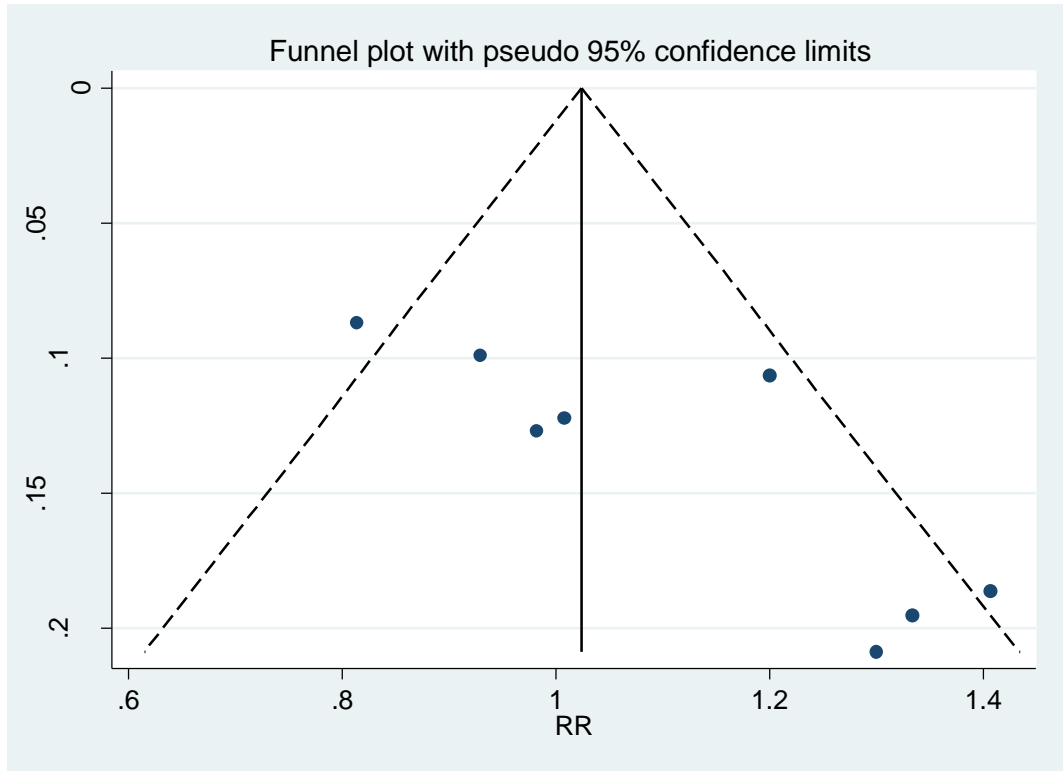
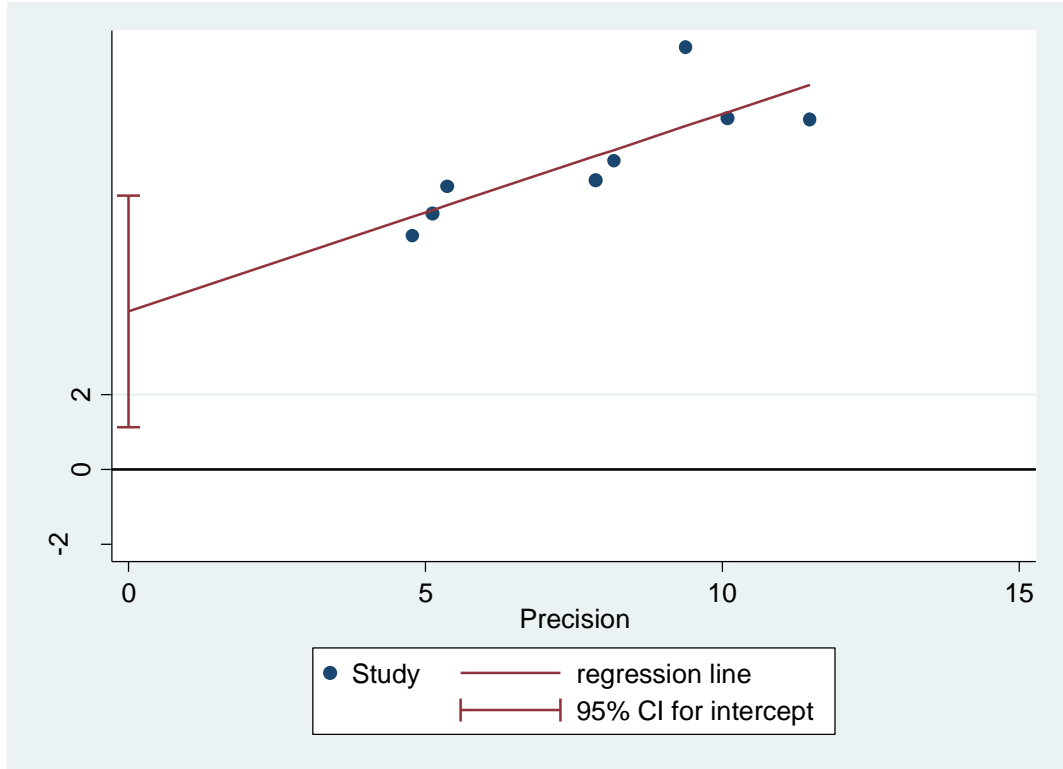


