

Supplementary Material

Ethnic Differences in Dementia Risk: A Systematic Review and Meta-Analysis

Supplementary Material 1. Database searches

Database: MEDLINE

- 1 exp incidence/
- 2 incidence.mp.
- 3 exp prevalence/
- 4 prevalence.mp.
- 5 exp dementia/
- 6 (dementia or alzheimer* or kløver-bucy or huntington*).mp.
- 7 ((memory or cognit* or mental) adj5 (los* or impair* or deficit or problem or damage or declin* or deteriorate* or degenerate* or diminish*)).mp.
- 8 (lew? adj3 bod*).mp.
- 9 (((frontotemporal or fronto-temporal) and (lobar or lobe)) adj3 degeneration).mp.
- 10 Supranuclear Palsy, Progressive/
- 11 (supra?nuclear pals\$ or supra-nuclear pals\$ or PSP or Steele-Richardson-Olszewski syndrome or SRO).mp.
- 12 exp prion diseases/
- 13 (Prion\$ disease\$ or fatal familial insomnia or FFI or Gertsman-Straussler-Scheinker syndrome or GSS or kuru or variab\$ protease-sensitive prionopathy or VPSPr or transmissible spongiform encephalopath\$ or TSE or Creutzfeld-Jacob\$ or JCD or CJD).mp.
- 14 exp ethnic groups/
- 15 Minority Groups/
- 16 exp continental population groups/
- 17 (african* or asian* or arab* or hispanic*).mp.
- 18 (ethnic* or race* or racial).mp.
- 19 (latin* or black or white or caucasian).mp.
- 20 (bame or bme or minority* or caribbean or migrant* or immigrant*).mp.
- 21 1 or 2 or 3 or 4
- 22 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13
- 23 14 or 15 or 16 or 17 or 18 or 19 or 20
- 24 21 and 22 and 23

Database: Embase

- 1 exp incidence/
- 2 incidence.mp.
- 3 exp prevalence/
- 4 prevalence.mp.
- 5 exp dementia/
- 6 (dementia or alzheimer* or kløver-bucy or huntington*).mp.
- 7 ((memory or cognit* or mental) adj5 (los* or impair* or deficit or problem or damage or declin* or deteriorate* or degenerate* or diminish*)).mp.
- 8 (lew? adj3 bod*).mp.
- 9 (((frontotemporal or fronto-temporal) and (lobar or lobe)) adj3 degeneration).mp.
- 10 progressive supranuclear palsy/
- 11 (supra?nuclear pals\$ or supra-nuclear pals\$ or PSP or Steele-Richardson-Olszewski syndrome or SRO).mp.
- 12 exp prion disease/
- 13 (Prion\$ disease\$ or fatal familial insomnia or FFI or Gertsman-Straussler-Scheinker syndrome or GSS or kuru or variab\$ protease-sensitive prionopathy or VPSPr or transmissible spongiform encephalopath\$ or TSE or Creutzfeld-Jacob\$ or JCD or CJD).mp.
- 14 exp ethnic group/ or exp ethnic difference/
- 15 Minority Groups/
- 16 exp ancestry group/
- 17 (african* or asian* or arab* or hispanic*).mp.
- 18 (ethnic* or race* or racial).mp.
- 19 (latin* or black or white or caucasian).mp.
- 20 (bame or bme or minority* or caribbean or migrant* or immigrant*).mp.
- 21 1 or 2 or 3 or 4
- 22 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13
- 23 14 or 15 or 16 or 17 or 18 or 19 or 20
- 24 21 and 22 and 23

