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| > library(mvtnorm)  >  > setwd("C:/Users/----/Desktop/)  > d<-read.csv("h.csv")  > attach(d)  >  > y<-d$yi  > sigmaj<-d$vi  Random-Effects Model (k = 37; tau^2 estimator: ML)  tau^2 (estimated amount of total heterogeneity): 0.0204 (SE = 0.0165)  tau (square root of estimated tau^2 value): 0.1429  I^2 (total heterogeneity / total variability): 27.69%  H^2 (total variability / sampling variability): 1.38  Test for Heterogeneity:  Q(df = 36) = 47.5453, p-val = 0.0944  Model Results:  estimate se zval pval ci.lb ci.ub  0.2171 0.0486 4.4702 <.0001 0.1219 0.3123 \*\*\*  ---  Signif. codes: 0 ?\*\*?0.001 ?\*?0.01 ??0.05 ??0.1 ??1  > rma(y,sigmaj,method="DL")  Random-Effects Model (k = 37; tau^2 estimator: DL)  tau^2 (estimated amount of total heterogeneity): 0.0171 (SE = 0.0172)  tau (square root of estimated tau^2 value): 0.1307  I^2 (total heterogeneity / total variability): 24.28%  H^2 (total variability / sampling variability): 1.32  Test for Heterogeneity:  Q(df = 36) = 47.5453, p-val = 0.0944  Model Results:  estimate se zval pval ci.lb ci.ub  0.2139 0.0471 4.5378 <.0001 0.1215 0.3063 \*\*\*  ---  Signif. codes: 0 ?\*\*?0.001 ?\*?0.01 ??0.05 ??0.1 ??1  > rma(y,sigmaj,method="FE")  Fixed-Effects Model (k = 37)  Test for Heterogeneity:  Q(df = 36) = 47.5453, p-val = 0.0944  Model Results:  estimate se zval pval ci.lb ci.ub  0.1857 0.0373 4.9796 <.0001 0.1126 0.2588 \*\*\*  ---  Signif. codes: 0 ?\*\*?0.001 ?\*?0.01 ??0.05 ??0.1 ??1 |
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