Appendix D: Comparison between PubMed and JAMIA

PubMed Search Strategy:

((("systematized nomenclature of medicine"[MeSH Terms] OR ("systematized"[All Fields] AND "nomenclature"[All Fields] AND "medicine"[All Fields]) OR "systematized nomenclature of medicine"[All Fields] OR "snomed"[All Fields]) AND ("J Am Med Inform Assoc"[Journal] OR "jamia"[All Fields])) AND ("2001/01/01"[PDAT] : "2012/12/31"[PDAT])

JAMIA Search Strategy (title or abstract):

JAMIA Search Strategy (full text):

Paper by Paper Comparison

No	Reference	JAMIA	PubMed
1.	Strauss JA, Chao CR, Kwan ML, Ahmed SA, Schottinger JE, Quinn VP. **Identifying primary and recurrent cancers using a SAS-based natural language processing algorithm.** J Am Med Inform Assoc. 2013 Mar 1;20(2):349-55.		Y
2.	Wu ST, Liu H, Li D, Tao C, Musen MA, Chute CG, Shah NH. **Unified Medical Language System term occurrences in clinical notes: a large-scale corpus analysis.** J Am Med Inform Assoc. 2012 Jun;19(1e):e149-56.		Y

3.	López-García P, Boeker M, Illarramendi A, Schulz S. **Usability-driven pruning of large ontologies: the case of SNOMED CT.** J Am Med Inform Assoc. 2012 Jun;19(1e):e102-9.	Y	Y
4.	Elhanan G, Perl Y, Geller J. **A survey of SNOMED CT direct users, 2010: impressions and preferences regarding content and quality.** J Am Med Inform Assoc. 2011 Dec;18 Suppl 1:i36-44.	Y	Y
5.	Liu H, Burkhart Q, Bell DS. **Evaluation of the NCPDP Structured and Codified Sig Format for e-prescriptions.** J Am Med Inform Assoc. 2011 Sep-Oct;18(5):645-51.		Y
6.	Pathak J, Wang J, Kashyap S, Basford M, Li R, Masys DR, Chute CG. **Mapping clinical phenotype data elements to standardized metadata repositories and controlled terminologies: the eMERGE Network experience.** J Am Med Inform Assoc. 2011 Jul-Aug;18(4):376-86.		Y
7.	Rector AL, Brandt S, Schneider T. **Getting the foot out of the pelvis: modeling problems affecting use of SNOMED CT hierarchies in practical applications.** J Am Med Inform Assoc. 2011 Jul-Aug;18(4):432-40.	Y	Y
8.	Fung KW, McDonald C, Srinivasan S. **The UMLS-CORE project: a study of the problem list terminologies used in large healthcare institutions.** J Am Med Inform Assoc. 2010 Nov-Dec;17(6):675-80.		Y
9.	Nadkarni PM. **Drug safety surveillance using de-identified EMR and claims data: issues and challenges.** J Am Med Inform Assoc. 2010 Nov-Dec;17(6):671-4		Y
10.	Wilcke JR, Green JM, Spackman KA, Martin MK, Case JT, Santamaria SL, Zimmerman K. **Concerning SNOMED-CT content for public health case reports.** J Am Med Inform Assoc. 2010 Sep-Oct;17(5):613; author reply 613-4.	Y	Y
11.	Nadkarni PM, Darer JA. **Migrating existing clinical content from ICD-9 to SNOMED.** J Am Med Inform Assoc. 2010 Sep-Oct;17(5):602-7	Y	Y
12.	Rajeev D, Staes CJ, Evans SR, Mottice S, Rolfs R, Samore MH, Whitney J, Kurzban R, Huff SM. **Concerning SNOMED-CT content for public health case reports.** J Am Med Inform Assoc 2010;17:5 613-614.	Y	
13.	Nguyen AN, Lawley MJ, Hansen DP, Bowman RV, Clarke BE, Duhig EE, Colquist S. **Symbolic rule-based classification of lung cancer stages from free-text pathology reports.** J Am Med Inform Assoc. 2010 Jul-Aug;17(4):440-5.		Y
14.	Nadkarni PM, Marenco LA. **Implementing description-logic rules for SNOMED-CT attributes through a table-driven approach.** J Am Med Inform Assoc. 2010 Mar-Apr;17(2):182-4.	Y	Y
15.	Rajeev D, Staes CJ, Evans RS, Mottice S, Rolfs R, Samore MH, Whitney J, Kurzban R, Huff SM. **Development of an electronic public health case report using HL7 v2.5 to meet public health needs.** J Am Med Inform Assoc. 2010 Jan-Feb;17(1):34-41		Y
16.	Marenco L, Wang R, Nadkarni P. **Automated database mediation using ontological metadata mappings.** J Am Med Inform Assoc. 2009 Sep-Oct;16(5):723-37		Y
17.	Pathak J, Solbrig HR, Buntrock JD, Johnson TM, Chute CG. **LexGrid: a framework for representing, storing, and querying biomedical terminologies from simple to sublime.** J Am Med Inform Assoc. 2009 May-Jun;16(3):305-15.		Y
18.	Jiang G, Chute CG. **Auditing the semantic completeness of SNOMED CT using formal concept analysis.** J Am Med Inform Assoc. 2009 Jan-	Y	Y

