## Additional file 3: Software code used

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|---|---|
| **R software** | library(gemtc);library(coda);library(lattice);<br>network<-read.mtc.network("C:/ ");<br>plot(network)<br>summary(network)<br>mtc.anohe(network)<br>mtc.nodesplit(network)<br>model<-mtc.model(network, linearMode="random", type = "consistency", n.chain = 3);<br>results <-mtc.run(model, sampler ="JAGS", n.adapt = 10000, n.iter = 40000, thin = 1)<br>gelman.plot(results)     #convergence<br>gelman.diag(results)<br>plot(results)<br>forest(relative.effect(results,"/"))<br>rank.probability(results) |
| **Stata software** | network setup mean sd n, study(studyid) trt(t)<br>network convert pairs<br>networkplot t1 t2<br>sucra nomv stats("C:/ effectivenwss.txt") rprob(effectiveness),rankog |