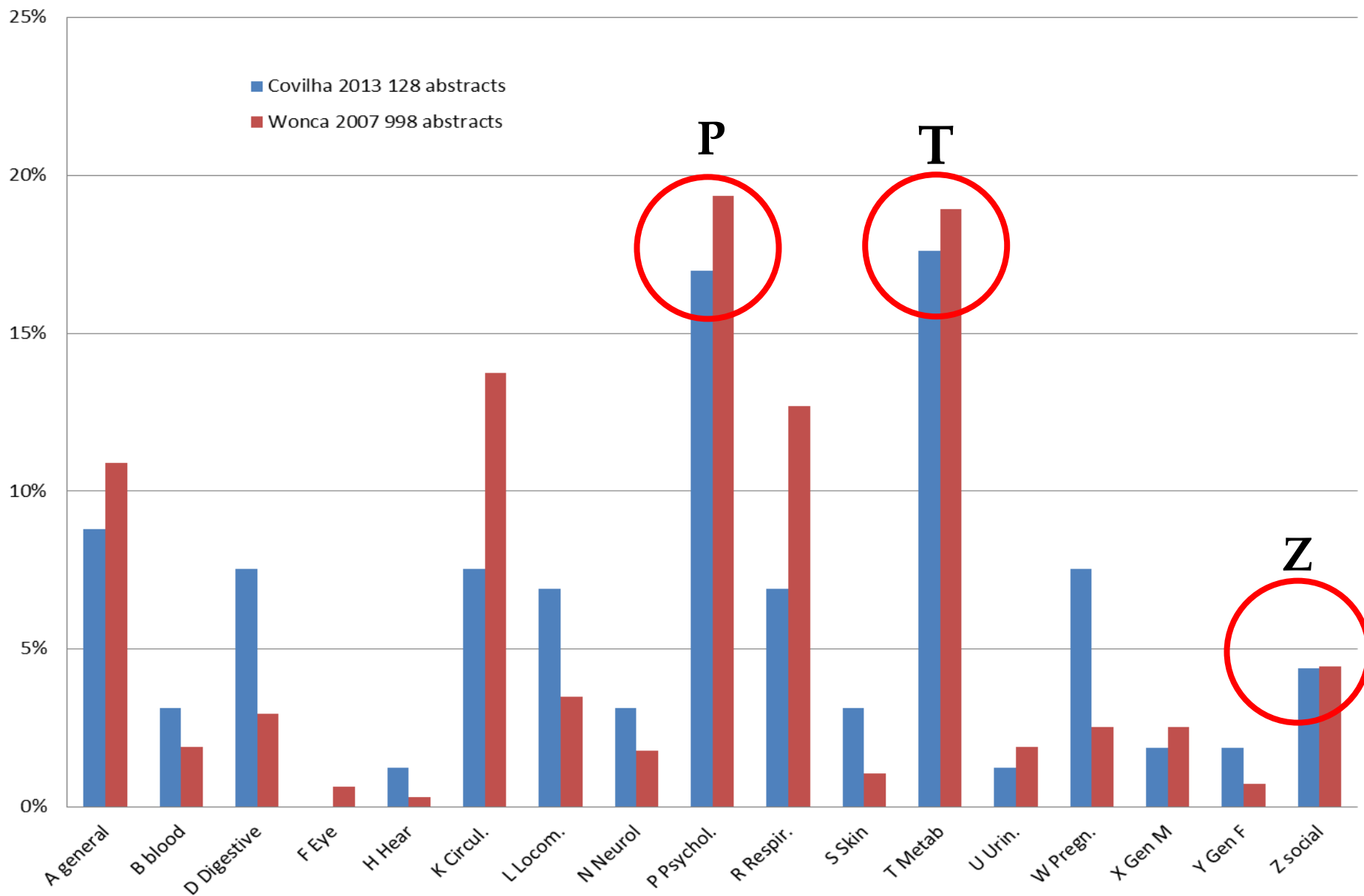




3CGP version 0.3 Opening of QT with content
Source of definitions ; Wonca Dictionary & MeSH

