

Grey Literature in Veterinary Medicine: Extending the Pelzer and Wiese Study

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GL6 Definition of Grey Literature

“That which is produced on all levels of government, academics, business and industry in print and electronic formats, but which is not controlled by commercial publishers.”

Pelzer and Wiese 2003

- *Bibliometric reference analysis of 12 core veterinary journal titles published in 2000*
- *Strict interpretation of grey literature*
- *Subcategories for grey references only*
- *Only one category for each reference*

Purpose: Update Pelzer/Wiese study

- *Change in definition*
- *Changes in classification of references*
 - Grey vs. Not Grey
 - Format
 - Publisher type

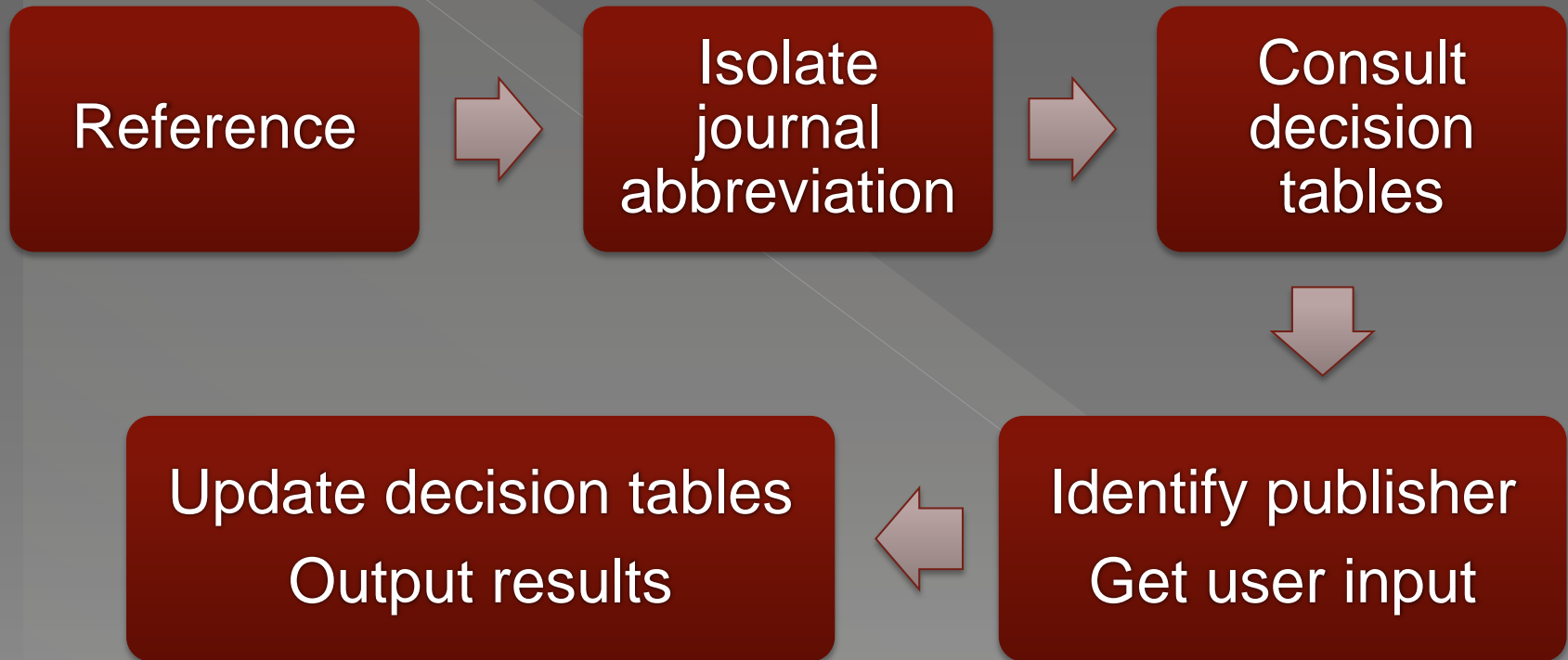
Categories

Pelzer		Sewell		
Status	Grey Sub-categories	Status	Format	Publisher Type
Grey	Proceedings	Grey	Book	Association
Not Grey	Thesis/Dissertation - US	Not Grey	Journal	Government - US
	Thesis/Dissertation - Foreign		Miscellaneous	Government - Other
	Government - US		Proceedings	University
	Government - Non-US		Thesis/Dissertation - US	
	Newsletter		Thesis/Dissertation - Foreign	
	Miscellaneous		Web Site	
	Undetermined			

