

ManualData LVEF Neonates Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Schubert 2016

-0.80 [-4.38, 2.78]

Breatnach 2017

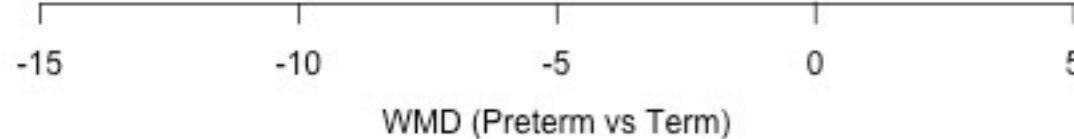
-1.00 [-4.05, 2.05]

Aye 2017

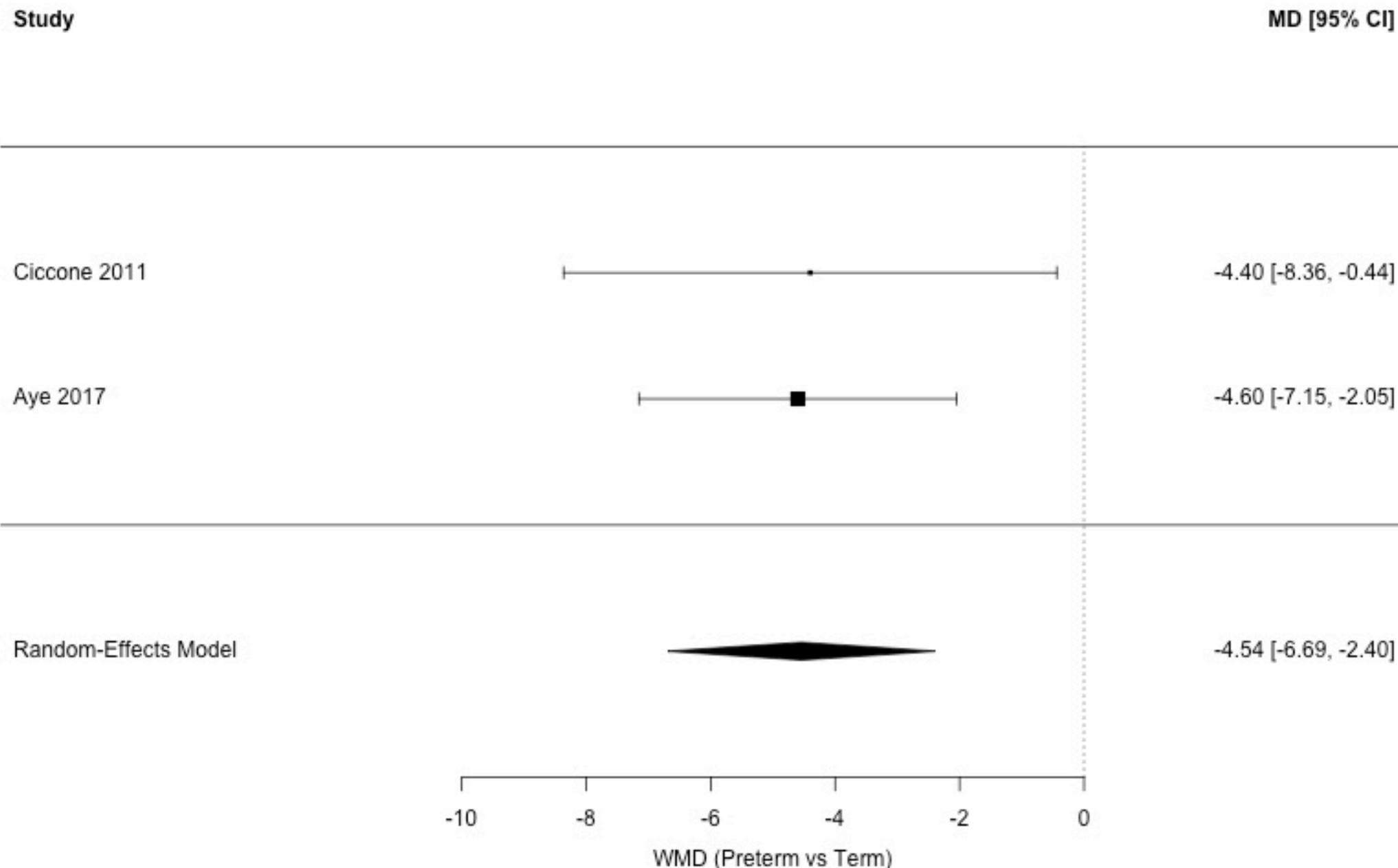
-6.60 [-11.09, -2.11]

Random-Effects Model

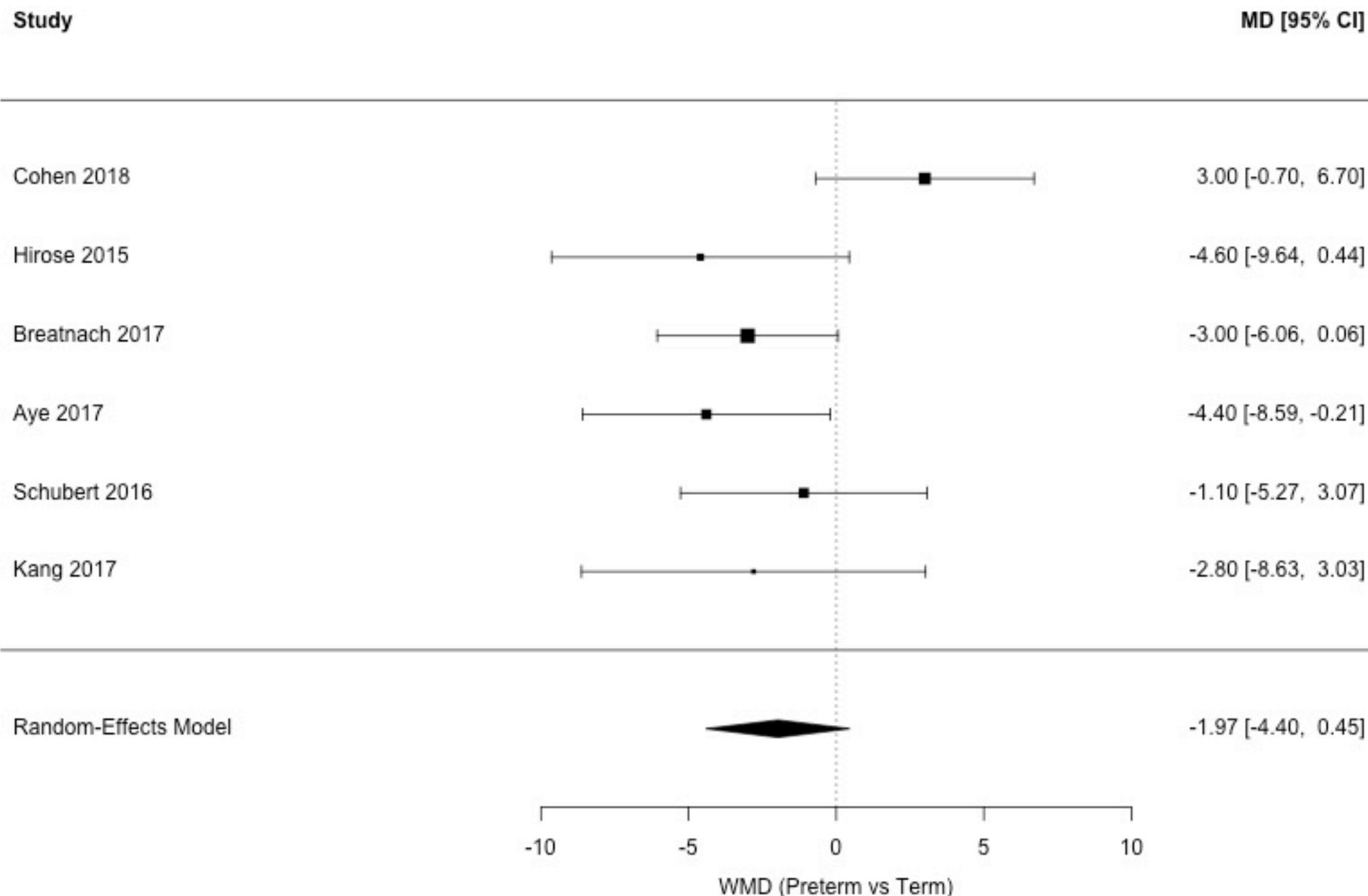
-2.50 [-5.88, 0.89]



ManualData LVEF Neonates Stratified GreaterOrEqualThan32Weeks TellesMeta



ManualData LVEF Infants Stratified LessThan32Weeks TellesMeta



ManualData LVEF Children Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Kang 2017



2.60 [-2.83, 8.03]

Morsing 2014



0.00 [-5.75, 5.75]

Suursalmi 2016

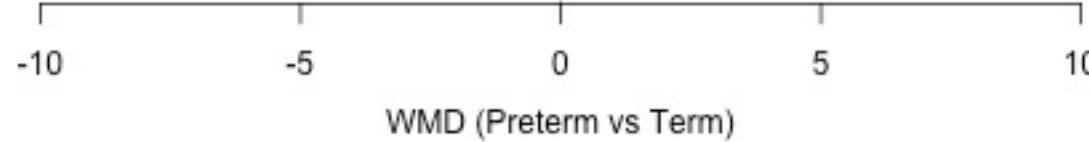


1.80 [-0.76, 4.36]

Random-Effects Model



1.67 [-0.48, 3.82]

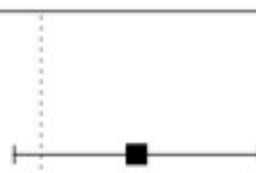


ManualData LVEF YoungAdults Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Kowalski 2016



1.00 [-0.28, 2.28]

Bassareo 2011



1.40 [-0.87, 3.67]

Huckstep 2018



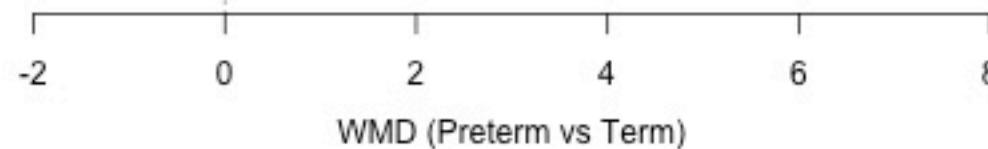
3.40 [0.42, 6.38]

Lewandowski 2013



0.40 [-1.12, 1.92]

Random-Effects Model



1.06 [0.20, 1.93]

ManualData LVEF ChildrenAndYoungAdults Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Kang 2017

2.60 [-2.83, 8.03]

Morsing 2014

0.00 [-5.75, 5.75]

Suursalmi 2016

1.80 [-0.76, 4.36]

Kowalski 2016

1.00 [-0.28, 2.28]

Bassareo 2011

1.40 [-0.87, 3.67]

Huckstep 2018

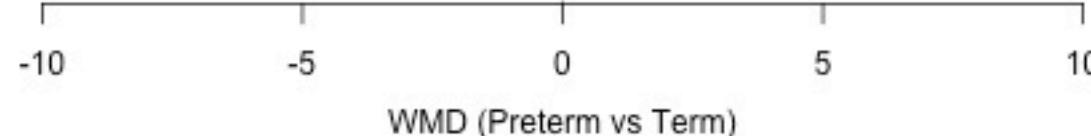
3.40 [0.42, 6.38]

Lewandowski 2013

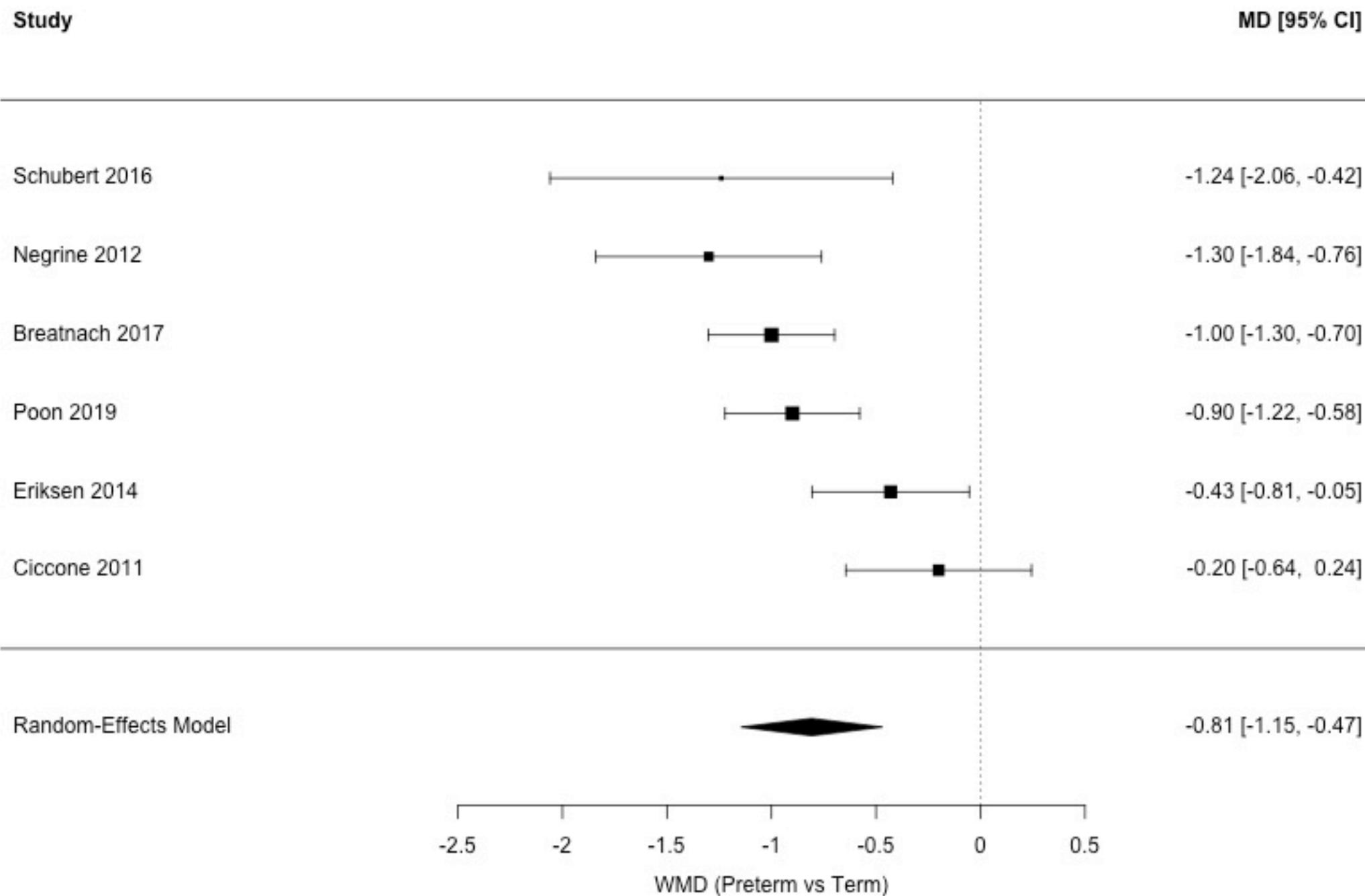
0.40 [-1.12, 1.92]