	Feb;16(1):89-102.		
19.	Rosenbloom ST, Brown SH, Froehling D, Bauer BA, Wahner-Roedler DL, Gregg WM, Elkin PL. **Using SNOMED CT to represent two interface terminologies.** J Am Med Inform Assoc. 2009 Jan-Feb;16(1):81-8.	Y	Y
20.	Rector AL, Brandt S. **Why do it the hard way? The case for an expressive description logic for SNOMED.** J Am Med Inform Assoc. 2008 Nov-Dec;15(6):744-51.	Y	Y
21.	Bouhaddou O, Warnekar P, Parrish F, Do N, Mandel J, Kilbourne J, Lincoln MJ. **Exchange of computable patient data between the Department of Veterans Affairs (VA) and the Department of Defense (DoD): terminology mediation strategy.** J Am Med Inform Assoc. 2008 Mar-Apr;15(2):174-83.		Y
22.	Rosenbloom ST, Miller RA, Johnson KB, Elkin PL, Brown SH. **A model for evaluating interface terminologies.** J Am Med Inform Assoc. 2008 Jan-Feb;15(1):65-76.		Y
23.	Andrews JE, Richesson RL, Krischer J. **Variation of SNOMED CT coding of clinical research concepts among coding experts.** J Am Med Inform Assoc. 2007 Jul-Aug;14(4):497-506.	Y	Y
24.	Chen Y, Perl Y, Geller J, Cimino JJ. **Analysis of a study of the users, uses, and future agenda of the UMLS.** J Am Med Inform Assoc. 2007 Mar-Apr;14(2):221-31.		Y
25.	Richesson RL, Andrews JE, Krischer JP. **Use of SNOMED CT to represent clinical research data: a semantic characterization of data items on case report forms in vasculitis research.** J Am Med Inform Assoc. 2006 Sep-Oct;13(5):536-46.	Y	Y
26.	Rosenbloom ST, Miller RA, Johnson KB, Elkin PL, Brown SH. **Interface terminologies: facilitating direct entry of clinical data into electronic health record systems.** J Am Med Inform Assoc. 2006 May-Jun;13(3):277-88.		Y
27.	Green JM, Wilcke JR, Abbott J, Rees LP. **Development and evaluation of methods for structured recording of heart murmur findings using SNOMED-CT post-coordination.** J Am Med Inform Assoc. 2006 May-Jun;13(3):321-33. Epub 2006 Feb 24.	Y	Y
28.	Fung KW, Hole WT, Nelson SJ, Srinivasan S, Powell T, Roth L. **Integrating SNOMED CT into the UMLS: an exploration of different views of synonymy and quality of editing.** J Am Med Inform Assoc. 2005 Jul-Aug;12(4):486-94.	Y	Y