Methodology

- *Scopus data for articles and references*
- *Preliminary study on JAVMA and Theriogenology*
- *Semi-automated processing*
 - Perl program with operator feedback
 - Decision tables to speed processing and improve accuracy

Process



Results

- *Article number changes – 2000 to 2007*
- *Increase in Grey vs. Not-grey*
- *Changes in categories – 2000 to 2007*
- *Differences between JAVMA and Theriogenology*

Article Total Changes

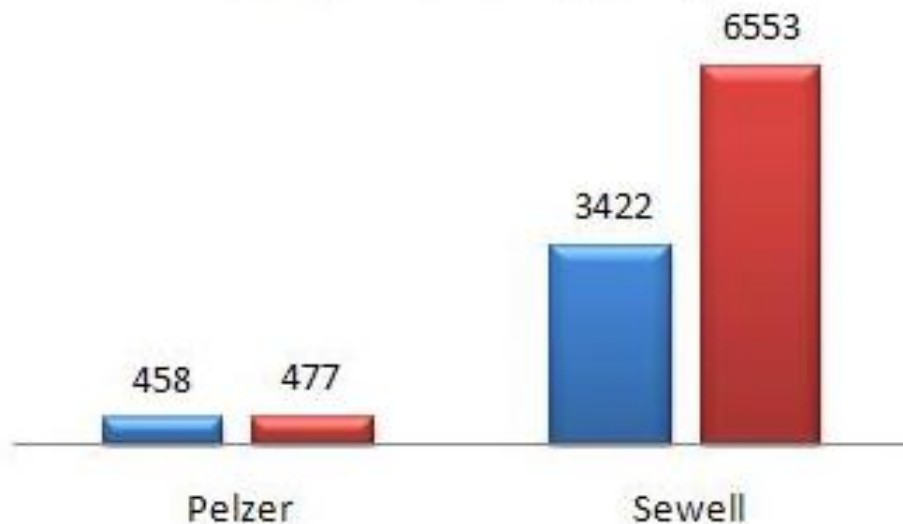
Title	Pelzer 2000	Scopus 2000	Scopus 2007	Pelzer Type*
Am J Vet Res	274	273	190	BR/CLIN
Compend Contin Educ	136	100	54	BR/CLIN
J Am Vet Med Assoc	331	405	328	BR/CLIN
Res Vet Sci	95	95	133	BR/CLIN
Vet Med	68	44	25	BR/CLIN
Vet Rec	312	371	413	BR/CLIN
J Am Anim Hosp Assoc	73	74	54	CLIN
J Small Anim Pract	88	108	117	CLIN
Vet Clin North Am	70	71	70	CLIN
Therio	250	227	357	BR
Vet Microbiol	221	170	303	BR
Vet Parasitol	241	239	416	BR
Total	2159	2177	2460	

* BR = Basic research orientation; CLIN = Clinical orientation.