ICPC Chapters distribution in %

ICPC view / Excel method



3CGP view / Excel method

998 abstracts Wonca 2007

128 abstracts Covilha 2013

QC Categories de patient

QD Doctor's view

QE Ethical issues

QH Hazard

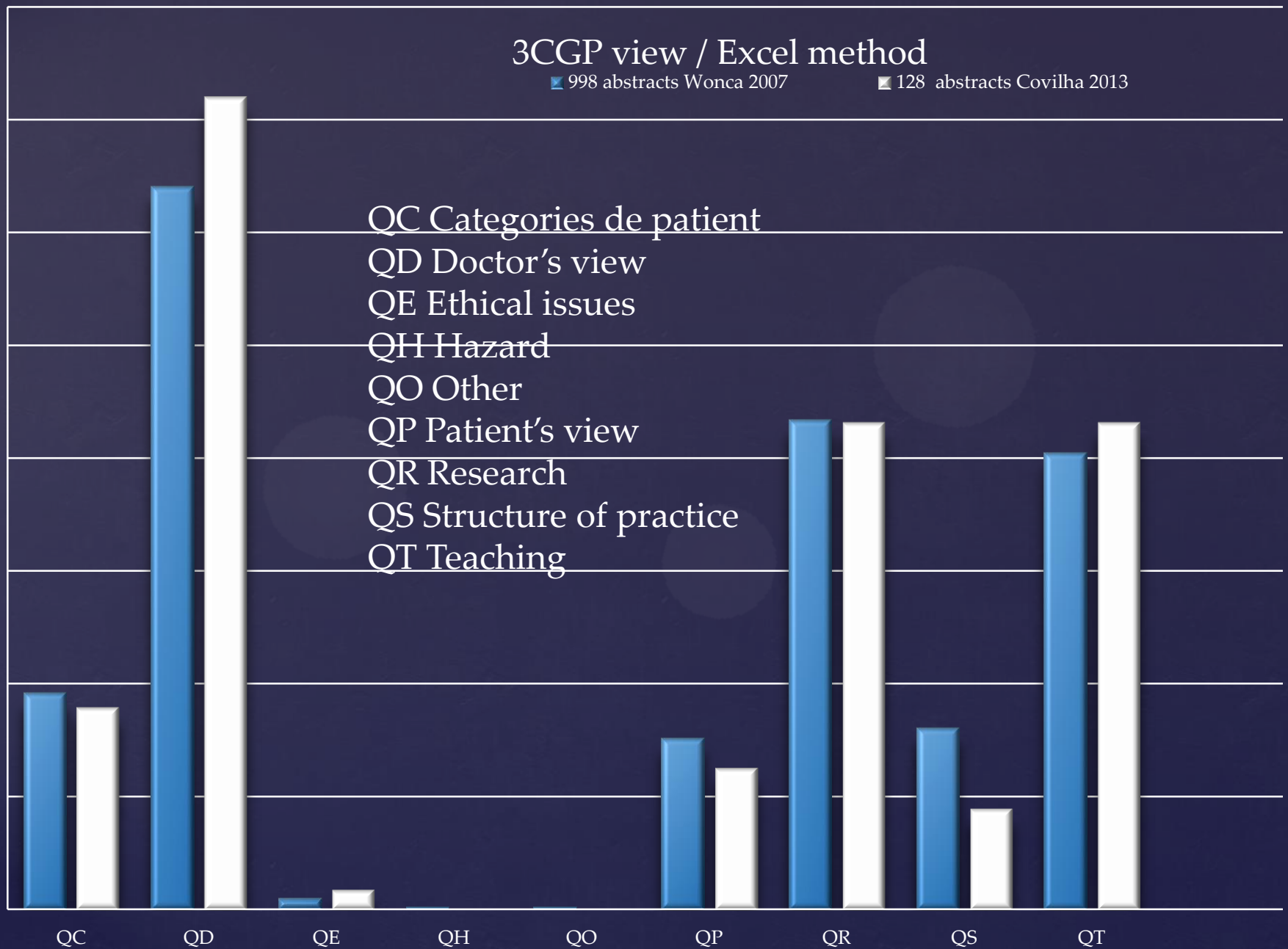
QO Other

QP Patient's view

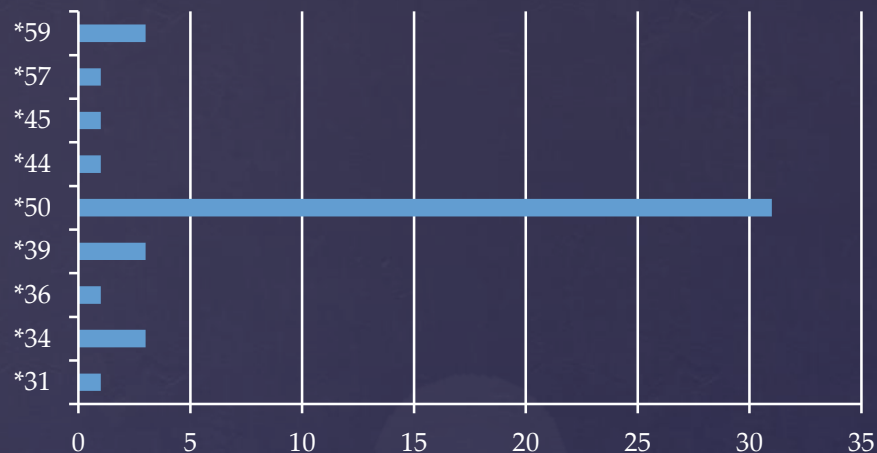
QR Research

QS Structure of practice

QT Teaching



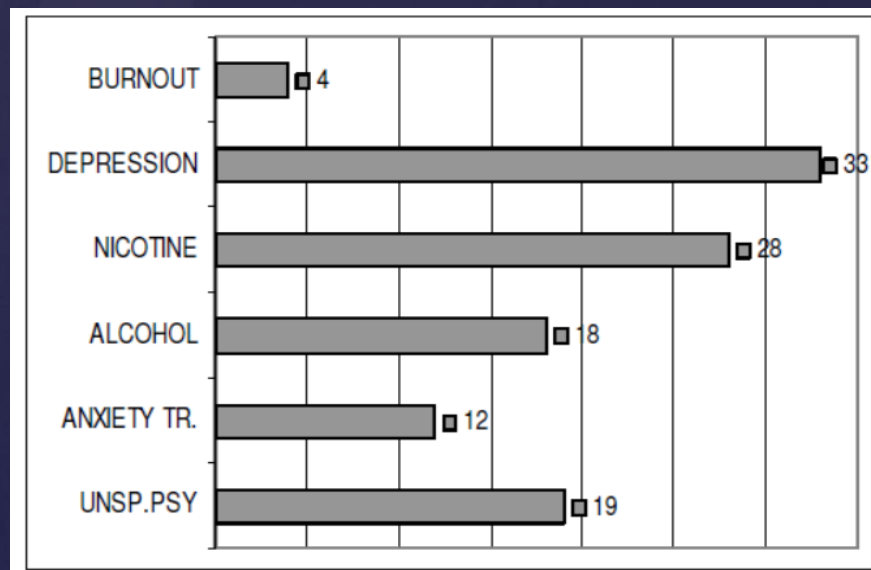
ICPC Process On 128 abstracts. Covilha 2013