Supplementary Material 1. The PubMed systematic search strategy

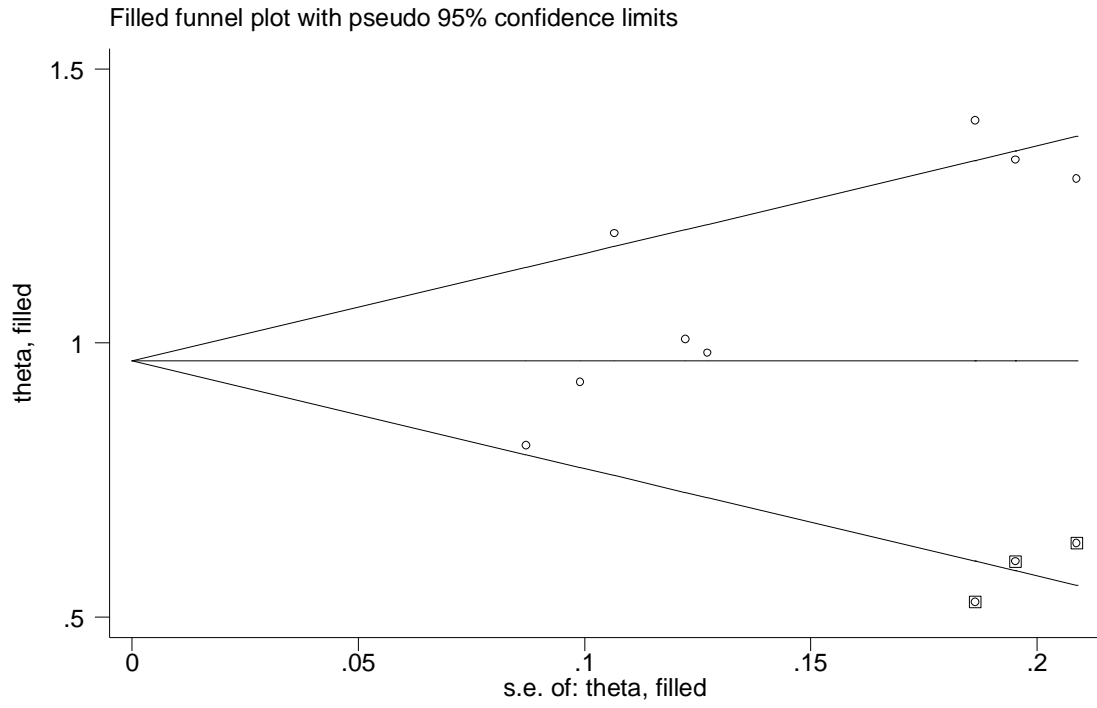
(((((("miltefosine" [Supplementary Concept] OR "miltefosine transporter, Leishmania donovani" [Supplementary Concept])) OR (((n-hexadecylphosphorylcholine OR HDPC OR hexadecylphosphocholine OR Milte* OR Impavido OR "D 18506 "OR D18506 OR D-18506 OR Hexadecylphosphorylcholine OR (Phosphorylcholine AND hexadecyl)))))) AND (((("Meglumine antimonite" OR "N-methylglucamine antimonite" OR Glucanti* OR "antimony n methylglucamine" OR "methylglucamine antimon*" OR "n methylglucamine antimon*" OR "n methylglucamine antimonite" OR protosib OR "rp 2168" OR "wr214975 aj" OR "pentavalent antimonials")) OR "meglumine antimonite" [Supplementary Concept])) AND (((("Leishmania mexicana"[Mesh] OR "Leishmania braziliensis"[Mesh] OR "Leishmania major"[Mesh] OR "Leishmania tropica"[Mesh])) OR ("skin leishmaniasis" OR "Cutaneous Leishmanias*" OR (leishmaniasis AND cutaneous) OR "Oriental Sore" OR (sore AND oriental) OR (leishmaniasis AND "Old World") OR "Old World Leishmaniasis" OR (leishmaniasis AND "New World") OR "New World Leishmaniasis" OR (leishmaniasis AND american) OR "American Leishmaniasis" OR ("Cutaneous Leishmanias*" AND diffuse) OR "Diffuse Cutaneous Leishmanias*" OR (leishmaniasis AND "Diffuse Cutaneous") OR "Aden ulcer" OR "Aleppo boil" OR "Bagdad sore" OR "Borovskii disease" OR "cutaneous leishmaniasis" OR "chiclero ulcer" OR "chiclero ulcer" OR "cutaneous leishmaniasis" OR "cutaneous leishmaniasis" OR "Delhi boil "OR "dermal leishmaniasis" OR "epidermic leishmaniasis" OR "leishmaniasis cutanea" OR "leishmaniasis cutis" OR "leishmaniasis nodosa" OR (leishmaniasis AND cutaneous) OR "diffuse cutaneous" OR leishmaniasis OR (leishmaniasis AND skin) OR "Penjdeh ulcer" OR "Penjdeh ulcer" OR "Syrian ulcer" OR "Turkestan ulcer" OR "Turkestan ulcer" OR (ulcer AND chiclero))) AND 1991/01/01:2017/07/31[DP]



Supplementary Material 2. Publication bias assessed by Funnel plot.



Supplementary Material 3. Publication bias assessed by Egger's method.



Supplementary Material 4. Publication bias assessed by trim and fill method. Hollow circle in box represents the estimated missing study.