**Supplementary Table 1.** **Search strategy.**

|  |  |  |
| --- | --- | --- |
| **Search engine** | **Keywords** | **Limits** |
| Pubmed/Medline | Alzheimer in title/abstract AND copper in title/abstract OR zinc in title/abstract | Published date from January 2007 to November 2016, English language, humans, primary studies (case report, clinical study, clinical trial, comparative study, controlled clinical trial, multicenter study, observational study, randomized controlled trial, twin study), available abstract |
| Pubmed/Medline | Alzheimer disease as MeSH term AND copper as MeSH term OR zinc as MeSH term | Published date from January 2007 to November 2016, English language, humans, primary studies (case report, clinical study, clinical trial, comparative study, controlled clinical trial, multicenter study, observational study, randomized controlled trial, twin study), available abstract |
| Web of science | Alzheimer in title AND Zinc in title OR copper in title | Publishied date from January 2007 to November 2016, available abstract |
| Cochrane | Alzheimer in title/abstract/keywords AND copper in title/abstract/keywords OR zinc in title/abstract/keywords | Publishied date from January 2007 to November 2016, available abstract |
| Cochrane | Alzheimer disease as MeSH term AND copper as MeSH term OR zinc as MeSH term | Publishied date from January 2007 to November 2016, available abstract |