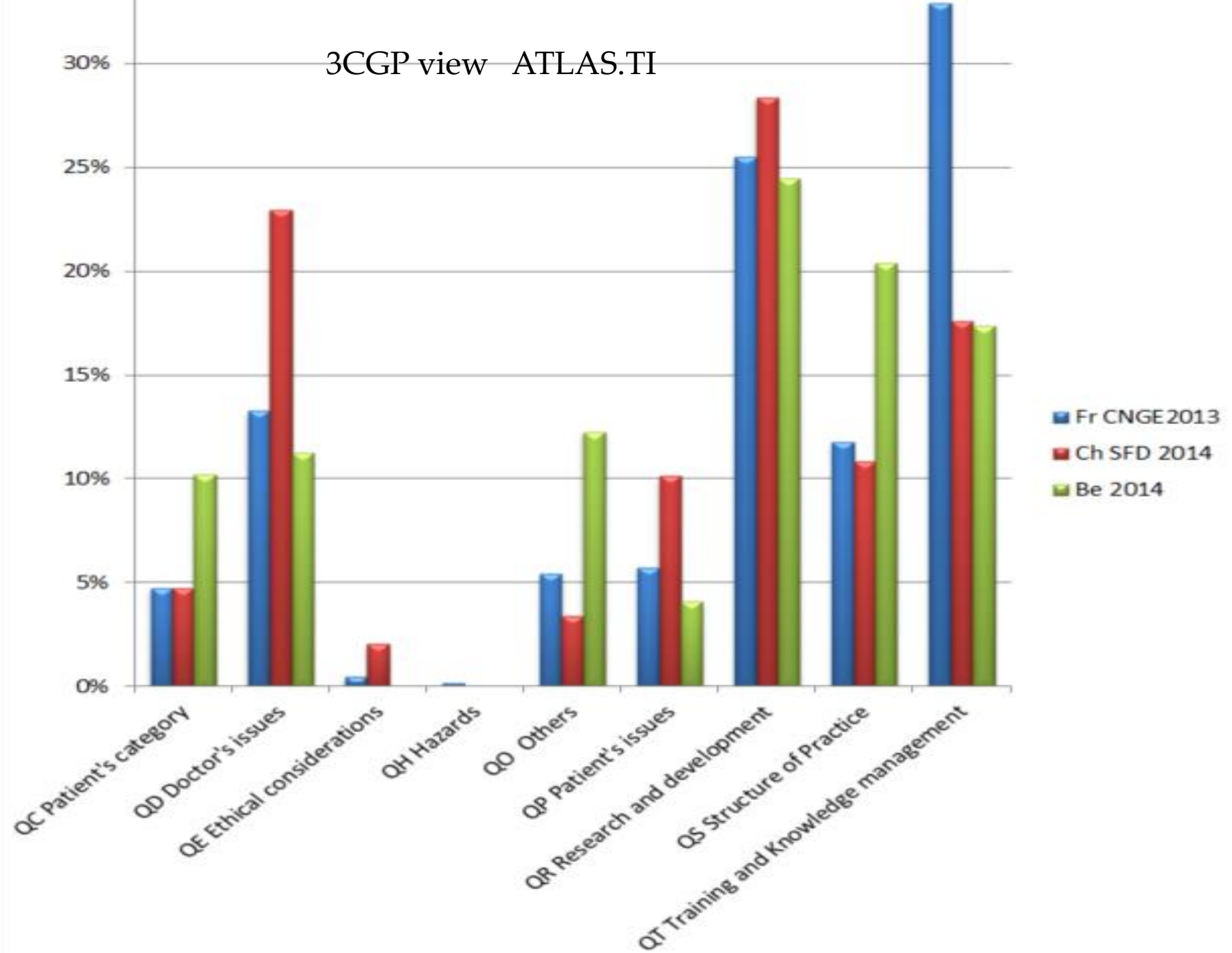
Portuguese GPs like
to discuss drug issues

The workload of the GPs is heavy
in the Psychological field

(998 abstracts Paris 2007)



3CGP view ATLAS.TI



❖ Z Social Problems	1
❖ Z01 Poverty/financial problem	5
❖ Z05 Work problem	3
❖ Z08 Social welfare problem	1
❖ Z10 Health care system problem	1
❖ Z18 Illness problem with a child	1
❖ Z22 Illness problem parent/family	1
❖ Z25 Assault/harmful event problem	1

Figure 28 Social problems. Coding of 205 abstracts Clermont 2013

❖ P Psychological	2
❖ P06 Sleep disturbance	1
❖ P15 Chronic alcohol abuse	1
❖ P18 Medication abuse	3
❖ P19 Drug abuse	2
❖ P70 Dementia	3
❖ P74 Anxiety disorder/anxiety state	1
❖ P76 Depressive disorder	3