Random-Effects Model

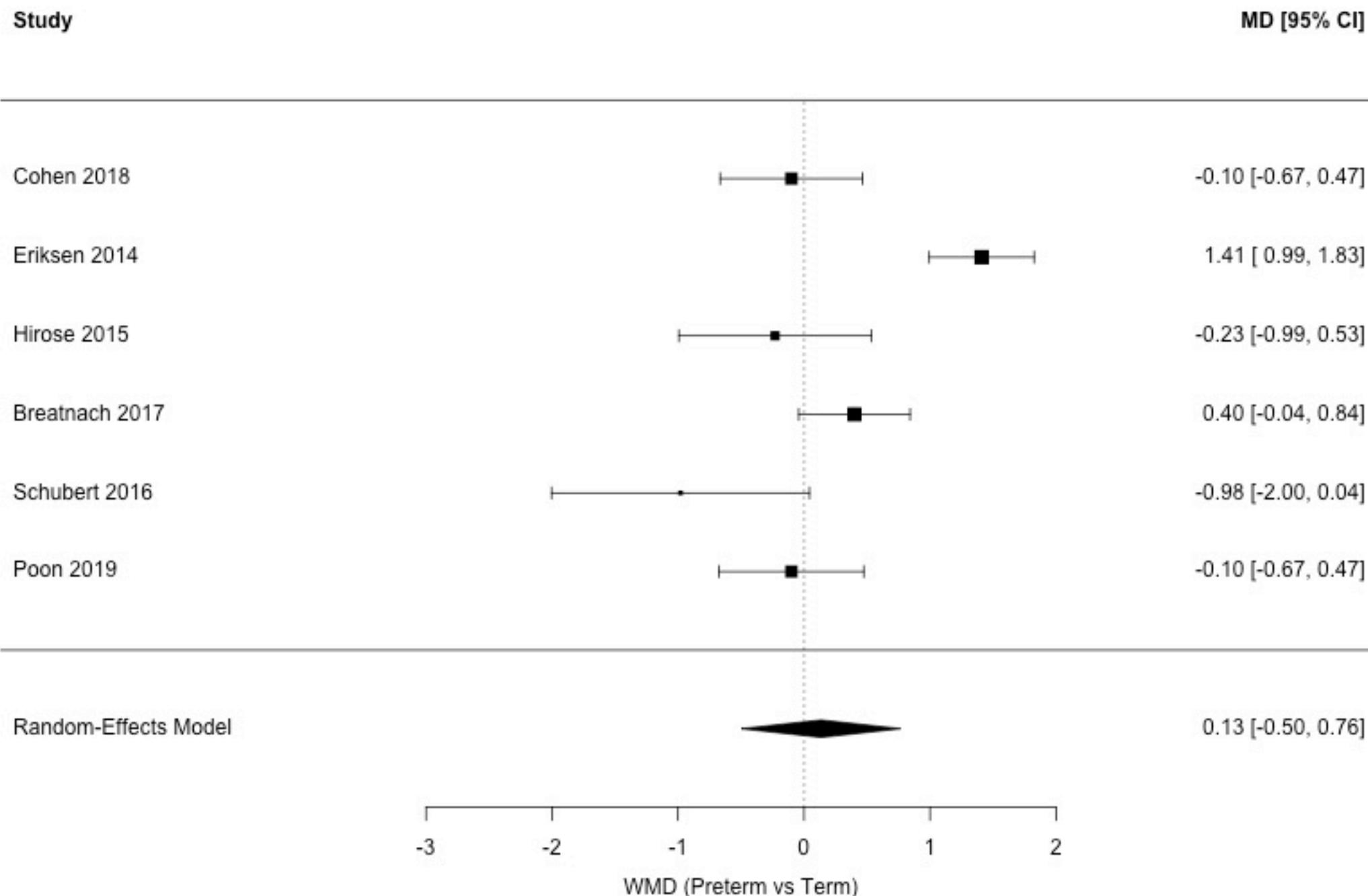
1.15 [0.35, 1.95]



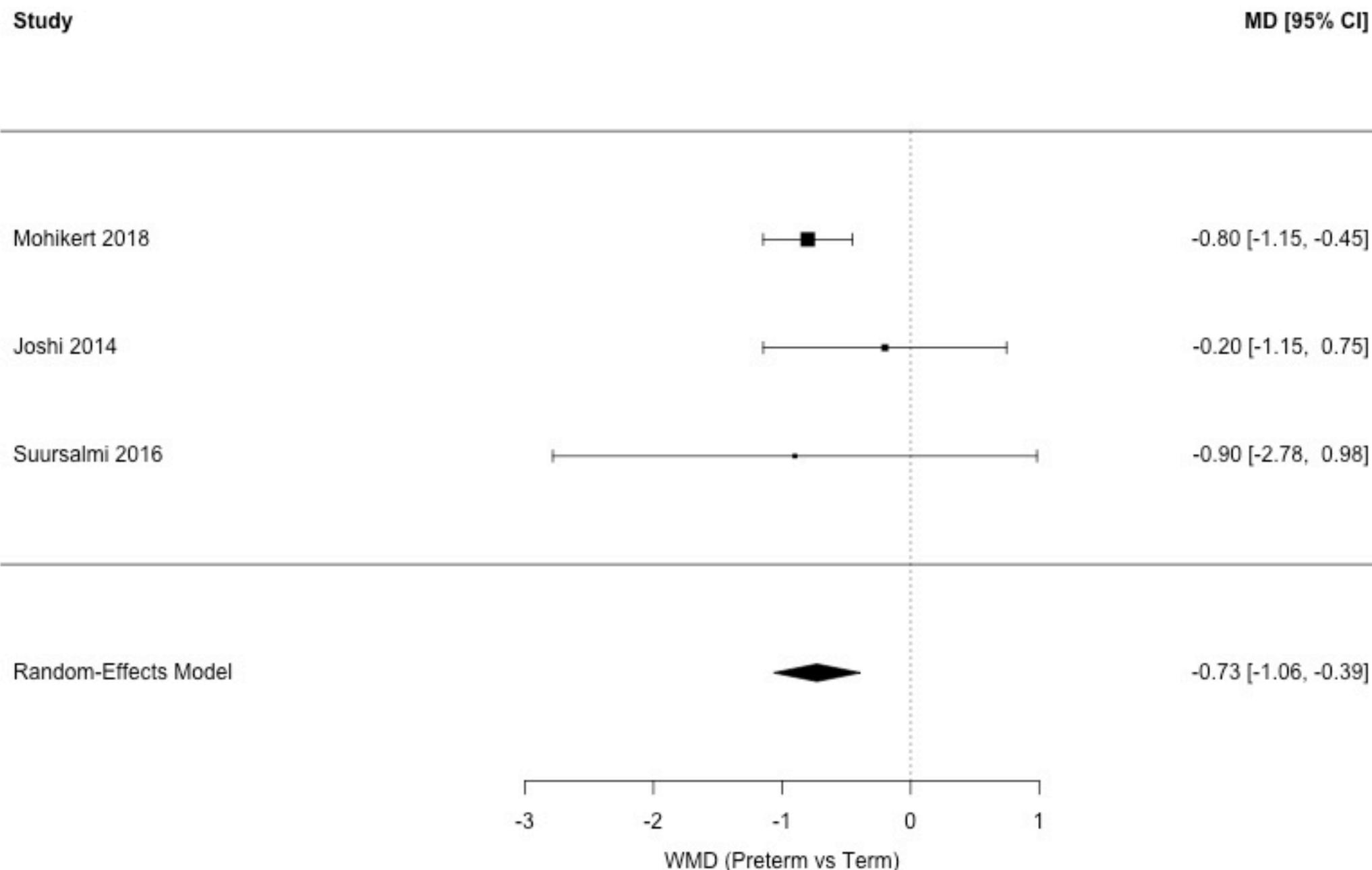
ManualData LVsPrime Neonates TellesMeta



ManualData LVsPrime Infants TellesMeta



ManualData LVsPrime Children TellesMeta



ManualData LVsPrime YoungAdults TellesMeta

Study

MD [95% CI]

Kowalski 2016



-0.30 [-0.83, 0.23]

Huckstep 2018

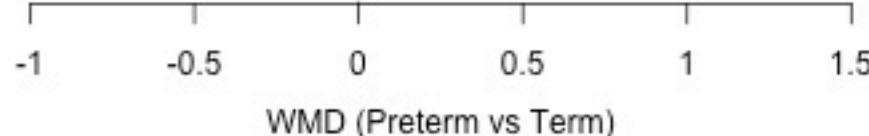


0.50 [-0.36, 1.36]

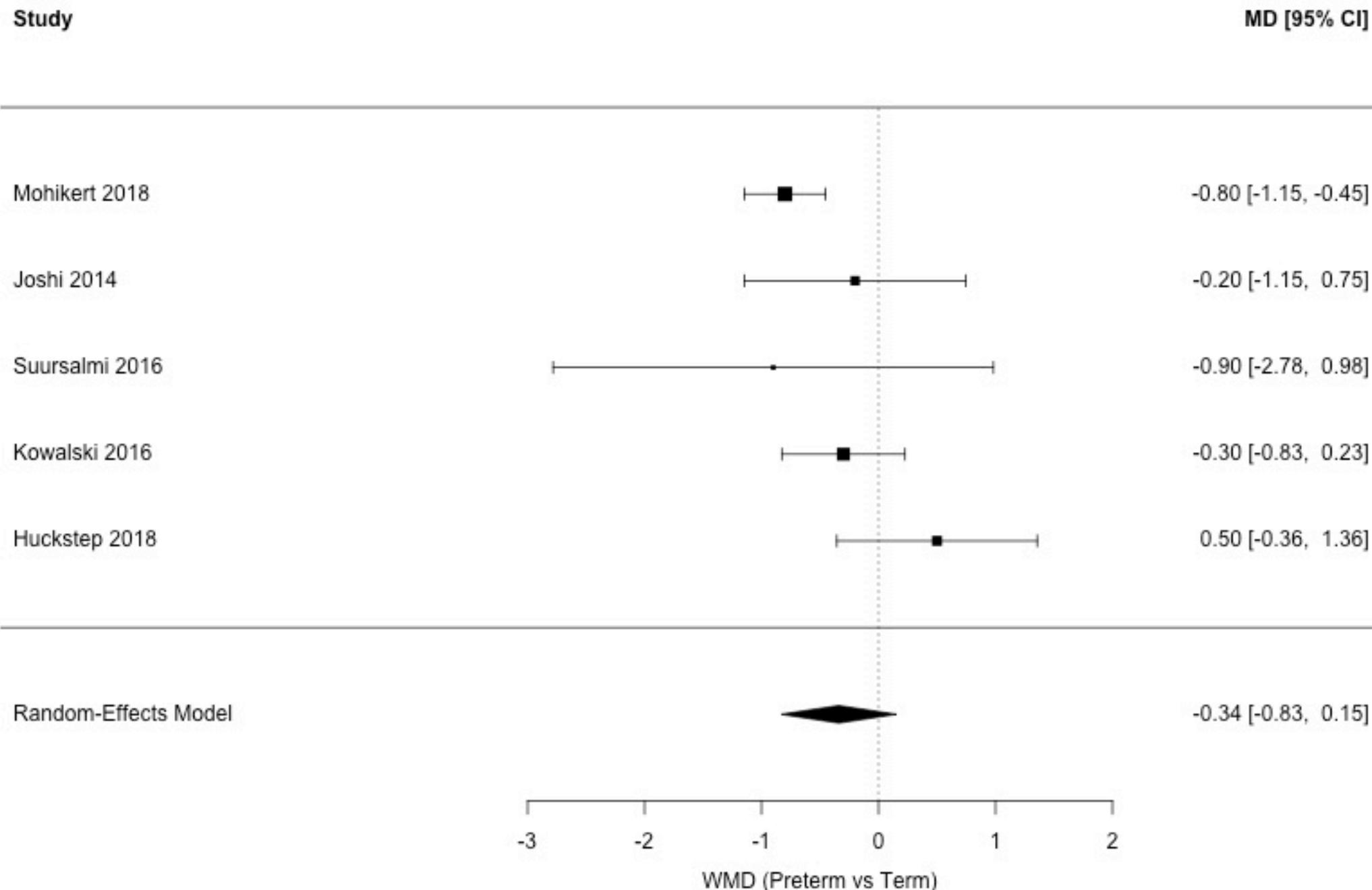
Random-Effects Model



0.03 [-0.74, 0.80]



ManualData LVsPrime ChildrenAndYoungAdults TellesMeta



ManualData LVsPrime Neonates Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Schubert 2016



-1.24 [-2.06, -0.42]

Negrine 2012



-0.77 [-1.13, -0.41]

Breatnach 2017

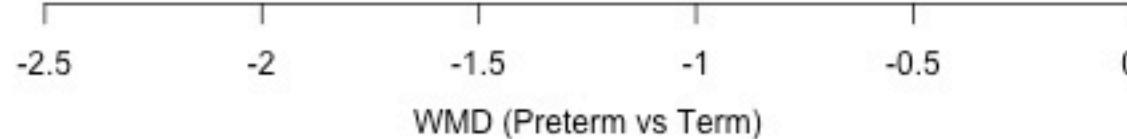


-1.00 [-1.30, -0.70]

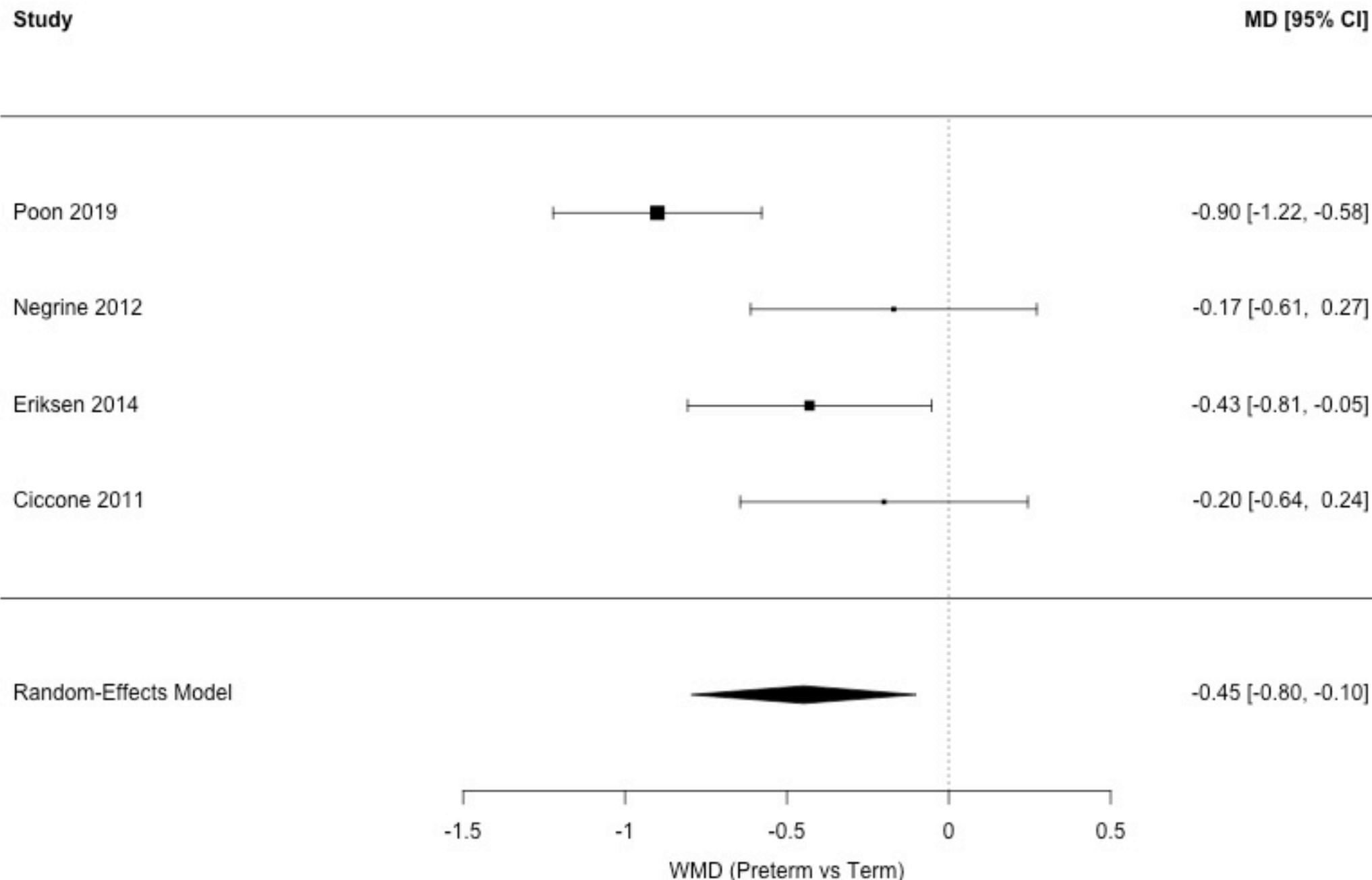
Random-Effects Model



-0.93 [-1.15, -0.71]