Grey Changes

Total Grey References

JAVMA Theriogenology



Percentage of Grey References

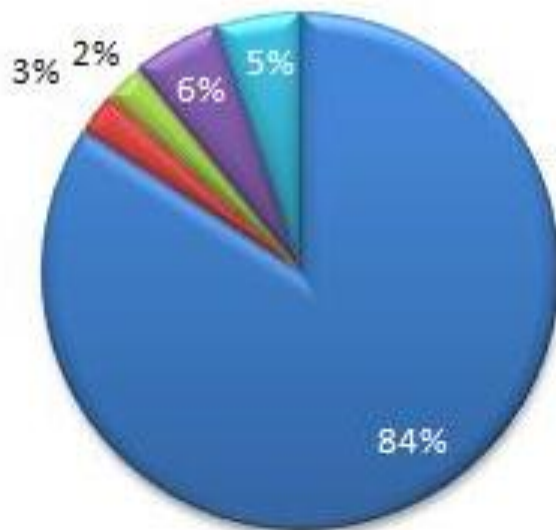
JAVMA Theriogenology



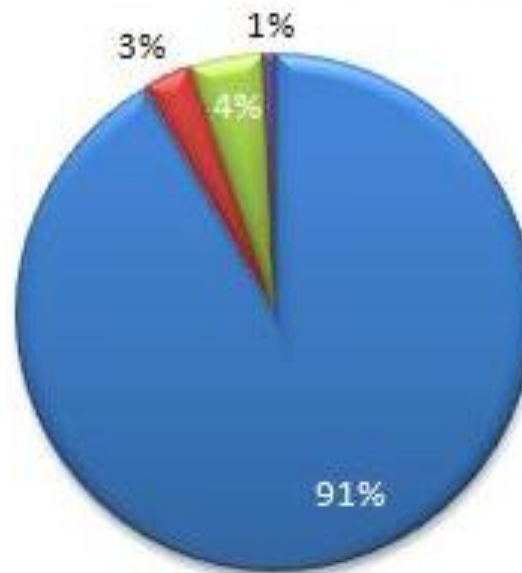
JAVMA vs. Theriogenology

Grey Percentages

JAVMA



Theriogenology

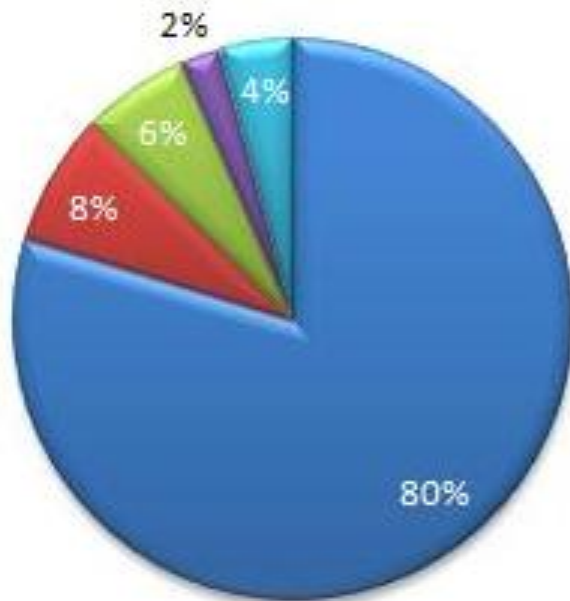


- Journals
- Books
- Proceedings
- Misc.
- Web Sites

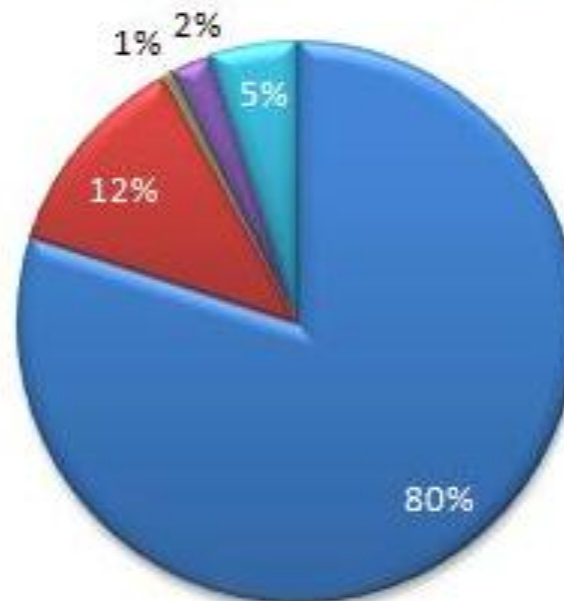
JAVMA vs. Theriogenology

Grey Sources

JAVMA



Theriogenology



- Organizations
- Universities
- US Government
- Other Government
- Other Sources

Conclusions

- *Preliminary results*
- *Significant change in amount of Grey Literature based on definition*
- *Not a true apples to apples comparison*
- *Re-examine 2000 data*