Figure 29 Psychological problems Coding of 205 abstracts Clermont 2013

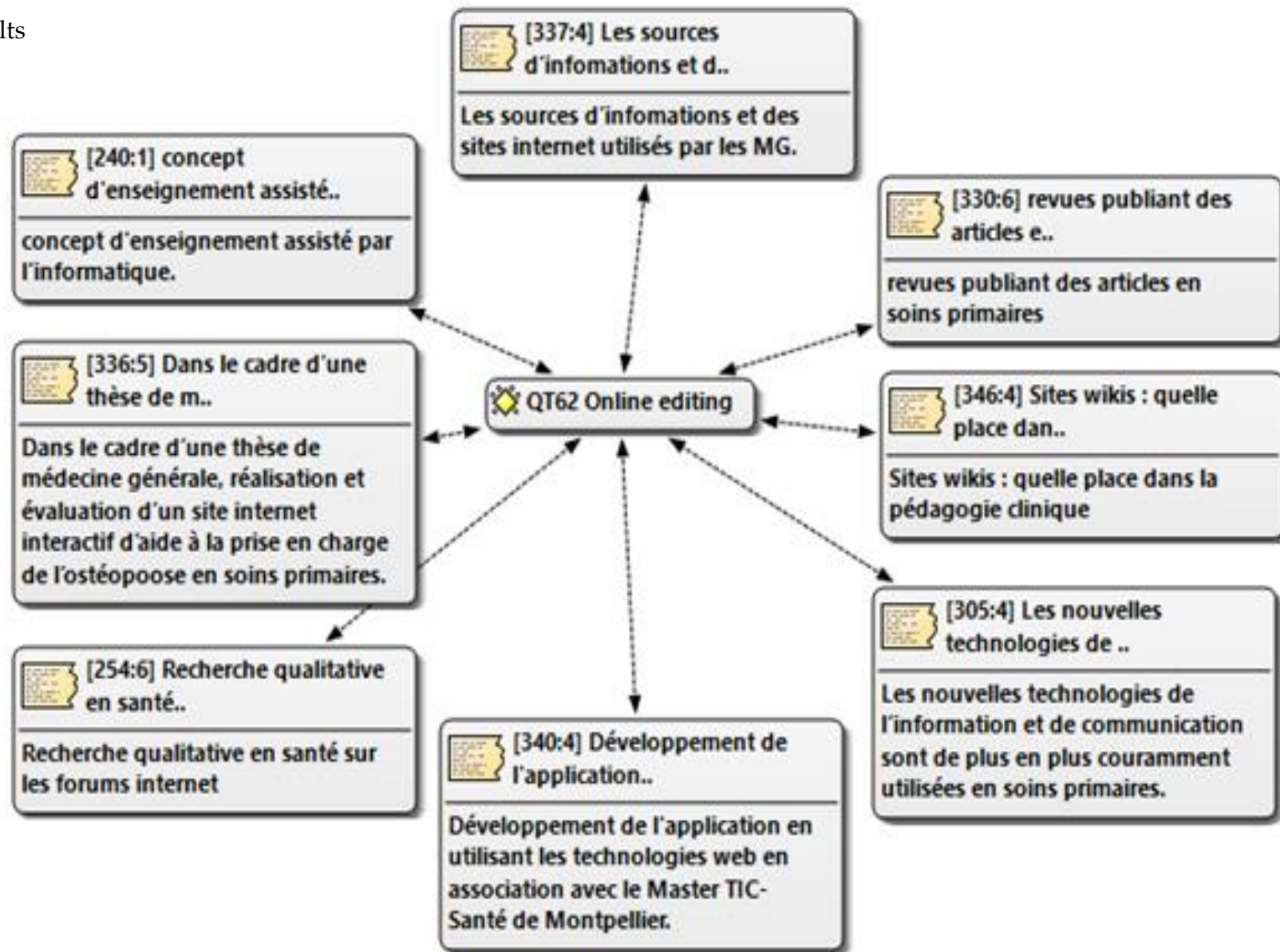


Figure 35 QT62 (online editing) and their verbatim. 205 abstracts Clermont 2013



Figure 43 SFD 2014 3CGP (QC patient's categories, QE Ethics , QD doctor's issues, QP patient's view)