ManualData LVsPrime Neonates Stratified GreaterOrEqualThan32Weeks TellesMeta



ManualData LVsPrime Infants Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Cohen 2018



-0.10 [-0.67, 0.47]

Hirose 2015



-0.23 [-0.99, 0.53]

Breatnach 2017



0.40 [-0.04, 0.84]

Schubert 2016



-0.98 [-2.00, 0.04]

Poon 2019



-0.10 [-0.67, 0.47]

Random-Effects Model

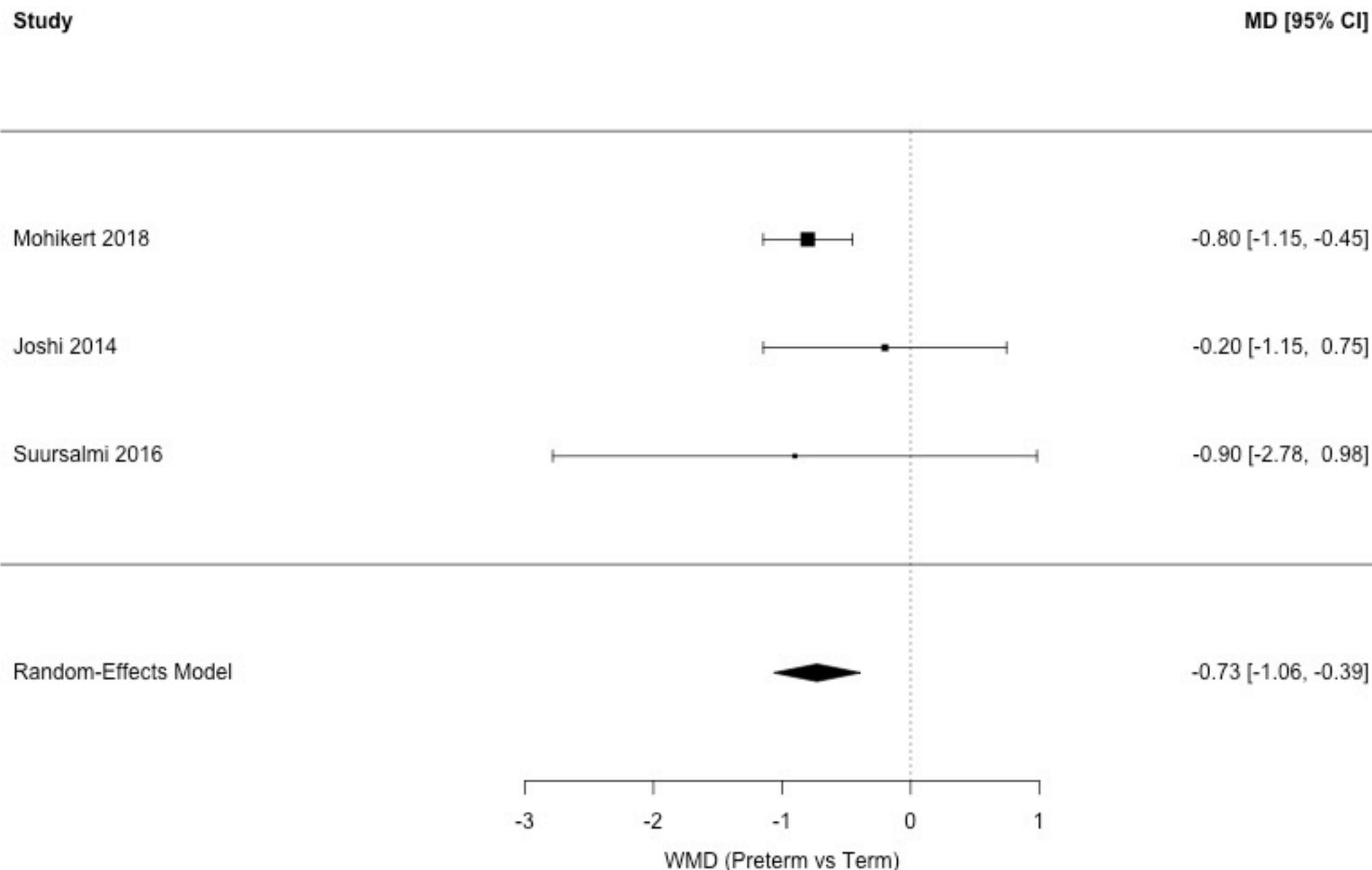


-0.07 [-0.44, 0.30]

-3 -2 -1 0 1

WMD (Preterm vs Term)

ManualData LVsPrime Children Stratified LessThan32Weeks TellesMeta



ManualData LVsPrime YoungAdults Stratified LessThan32Weeks TellesMeta

Study

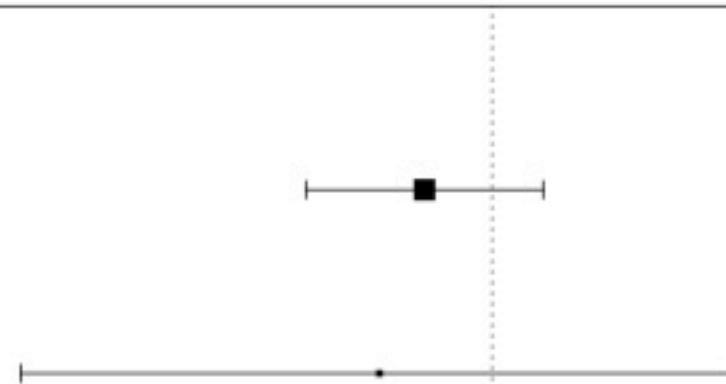
MD [95% CI]

Kowalski 2016



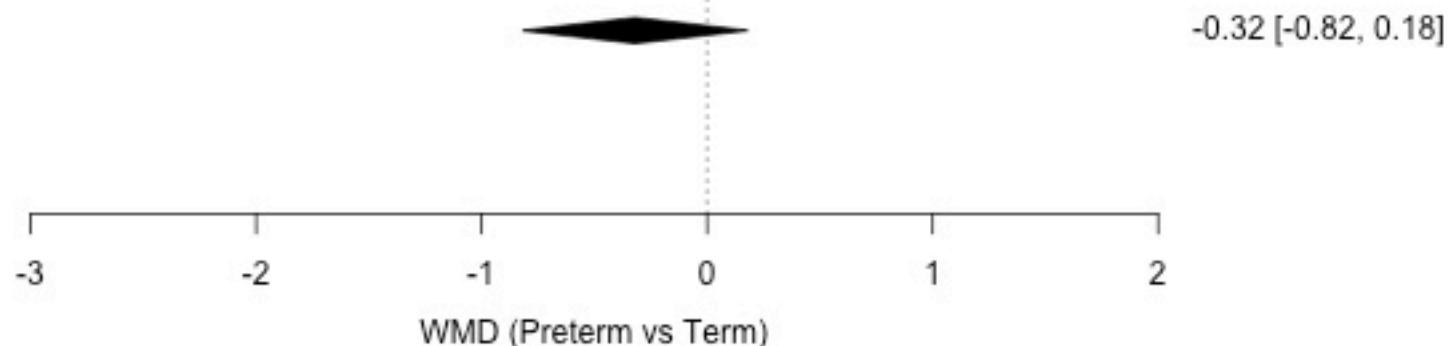
-0.30 [-0.83, 0.23]

Huckstep 2018



-0.50 [-2.09, 1.09]

Random-Effects Model



-0.32 [-0.82, 0.18]

ManualData LVsPrime ChildrenAndYoungAdults Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Mohikert 2018



-0.80 [-1.15, -0.45]

Joshi 2014



-0.20 [-1.15, 0.75]

Suursalmi 2016



-0.90 [-2.78, 0.98]

Kowalski 2016



-0.30 [-0.83, 0.23]

Huckstep 2018



-0.50 [-2.09, 1.09]

Random-Effects Model



-0.56 [-0.92, -0.20]

-3 -2 -1 0 1 2

WMD (Preterm vs Term)

ManualData LVSVI Children TellesMeta

Study

MD [95% CI]

Mohikert 2018



-0.30 [-1.06, 0.46]

Kwinta 2013



-6.03 [-11.15, -0.91]

Suursalmi 2016

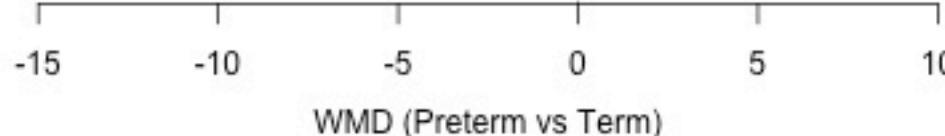


3.60 [-1.59, 8.79]

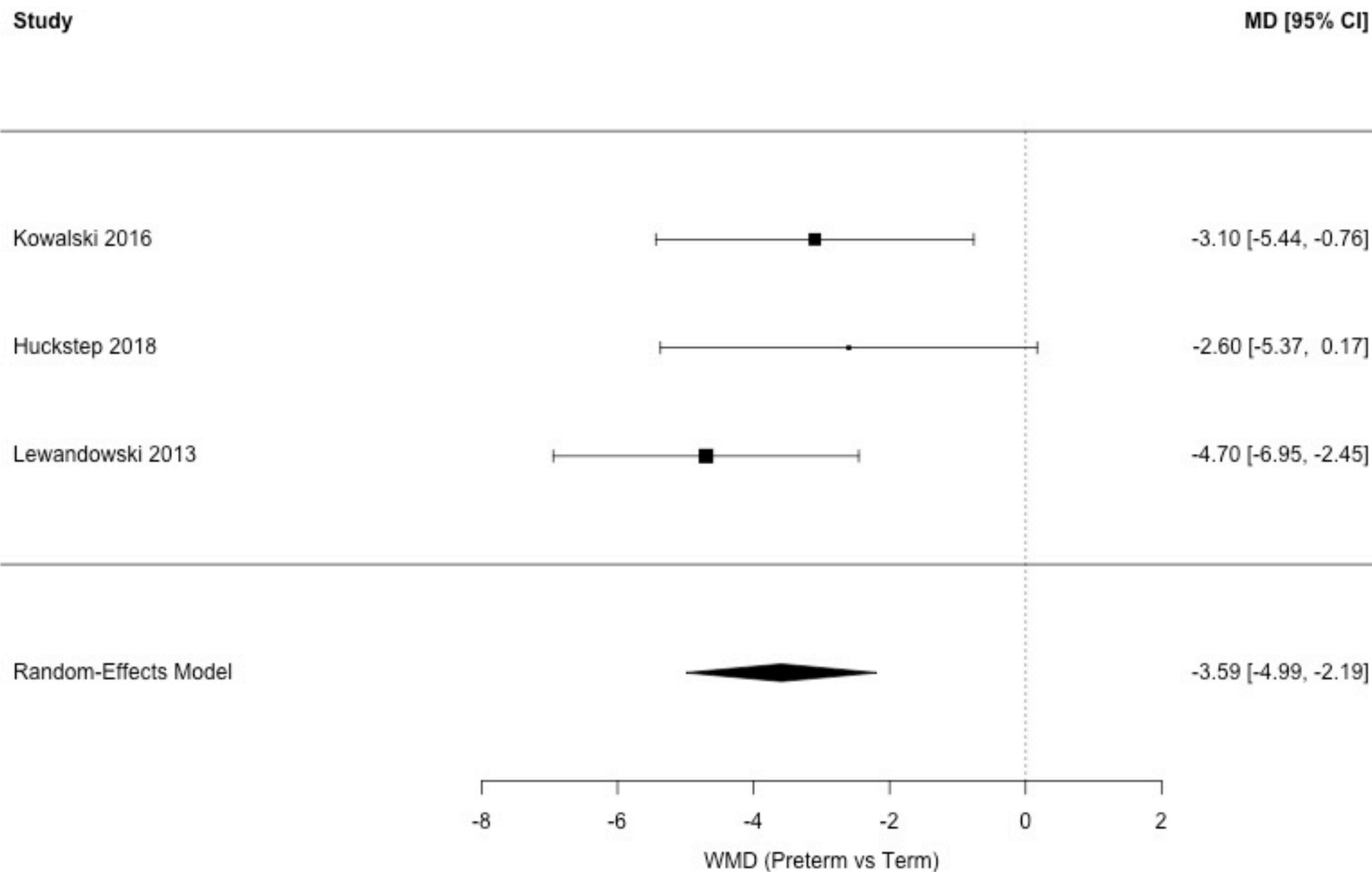
Random-Effects Model



-0.84 [-5.63, 3.95]



ManualData LSVI Young Adults TellesMeta



ManualData LSVI Children Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Mohikert 2018



-0.30 [-1.06, 0.46]

Kwinta 2013



-6.03 [-11.15, -0.91]

Suursalmi 2016

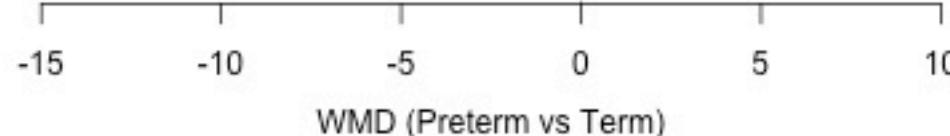


3.60 [-1.59, 8.79]

Random-Effects Model



-0.84 [-5.63, 3.95]



ManualData LSVI YoungAdults Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Kowalski 2016



-3.10 [-5.44, -0.76]

Huckstep 2018



-5.50 [-9.96, -1.04]