- 1 incidence.mp.
- 2 prevalence.mp.
- 3 exp dementia/
- 4 (dementia or alzheimer* or kluver-bucy or huntington*).mp.
- 5 ((memory or cognit* or mental) adj5 (los* or impair* or deficit or problem or damage or declin* or deteriorate* or degenerate* or diminish*)).mp.
- 6 (lew? adj3 bod*).mp.
- 7 (((frontotemporal or fronto-temporal) and (lobar or lobe)) adj3 degeneration).mp.
- 8 Progressive Supranuclear Palsy/
- 9 (supra?nuclear pals\$ or supra-nuclear pals\$ or PSP or Steele-Richardson-Olszewski syndrome or SRO).mp.
- 10 exp Alzheimer's Disease/ or exp Creutzfeldt Jakob Syndrome/ or exp Encephalopathies/ or exp Prion/ or exp Neurodegenerative Diseases/ or exp Nervous System Disorders/
- 11 (Prion\$ disease\$ or fatal familial insomnia or FFI or Gertsmann-Straussler-Scheinker syndrome or GSS or kuru or variab\$ protease-sensitive prionopathy or VPSPr or transmissible spongiform encephalopath\$ or TSE or Creutzfeld-Jacob\$ or JCD or CJD).mp.
- 12 exp "Racial and Ethnic Differences"/ or exp "Racial and Ethnic Attitudes"/ or exp "Racial and Ethnic Groups"/
- 13 exp Minority Groups/
- 14 exp Blacks/
- 15 exp Southeast Asian Cultural Groups/ or exp South Asian Cultural Groups/
- 16 exp Arabs/
- 17 exp "Latinos/Latinas"/
- 18 exp Whites/
- 19 (african* or asian* or arab* or hispanic*).mp.
- 20 (ethnic* or race* or racial).mp.
- 21 (latin* or black or white or caucasian).mp.
- 22 (bame or bme or minority* or caribbean or migrant* or immigrant*).mp.
- 23 1 or 2
- 24 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11
- 25 12 or 13 or 14 or 19 or 20 or 21 or 22
- 26 23 and 24 and 25

- 1 (MH "Incidence")
- 2 incidence
- 3 (MH "Prevalence")
- 4 prevalence
- 5 (MH "Dementia+") OR (MH "Frontotemporal Dementia+") OR (MH "Delirium, Dementia, Amnestic, Cognitive Disorders+") OR (MH "Dementia, Multi-Infarct") OR (MH "Lewy Body Disease") OR (MH "Dementia Patients")
- 6 dementia OR alzheimer* OR "kluver-bucy" OR "kluver bucy" OR huntington*
- 7 ((memory OR cognit* OR mental) N5 (los* OR impair* OR deficit OR problem OR damage OR declin* OR deteriorate* OR degenerate* OR diminish*))
- 8 lew? N3 bod*
- 9 (((frontotemporal OR "frontotemporal") AND (lobar OR lobe)) N3 degeneration)
- 10 (MH "Supranuclear Palsy, Progressive")
- 11 ("supra?nuclear pals*" OR "supra-nuclear pals*" OR PSP OR "Steele-Richardson-Olszewski syndrome" OR SRO)
- 12 (MH "Prion Diseases+")
- 13 "Prion* disease*" OR "fatal familial insomnia" OR FFI OR "Gertsman-Straussler-Scheinker syndrome" OR "Gertsman Straussler-Scheinker syndrome" OR GSS OR kuru OR "variab* proteasesensitive prionopathy" OR "variab* protease sensitive prionopathy" OR VPSPr OR "transmissible spongiform encephalopath*" OR TSE OR "Creutzfeld-Jacob*" OR "Creutzfeld Jacob*" OR JCD OR CJD)
- 14 (MH "Ethnic Groups+")
- 15 (MH "Minority Groups")
- 16 african* OR asian* OR arab* OR hispanic*
- 17 ethnic* OR race* OR racial
- 18 latin* OR black OR white OR caucasian
- 19 bame OR bme OR minority* OR caribbean OR migrant* OR immigrant*
- 20 S1 OR S2 OR S3 OR S4
- 21 S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13
- 22 S14 OR S15 OR S16 OR S17 OR S18 OR S19
- 23 S20 AND S21 AND S22

Database: Global Health

- 1 exp familial incidence/ or exp incidence/
- 2 incidence.mp.
- 3 "disease prevalence AND/OR seroprevalence"/
- 4 prevalence.mp.
- 5 exp dementia/
- 6 (dementia or alzheimer* or kløver-bucy or huntington*).mp.
- 7 ((memory or cognit* or mental) adj5 (los* or impair* or deficit or problem or damage or declin* or deteriorate* or degenerate* or diminish*)).mp.
- 8 (lew? adj3 bod*).mp.
- 9 (((frontotemporal or fronto-temporal) and (lobar or lobe)) adj3 degeneration).mp.
- 10 Alzheimer's disease.sh.
- 11 (supra?nuclear pals\$ or supra-nuclear pals\$ or PSP or Steele-Richardson-Olszewski syndrome or SRO).mp.
- 12 exp prion diseases/
- 13 (Prion\$ disease\$ or fatal familial insomnia or FFI or Gertsman-Straussler-Scheinker syndrome or GSS or kuru or variab\$ protease-sensitive prionopathy or VPSPr or transmissible spongiform encephalopath\$ or TSE or Creutzfeld-Jacob\$ or JCD or CJD).mp.
- 14 exp ethnic groups/
- 15 exp minorities/
- 16 (african* or asian* or arab* or hispanic*).mp.
- 17 (ethnic* or race* or racial).mp.
- 18 (latin* or black or white or caucasian).mp.
- 19 (bame or bme or minority* or caribbean or migrant* or immigrant*).mp.
- 20 1 or 2 or 3 or 4
- 21 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13
- 22 14 or 15 or 16 or 17 or 18 or 19
- 23 20 and 21 and 22