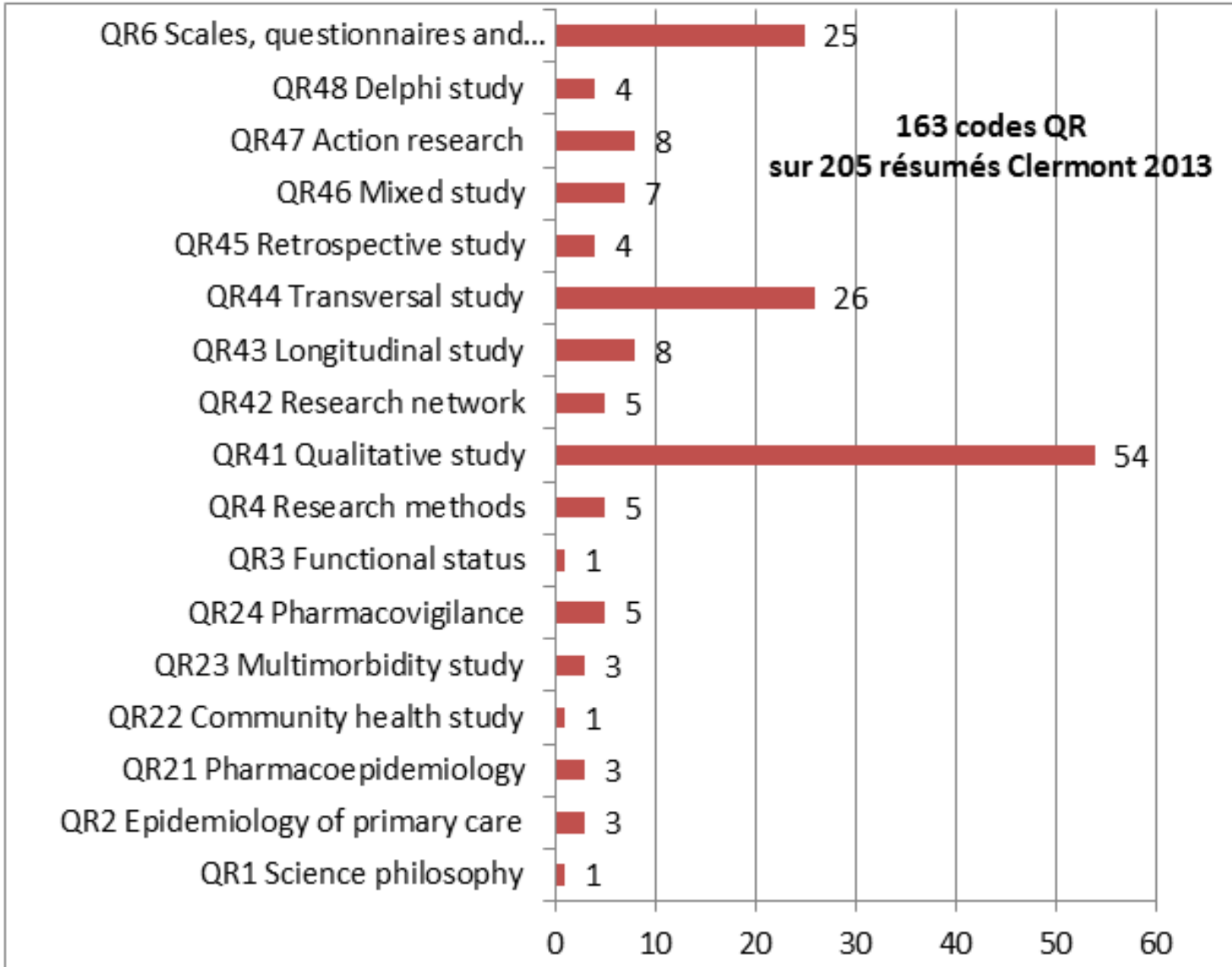


Figure 33 QR codes distribution (Research and Development)

interesting / useful?/ needed? / reproducibiliy?/ empirical / oberver bias / one man show

Next steps

Classification field

Looking for a consensus about 3CGP content

Building and field testing 3CGP and ICPC

Ontological field

**Building a NLP based reference terminology
mapped to 3CGP & ICPC**

Preparing semantic tools

congres_management / smartphone_app / profesional_identity / researchers_network / ..

welcome !

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Thanks to so many friends

B Bentsen † / H Lamberts † / I Okkes / N Bentzen / JK Soler / H Britt /
K van Boven / G Gusso / L Letriliard / E Cardillo / J Roumier / M Warnier /
M Roland / L Romary / C Romain / R Vander Stichele / M Vanmeerbeek /
Didier Giet / MA Donneau / I Kunnamo / L Dunikowski / M Labrecque /
S Darmoni / J Grosjean / D Pinto / L Santiago / FE Gomes / Carl Steylaert
and all MERITERM & WICC members

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