Lewandowski 2013

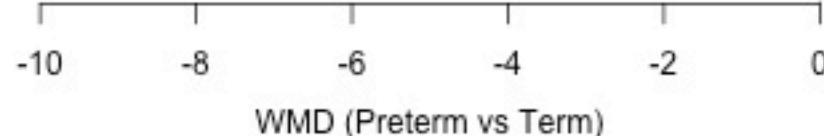


-4.70 [-6.95, -2.45]

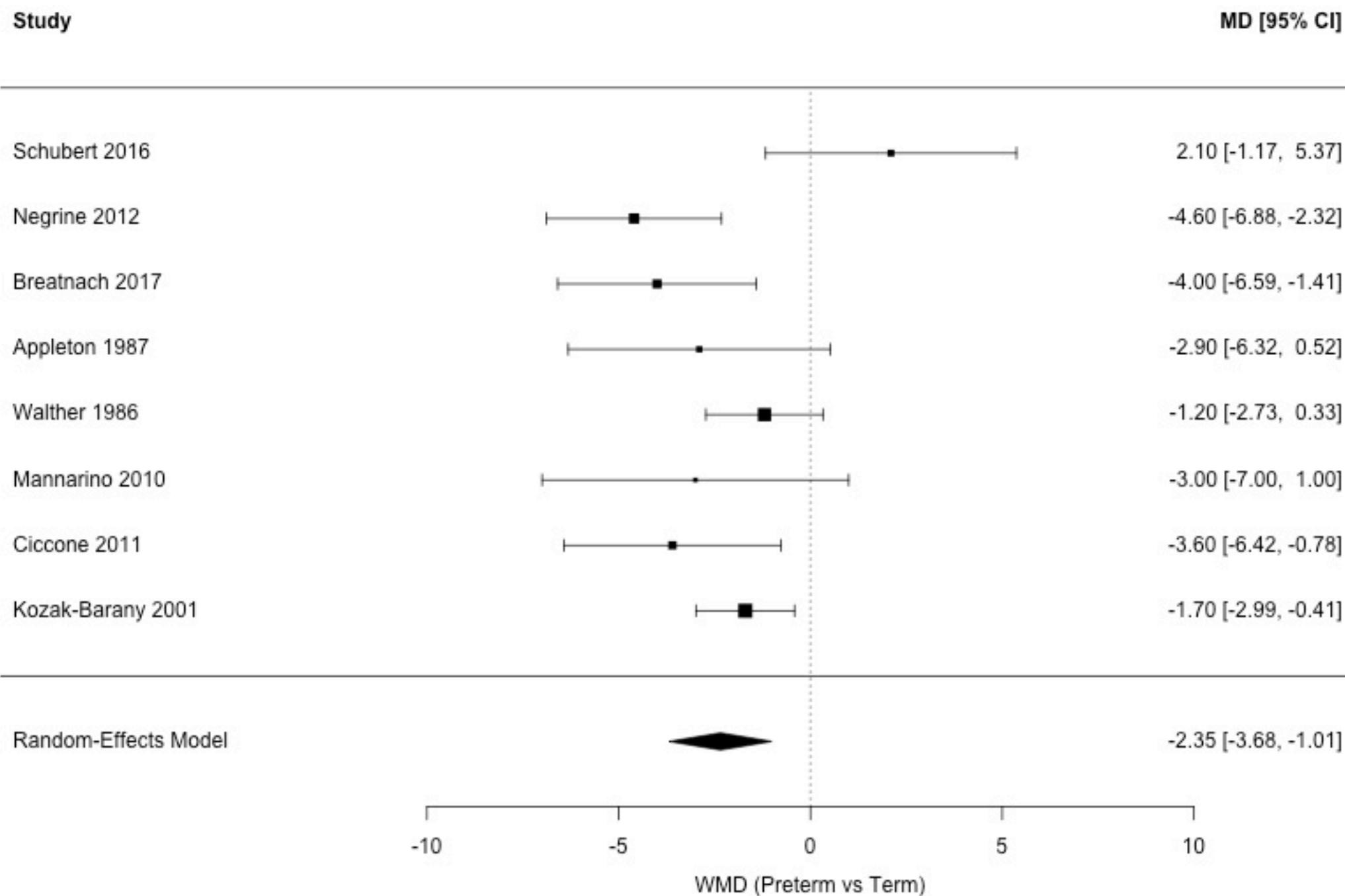
Random-Effects Model



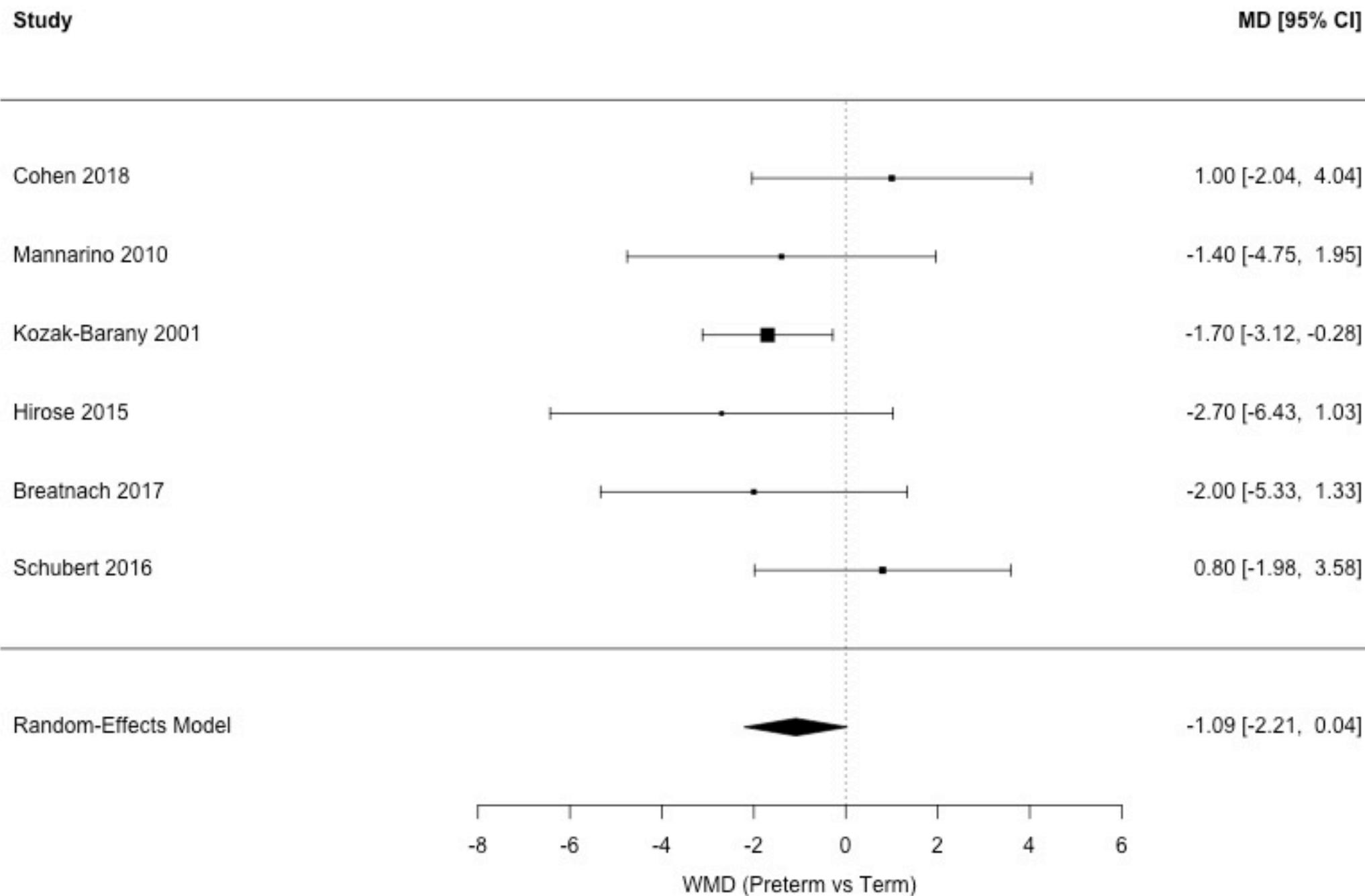
-4.11 [-5.64, -2.59]



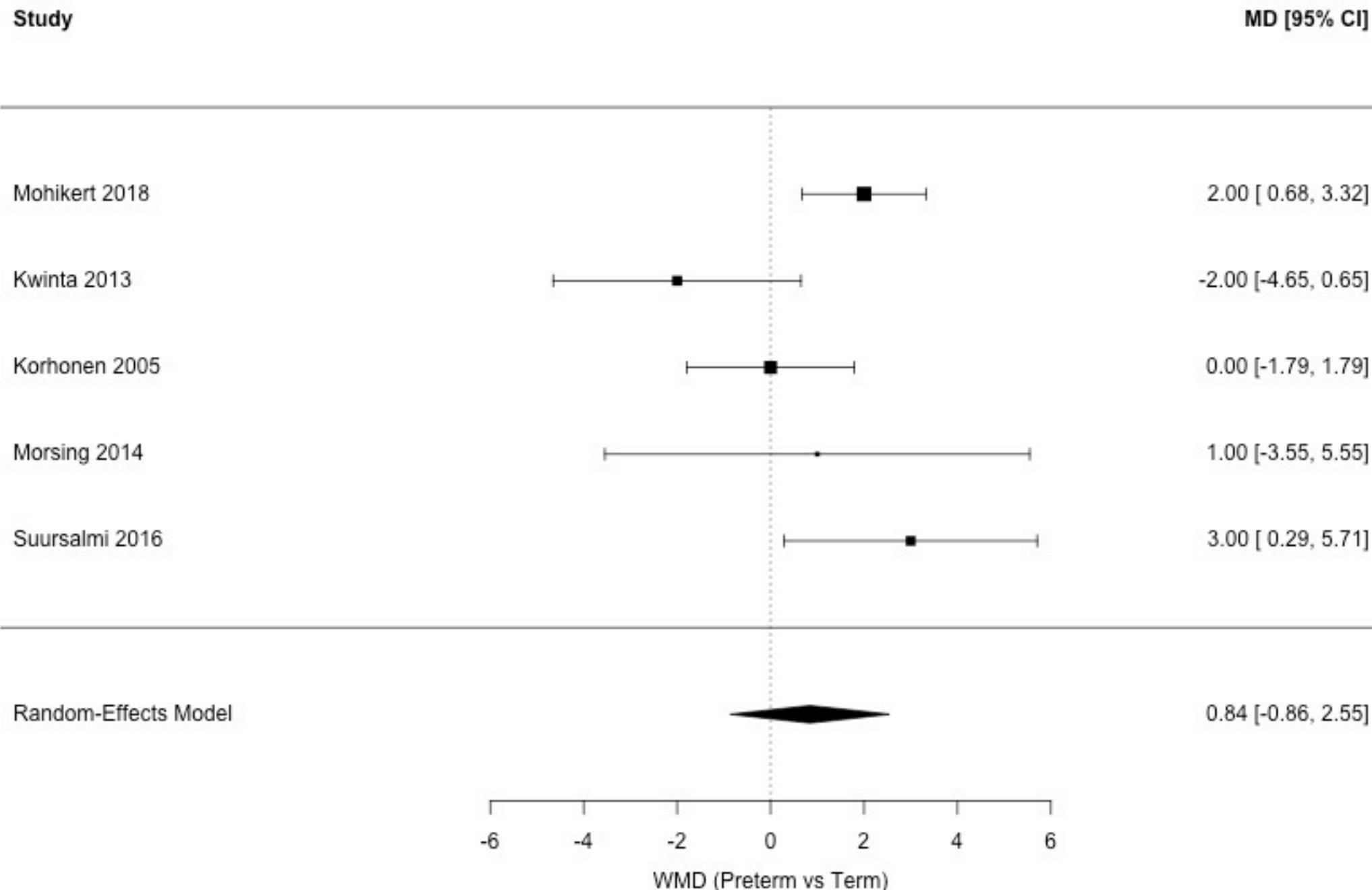
ManualData LVFS Neonates TellesMeta



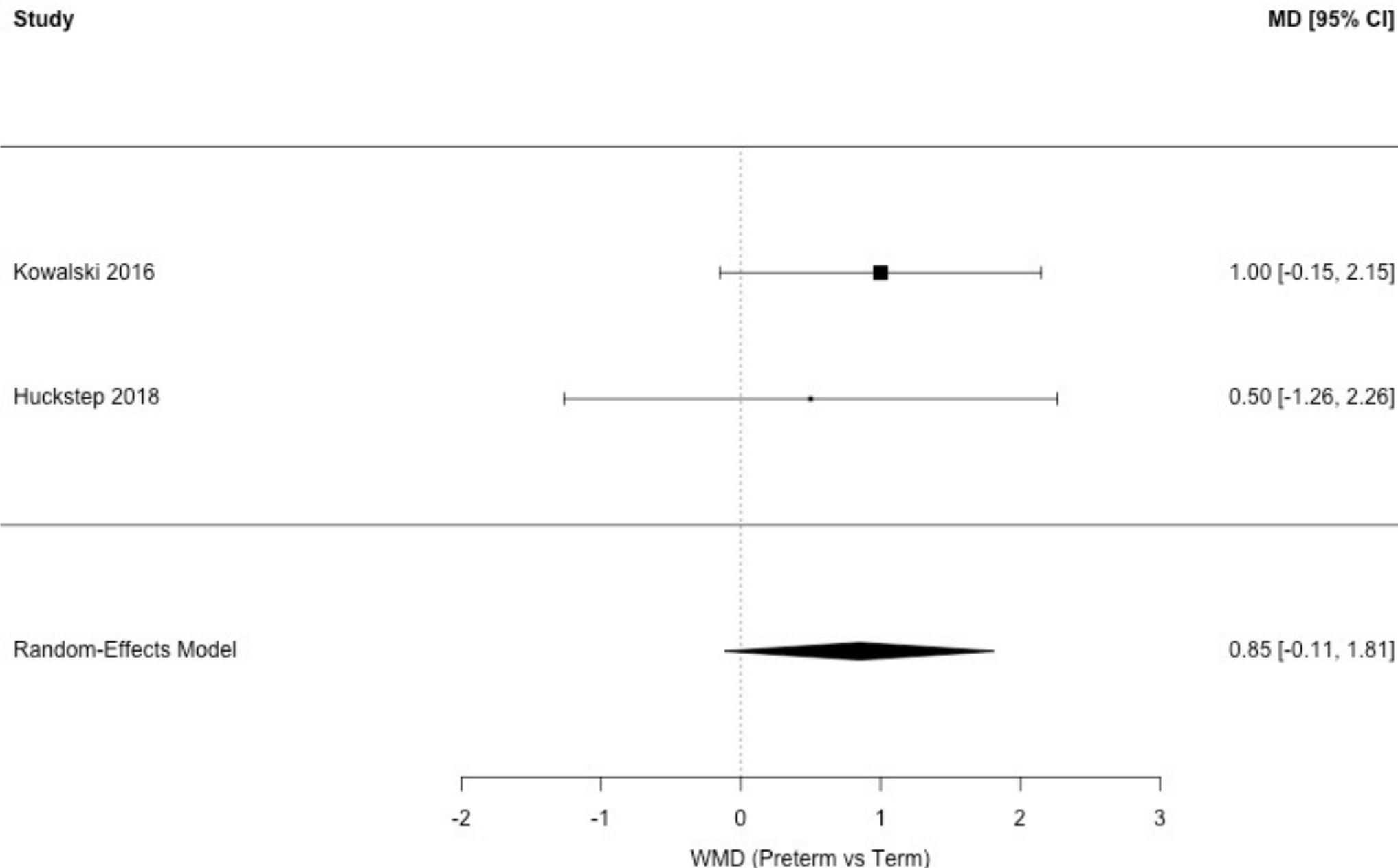
ManualData LVFS Infants TellesMeta



ManualData LVFS Children TellesMeta



ManualData LVFS YoungAdults TellesMeta

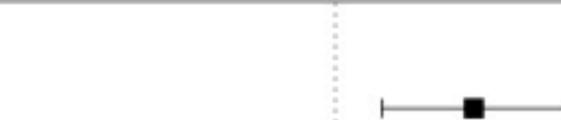


ManualData LVFS ChildrenAndYoungAdults TellesMeta

Study

MD [95% CI]