Database: Scopus

((TITLE-ABS-KEY (incidence)) OR (TITLE-ABS-KEY (prevalence))) AND

((TITLE-ABS-KEY (dementia OR alzheimer* OR "kluver-bucy" OR huntington*))
OR (TITLE-ABS-KEY ((memory OR cognit* OR mental) W/5 (los* OR impair*
OR deficit OR problem OR damage OR declin* OR deteriorate* OR degenerate* OR
diminish*))) OR (TITLE-ABS-KEY ((lew? W/3 bod*))) OR (((TITLE-ABS-KEY
("fronto-temporal") AND TITLE-ABS-KEY ("(lobar OR lobe)"))) AND (TITLE-
ABS-KEY (degeneration))) OR (TITLE-ABS-KEY ("supra?nuclear pals*" OR "supra-
nuclear pals*" OR psp OR "Steele-Richardson-Olszewski syndrome" OR sro)) OR (
TITLE-ABS-KEY ("Prion* disease*" OR "fatal familial insomnia" OR ffi OR
"Gertsman-Straussler-Scheinker syndrome" OR gss OR kuru OR "variab* protease-
sensitive prionopathy" OR vpspr OR "transmissible spongiform encephalopath*" OR tse
OR "Creutzfeld-Jacob*" OR jcd OR cjd))) AND

((TITLE-ABS-KEY (african* OR asian* OR arab* OR hispanic*)) OR (TITLE-
ABS-KEY (ethnic* OR race* OR racial)) OR (TITLE-ABS-KEY (latin* OR black
OR white OR caucasian)) OR (TITLE-ABS-KEY (bame OR bme OR minority* OR
caribbean OR migrant* OR immigrant*))) AND

(LIMIT-TO (DOCTYPE , "ar"))

Database: Web of Science

- 1 TOPIC: (incidence)
- 2 TOPIC: (prevalence)
- 3 TOPIC: (dementia OR alzheimer* OR "kluver-bucy" OR huntington*)
- 4 TOPIC: ((memory OR cognit* OR mental) NEAR/5 (los* OR impair* OR deficit OR problem OR damage OR declin* OR deteriorate* OR degenerate* OR diminish*))
- 5 TOPIC: ((lew? NEAR/3 bod*))
- 6 TOPIC: ("fronto*temporal") AND TOPIC: (lobar OR lobe) AND TOPIC: (degeneration)
- 7 TOPIC: (("supranuclear pals*" OR "supra-nuclear pals*" OR PSP OR "Steele-Richardson-Olszewski syndrome" OR SRO))
- 8 TOPIC: (("Prion* disease*" OR "fatal familial insomnia" OR FFI OR "Gertsmann-Straussler-Scheinker syndrome" OR GSS OR kuru OR "variab* protease-sensitive prionopathy" OR VPSPr OR "transmissible spongiform encephalopath*" OR TSE OR "Creutzfeld-Jacob*" OR JCD OR CJD))
- 9 TOPIC: ((african* OR asian* OR arab* OR hispanic*))
- 10 TOPIC: ((ethnic* OR race* OR racial))
- 11 TOPIC: ((latin* OR black OR white OR caucasian))
- 12 TOPIC: ((bame OR bme OR minority* OR caribbean OR migrant* OR immigrant*))
- 13 #2 OR #1
- 14 #8 OR #7 OR #6 OR #5 OR #4 OR #3
- 15 #12 OR #11 OR #10 OR #9
- 16 (#15 AND #14 AND #13) AND DOCUMENT TYPES: (Article OR Abstract of Published Item)