Mohikert 2018



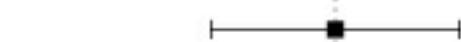
2.00 [0.68, 3.32]

Kwinta 2013



-2.00 [-4.65, 0.65]

Korhonen 2005



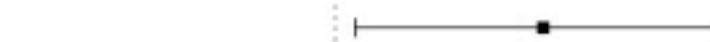
0.00 [-1.79, 1.79]

Morsing 2014



1.00 [-3.55, 5.55]

Suursalmi 2016



3.00 [0.29, 5.71]

Kowalski 2016



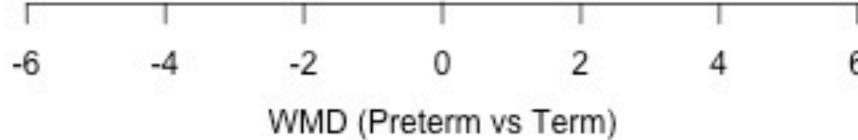
1.00 [-0.15, 2.15]

Huckstep 2018



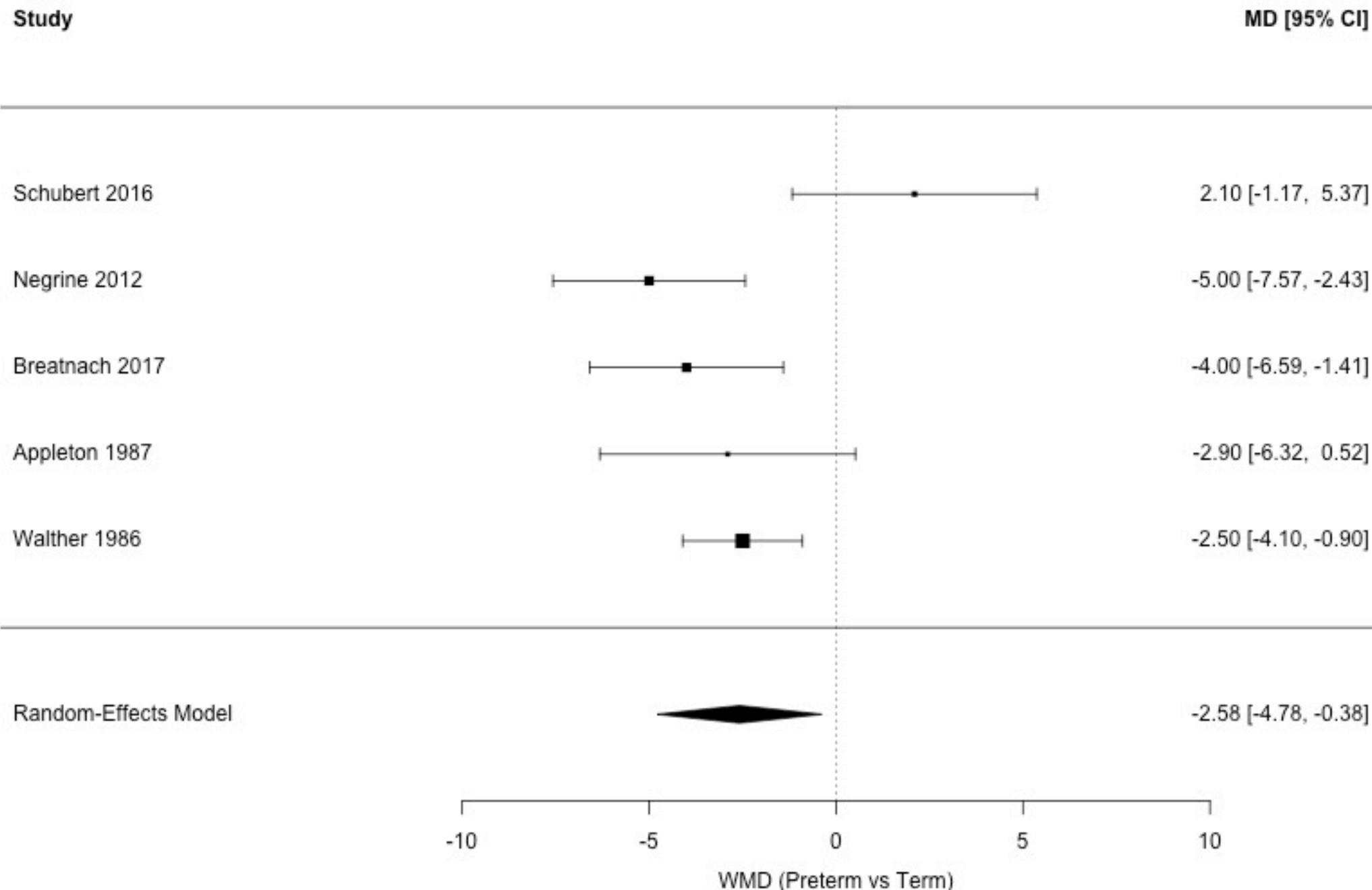
0.50 [-1.26, 2.26]

Random-Effects Model



0.87 [-0.08, 1.83]

ManualData LVFS Neonates Stratified LessThan32Weeks TellesMeta



ManualData LVFS Neonates Stratified GreaterOrEqualThan32Weeks TellesMeta

Study

MD [95% CI]

Negrine 2012



-4.00 [-6.63, -1.37]

Appleton 1987



-2.00 [-5.78, 1.78]

Walther 1986



1.60 [-1.06, 4.26]

Mannarino 2010



-3.00 [-7.00, 1.00]

Ciccone 2011



-3.60 [-6.42, -0.78]

Kozak-Barany 2001

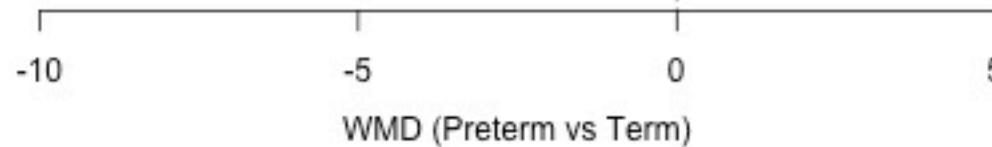


-1.70 [-2.99, -0.41]

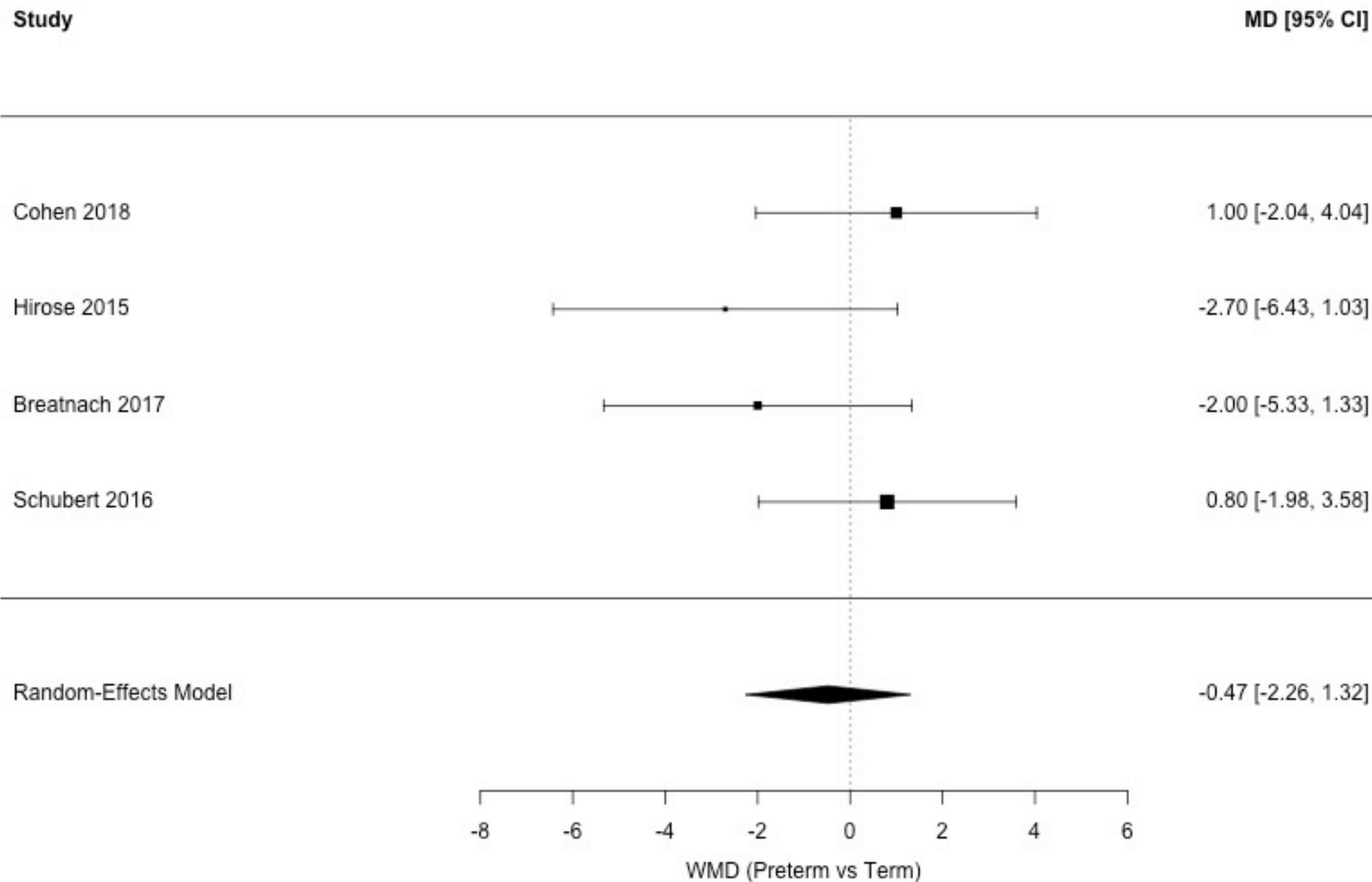
Random-Effects Model



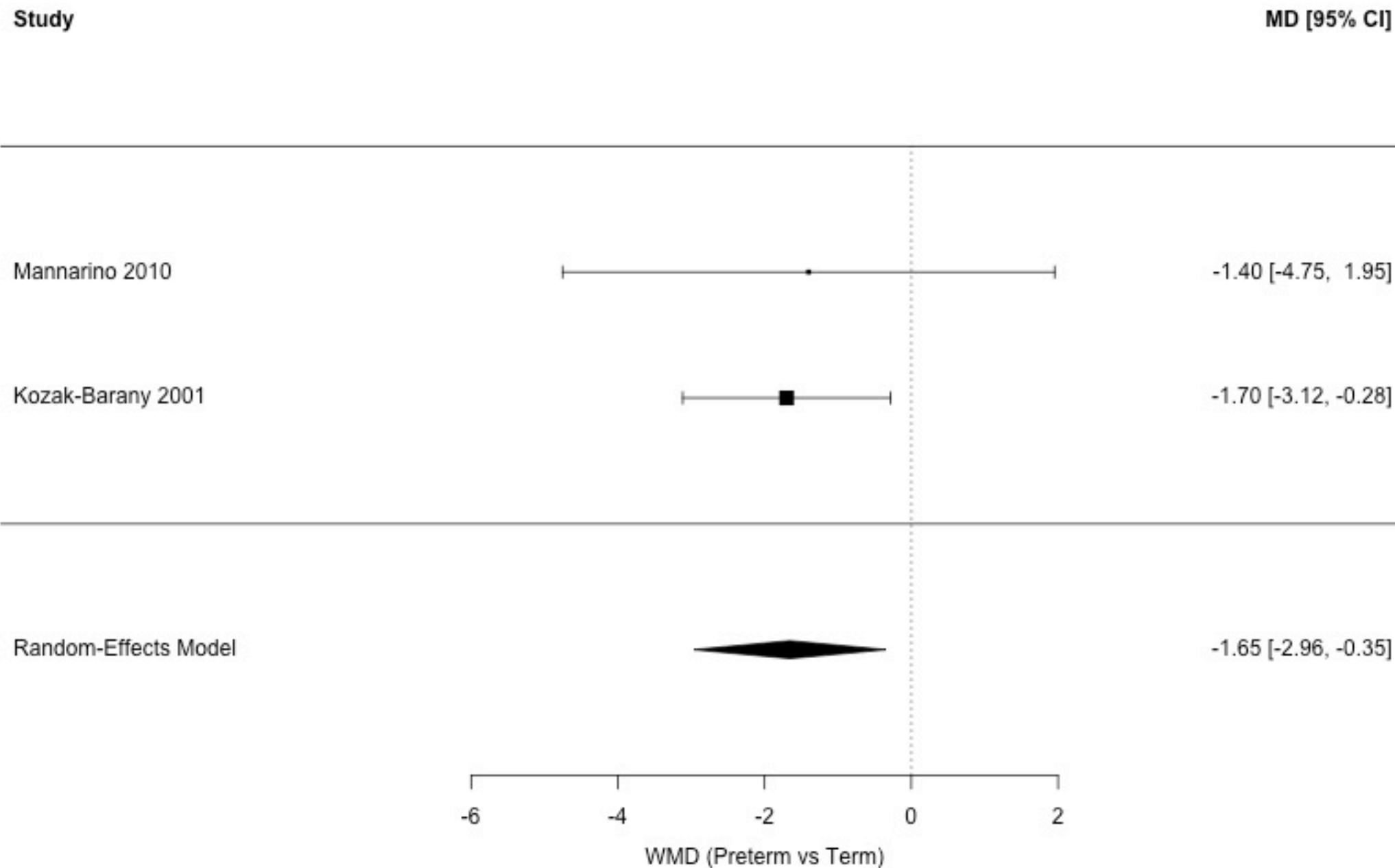
-2.02 [-3.69, -0.35]



ManualData LVFS Infants Stratified LessThan32Weeks TellesMeta



ManualData LVFS Infants Stratified GreaterOrEqualThan32Weeks TellesMeta



ManualData LVFS Children Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Mohikert 2018



2.00 [0.68, 3.32]

Kwinta 2013



-2.00 [-4.65, 0.65]

Korhonen 2005



0.00 [-1.79, 1.79]

Morsing 2014



1.00 [-3.55, 5.55]

Suursalmi 2016

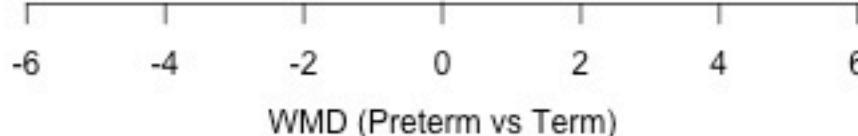


3.00 [0.29, 5.71]

Random-Effects Model



0.84 [-0.86, 2.55]



ManualData LVFS YoungAdults Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Kowalski 2016



1.00 [-0.15, 2.15]

Huckstep 2018

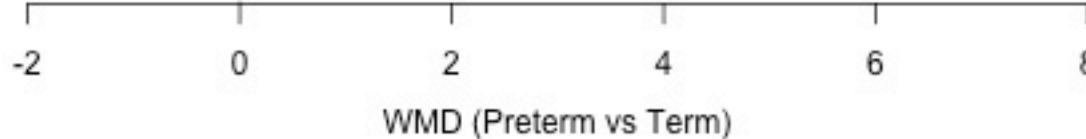


3.70 [0.78, 6.62]

Random-Effects Model



2.00 [-0.55, 4.56]



ManualData LVFS ChildrenAndYoungAdults Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Mohikert 2018



2.00 [0.68, 3.32]

Kwinta 2013



-2.00 [-4.65, 0.65]

Korhonen 2005



0.00 [-1.79, 1.79]

Morsing 2014



1.00 [-3.55, 5.55]

Suursalmi 2016



3.00 [0.29, 5.71]

Kowalski 2016



1.00 [-0.15, 2.15]

Huckstep 2018



3.70 [0.78, 6.62]

Random-Effects Model

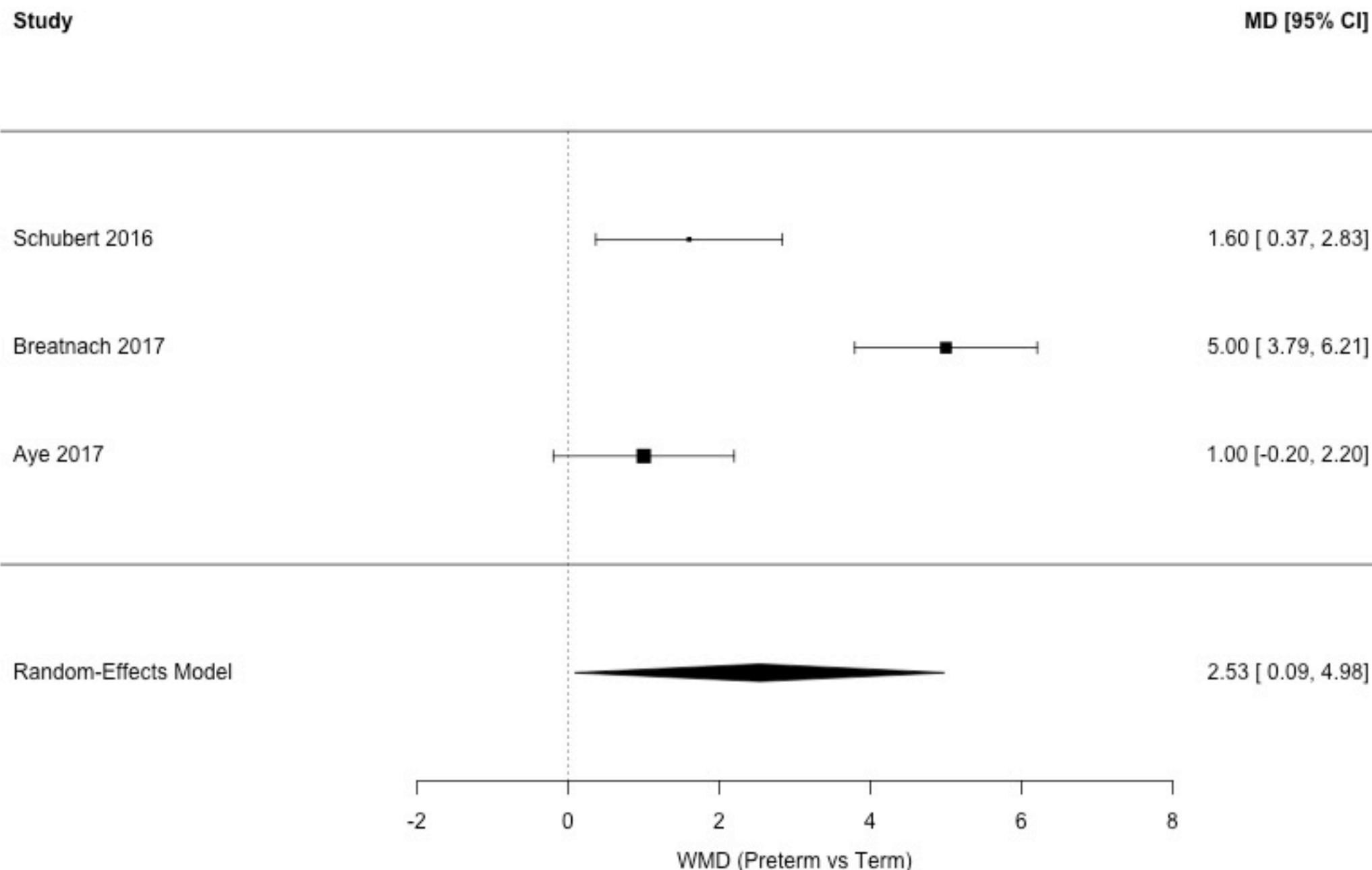


1.20 [-0.05, 2.45]

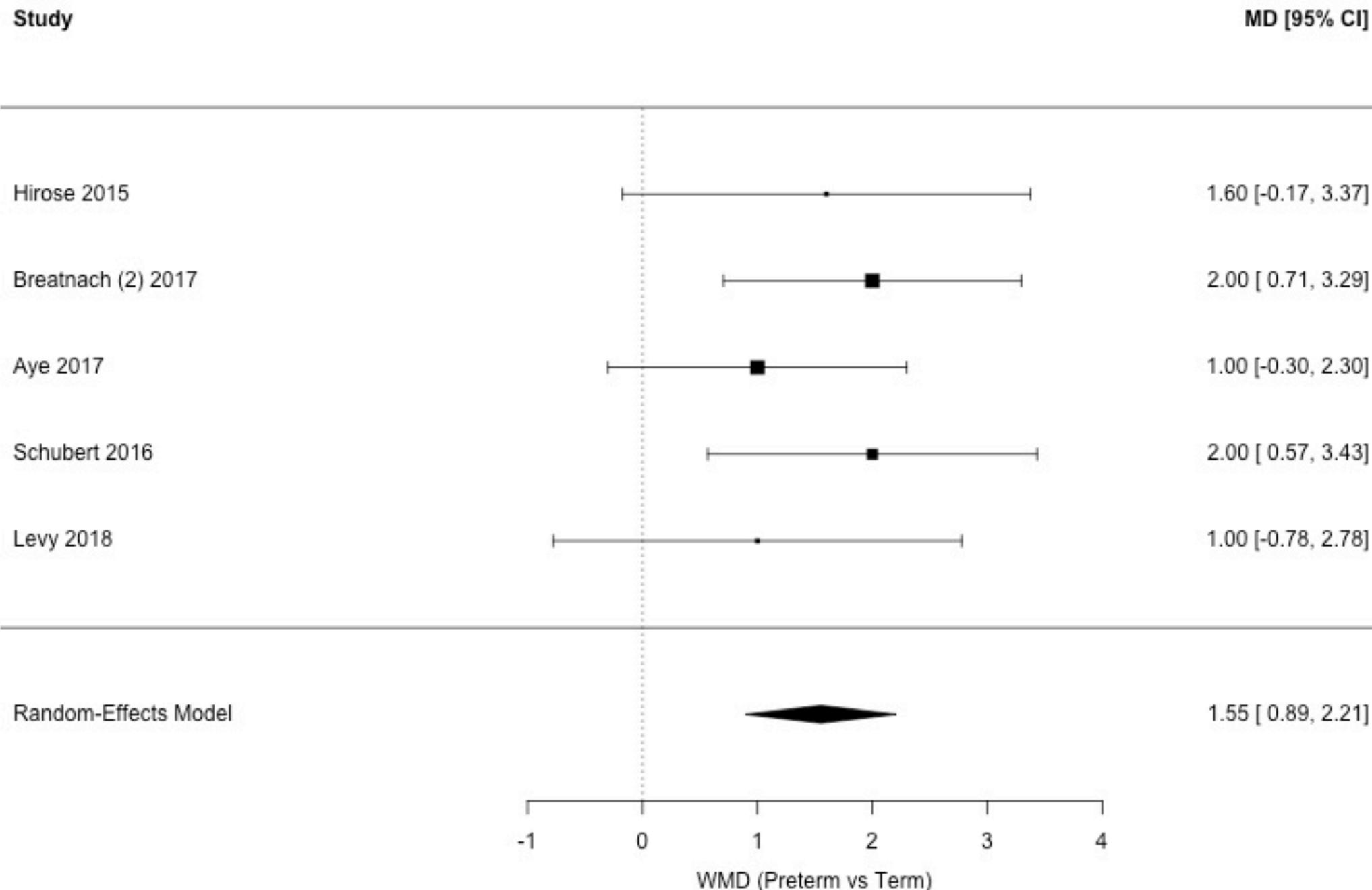


WMD (Preterm vs Term)

ManualData LVStrain Neonates TellesMeta



ManualData LVStrain Infants TellesMeta



ManualData LVStrain Children TellesMeta

Study

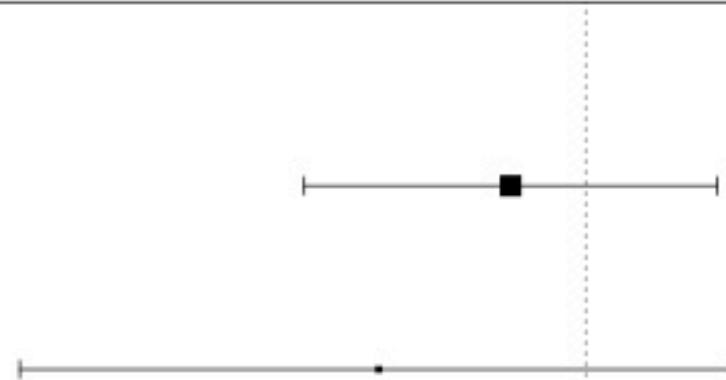
MD [95% CI]

Mohikert 2018



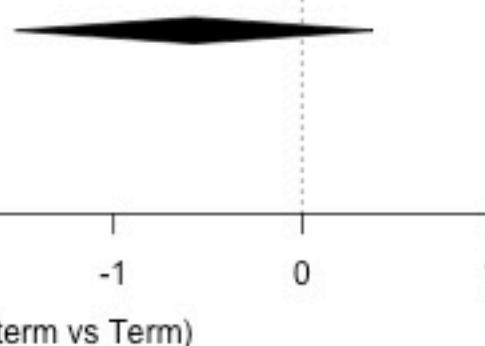
-0.40 [-1.49, 0.69]

Suursalmi 2017



-1.10 [-3.00, 0.80]

Random-Effects Model



-0.57 [-1.52, 0.37]



ManualData LVStrain YoungAdults TellesMeta

Study

MD [95% CI]

Huckstep 2018



0.90 [-0.21, 2.01]

Lewandowski 2013

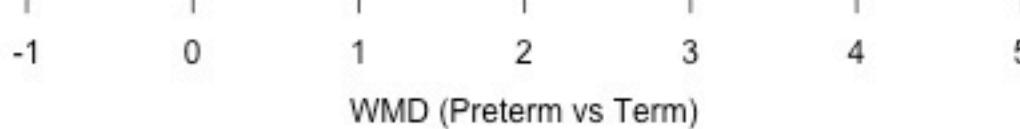


3.10 [2.09, 4.11]

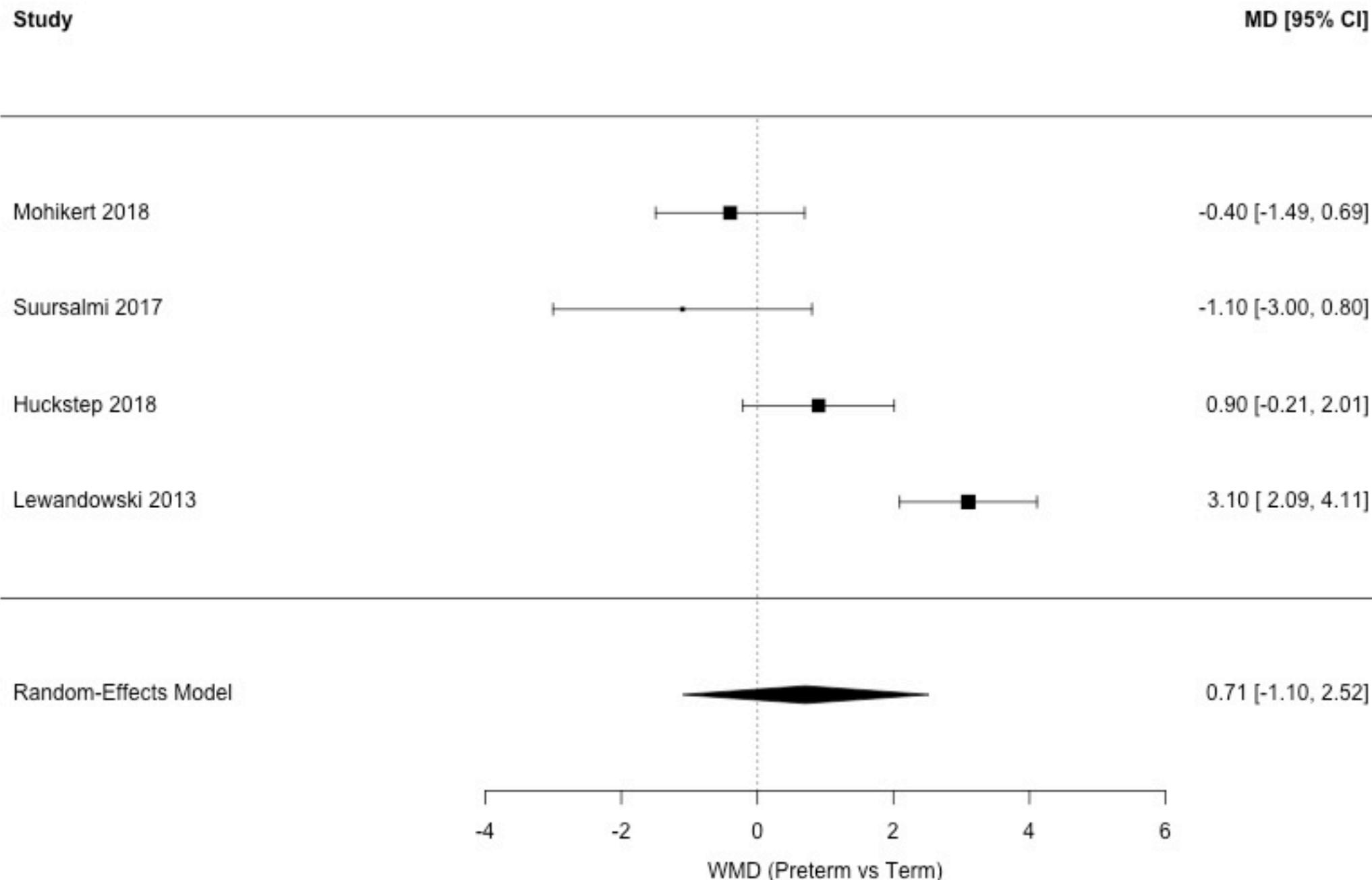
Random-Effects Model



2.01 [-0.14, 4.17]



ManualData LVStrain ChildrenAndYoungAdults TellesMeta



ManualData LVStrain Neonates Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Schubert 2016



1.60 [0.37, 2.83]

Breatnach 2017



5.00 [3.79, 6.21]

Aye 2017

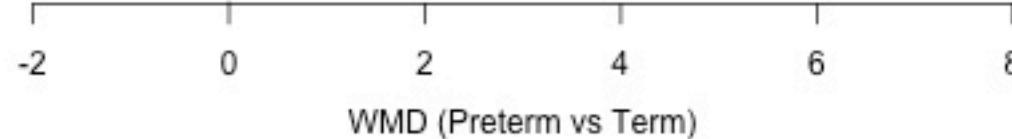


1.17 [-1.11, 3.45]

Random-Effects Model



2.68 [0.26, 5.11]



ManualData LVStrain Infants Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Hirose 2015



1.60 [-0.17, 3.37]

Breatnach (2) 2017



2.00 [0.71, 3.29]

Aye 2017



2.20 [0.15, 4.25]

Schubert 2016



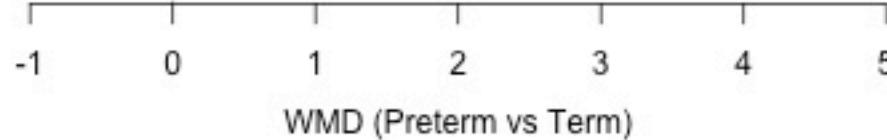
2.00 [0.57, 3.43]

Levy 2018



1.00 [-0.78, 2.78]

Random-Effects Model



1.80 [1.08, 2.51]

-1 0 1 2 3 4 5

WMD (Preterm vs Term)

ManualData LVStrain Children Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Mohikert 2018



-0.40 [-1.49, 0.69]

Suursalmi 2017

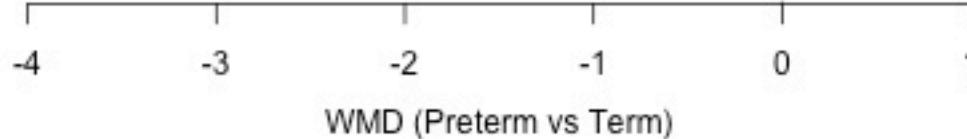


-1.10 [-3.00, 0.80]

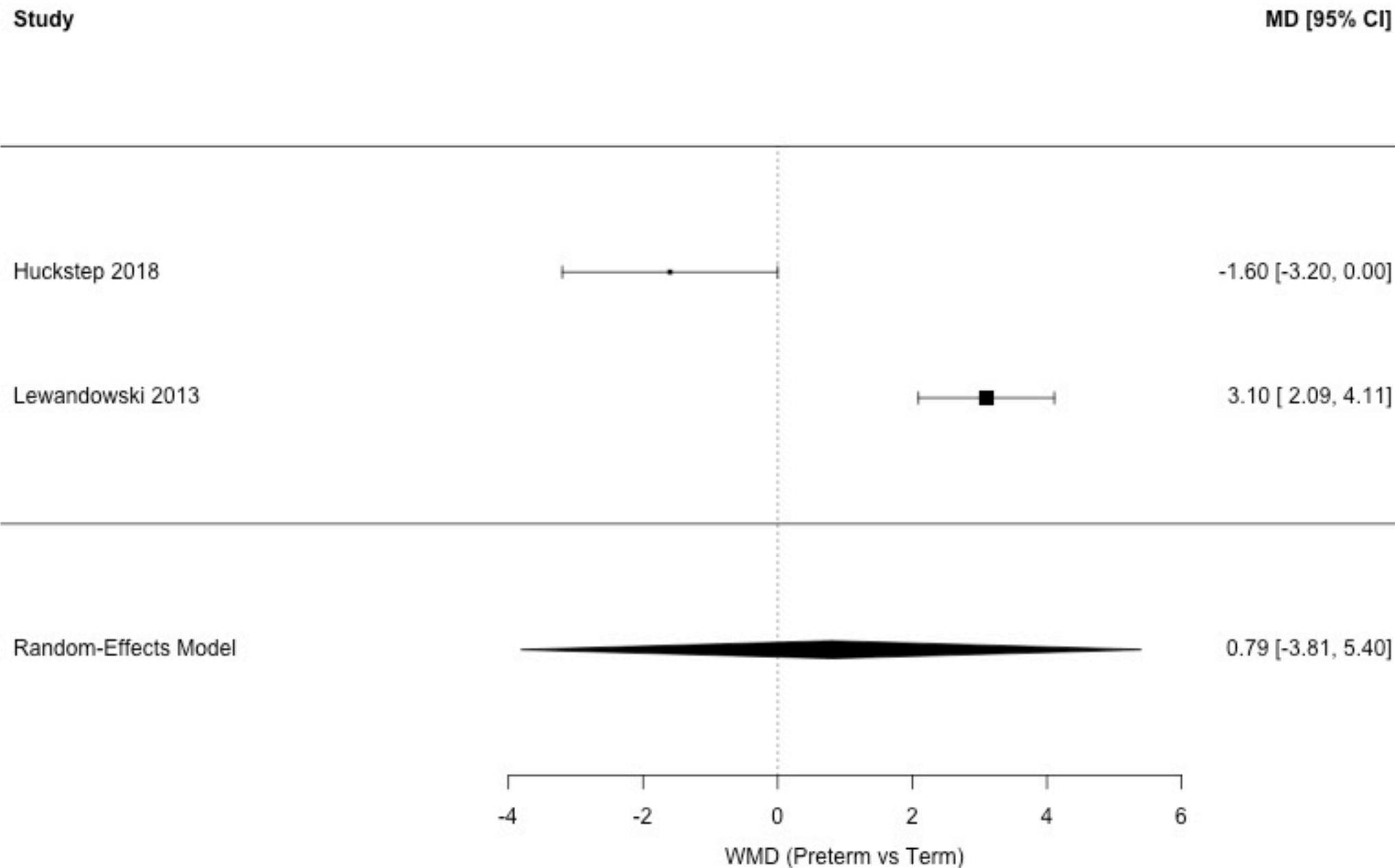
Random-Effects Model



-0.57 [-1.52, 0.37]



ManualData LVStrain YoungAdults Stratified LessThan32Weeks TellesMeta



ManualData LVStrain ChildrenAndYoungAdults Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Mohikert 2018



-0.40 [-1.49, 0.69]

Suursalmi 2017



-1.10 [-3.00, 0.80]

Huckstep 2018



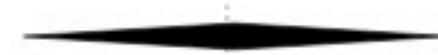
-1.60 [-3.20, 0.00]

Lewandowski 2013

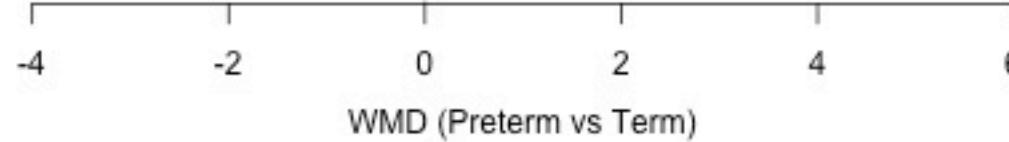


3.10 [2.09, 4.11]

Random-Effects Model



0.07 [-2.07, 2.22]



ManualData MAPSE Neonates TellesMeta

Study

MD [95% CI]

Koestenberger 2015



-0.90 [-1.09, -0.71]

Ghandi 2018



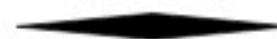
-0.80 [-1.18, -0.42]

Eriksen 2014

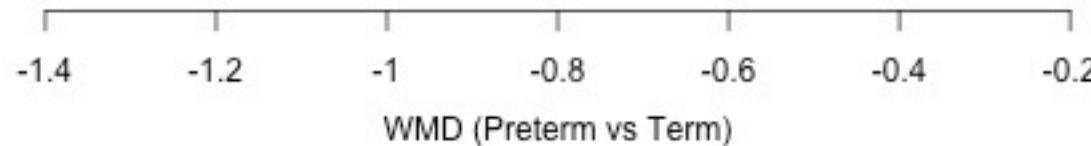


-0.82 [-1.24, -0.40]

Random-Effects Model



-0.87 [-1.03, -0.71]



ManualData MAPSE Neonates Stratified GreaterOrEqualThan32Weeks TellesMeta

Study

MD [95% CI]

Koestenberger 2015



-0.68 [-0.91, -0.45]

Chandi 2018



-0.80 [-1.18, -0.42]

Eriksen 2014

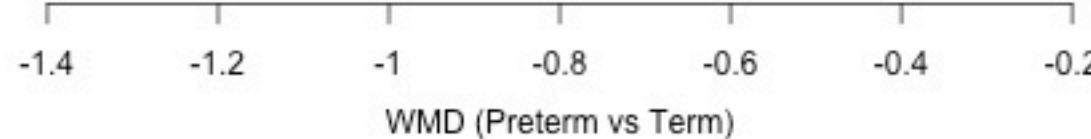


-0.82 [-1.24, -0.40]

Random-Effects Model



-0.73 [-0.91, -0.55]



ManualData LVePrime Neonates Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Schubert 2016



-1.89 [-2.81, -0.97]

Negrine 2012



-2.20 [-2.91, -1.49]

Breatnach 2017



-2.20 [-2.70, -1.70]

Aye 2017

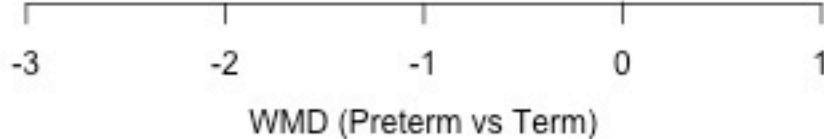


-0.60 [-1.89, 0.69]

Random-Effects Model



-1.99 [-2.41, -1.58]



ManualData LVePrime Neonates Stratified GreaterOrEqualThan32Weeks TellesMeta

Study

MD [95% CI]

Poon 2019



-1.00 [-1.48, -0.52]

Negrine 2012



-0.70 [-1.69, 0.29]

Elkiran 2014



-1.00 [-1.98, -0.02]

Ciccone 2011



-0.30 [-0.97, 0.37]

Aye 2017

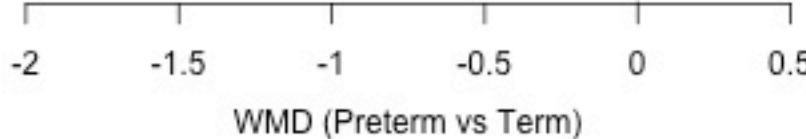


-0.50 [-1.02, 0.02]

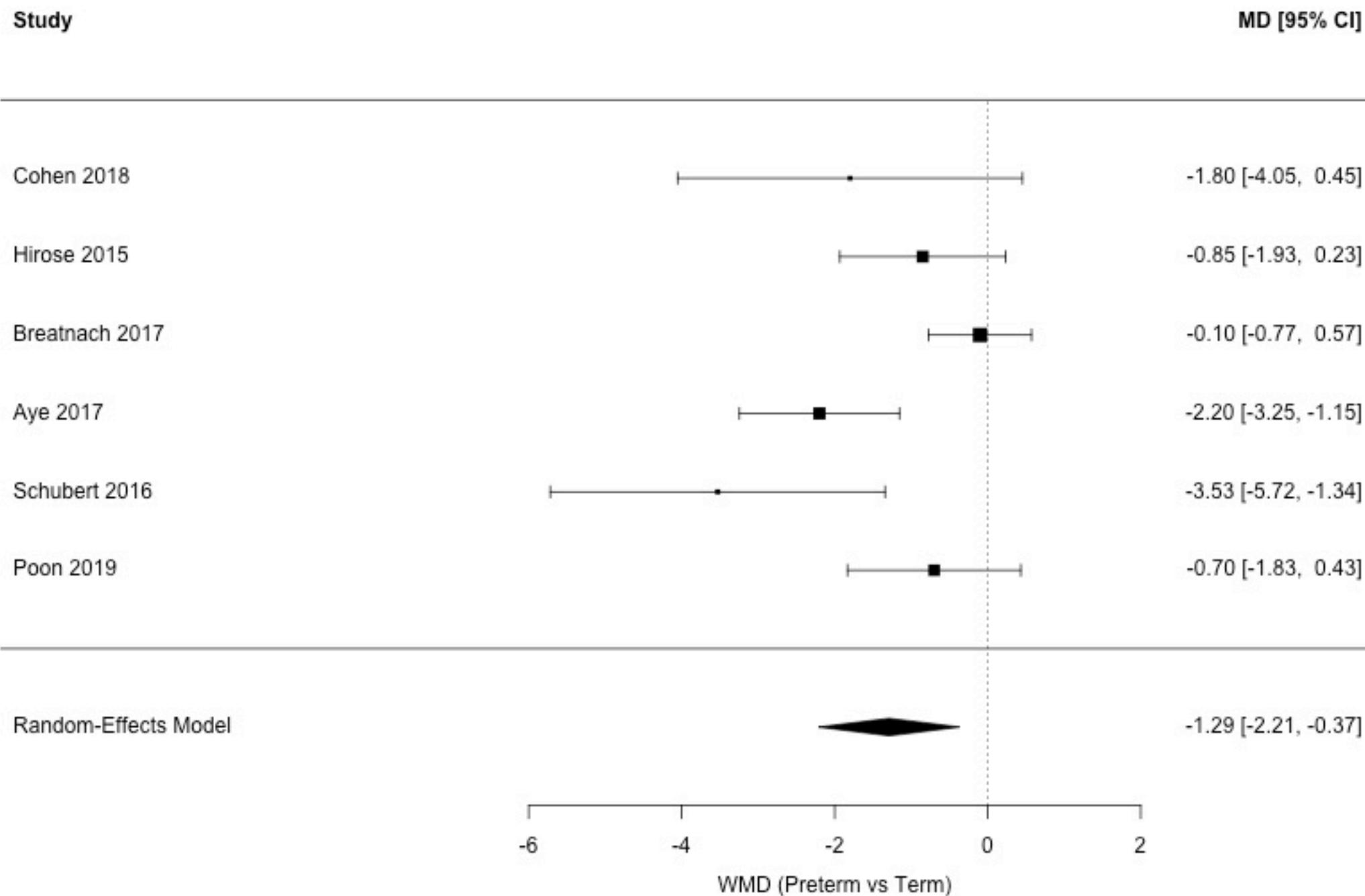
Random-Effects Model



-0.69 [-1.01, -0.37]



ManualData LVePrime Infants Stratified LessThan32Weeks TellesMeta



ManualData LVePrime Children Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Mohikert 2018



-1.30 [-1.89, -0.71]

Joshi 2014



-1.00 [-2.49, 0.49]

Suursalmi 2016



-1.90 [-4.95, 1.15]

Random-Effects Model



-1.28 [-1.82, -0.74]

-6 -4 -2 0 2

WMD (Preterm vs Term)

ManualData LVePrime YoungAdults Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Kowalski 2016



-0.80 [-1.53, -0.07]

Huckstep 2018

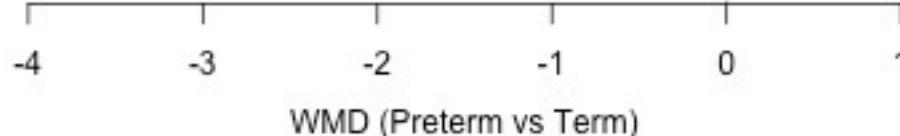


-1.30 [-3.36, 0.76]

Random-Effects Model



-0.86 [-1.54, -0.17]



ManualData LVePrime ChildrenAndYoung Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Mohikert 2018



-1.30 [-1.89, -0.71]

Joshi 2014



-1.00 [-2.49, 0.49]

Suursalmi 2016



-1.90 [-4.95, 1.15]

Kowalski 2016



-0.80 [-1.53, -0.07]

Huckstep 2018



-1.30 [-3.36, 0.76]

Random-Effects Model

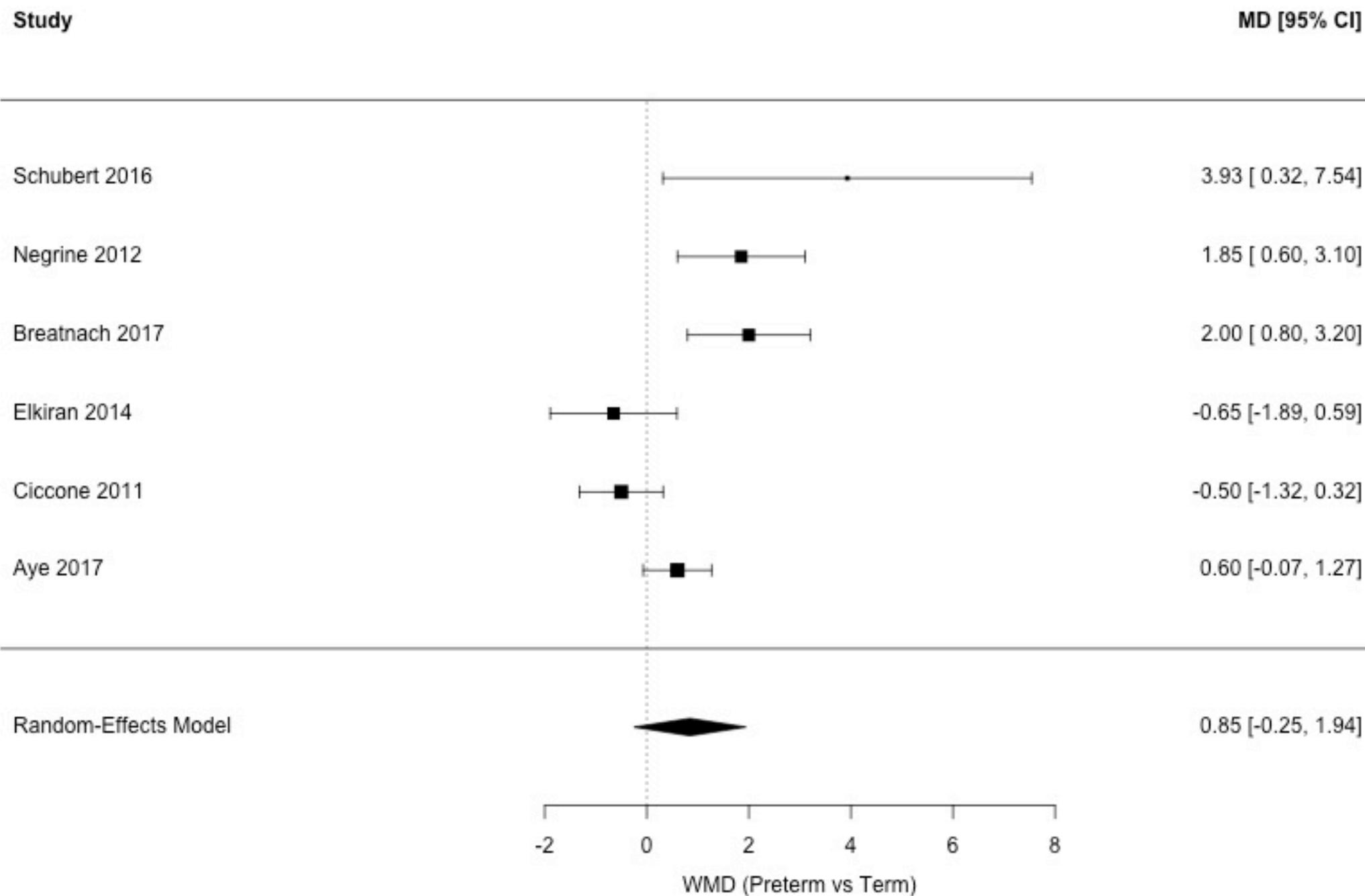


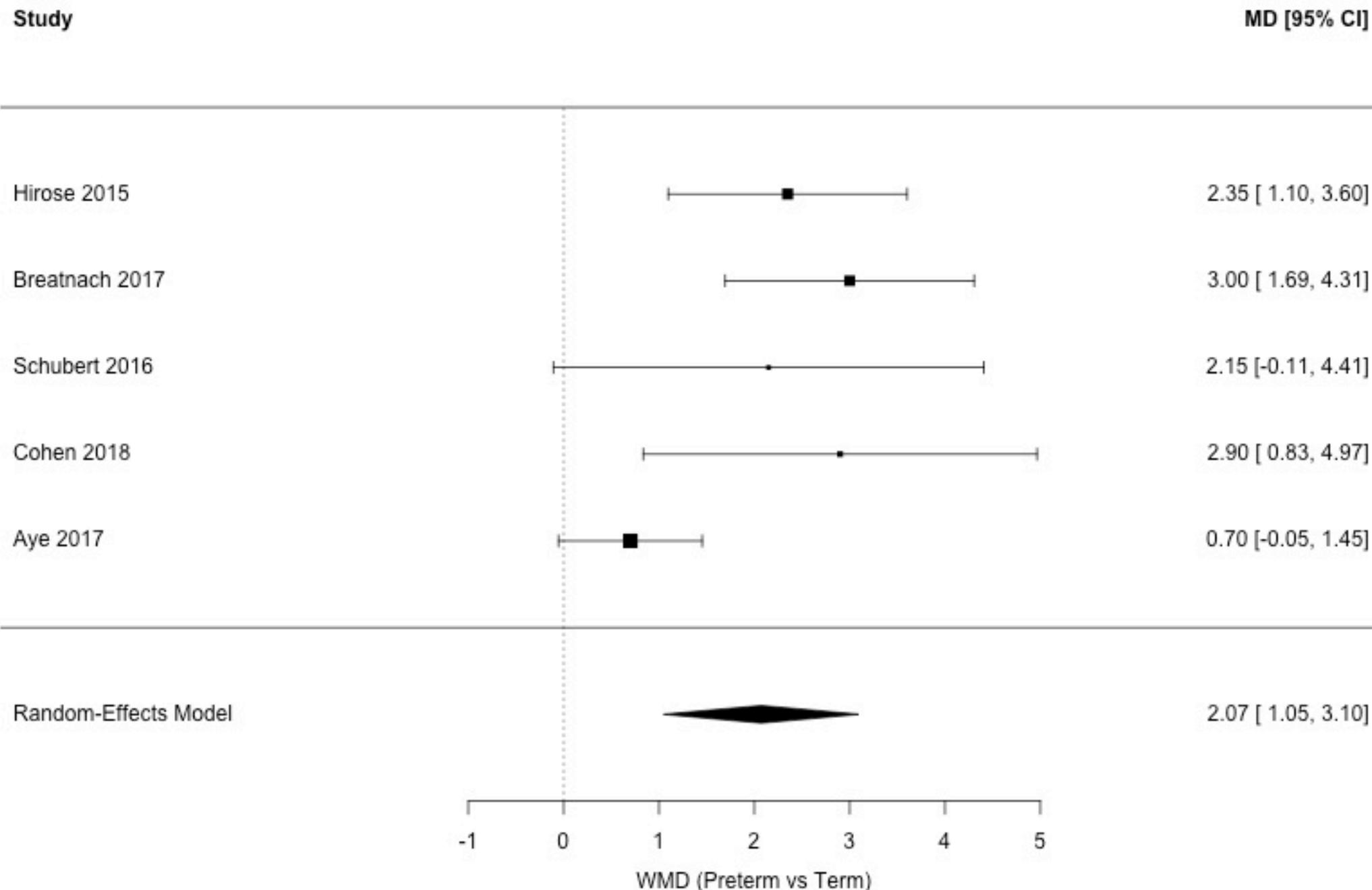
-1.12 [-1.54, -0.70]

-6 -4 -2 0 2

WMD (Preterm vs Term)

ManualData LVEeRatio Neonates TellesMeta



ManualData LVEeRatio Infants TellesMeta

ManualData LVEeRatio Children TellesMeta

Study

MD [95% CI]

Mohikert 2018



0.60 [0.35, 0.85]

Joshi 2014



0.40 [-0.14, 0.94]

Suursalmi 2016

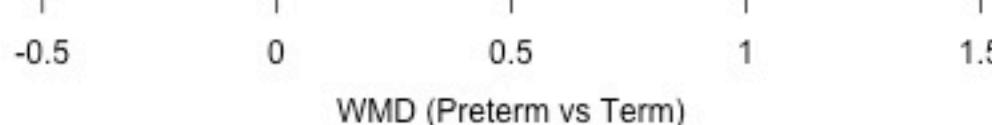


0.60 [-0.16, 1.36]

Random-Effects Model



0.57 [0.35, 0.79]



ManualData LVEeRatio YoungAdults TellesMeta

Study

MD [95% CI]

Kowalski 2016



0.25 [-0.05, 0.56]

Huckstep 2018

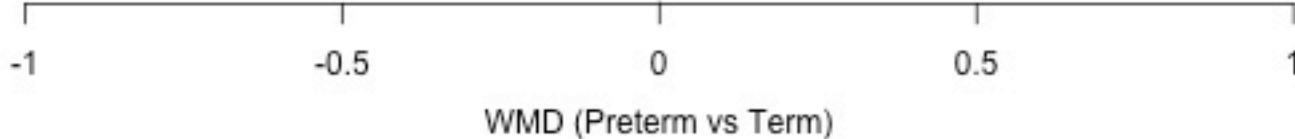


-0.09 [-0.57, 0.39]

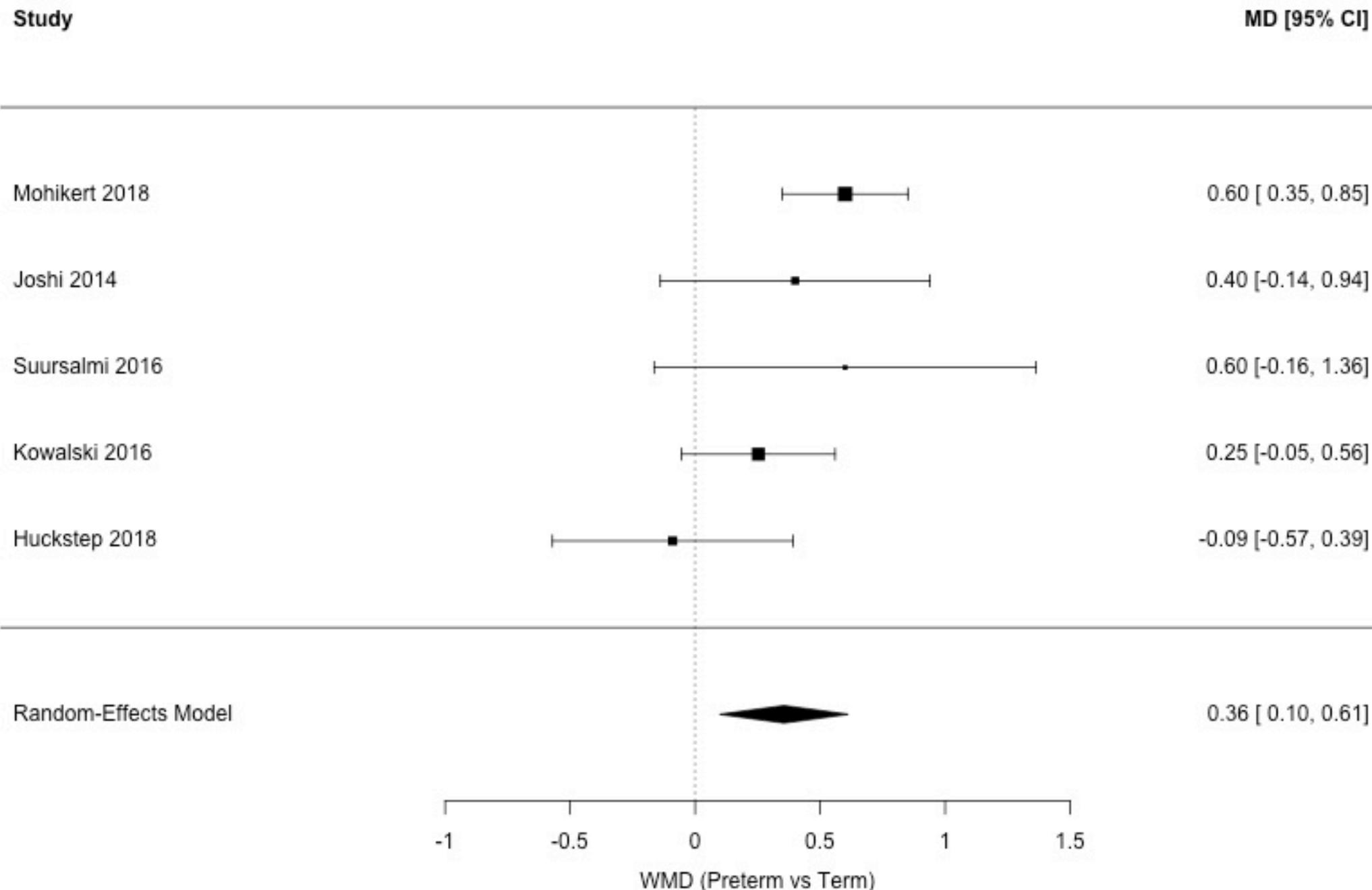
Random-Effects Model



0.13 [-0.19, 0.45]



ManualData LVEeRatio ChildrenAndYoungAdults TellesMeta



ManualData LVEeRatio Neonates Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Schubert 2016



3.93 [0.32, 7.54]

Negrine 2012



1.73 [0.32, 3.14]

Breatnach 2017



2.00 [0.80, 3.20]

Aye 2017



0.90 [-0.63, 2.43]

Random-Effects Model



1.73 [0.96, 2.50]



ManualData LVEeRatio Neonates Stratified GreaterOrEqualThan32Weeks TellesMeta

Study

MD [95% CI]

Negrine 2012



2.01 [0.22, 3.80]

Elkiran 2014



-0.65 [-1.89, 0.59]

Ciccone 2011



-0.50 [-1.32, 0.32]

Aye 2017



0.50 [-0.22, 1.22]

Random-Effects Model



0.19 [-0.77, 1.14]



ManualData LVEeRatio Infants Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Cohen 2018



2.90 [0.83, 4.97]

Hirose 2015



2.35 [1.10, 3.60]

Breatnach 2017



3.00 [1.69, 4.31]

Aye 2017



2.00 [0.07, 3.93]

Schubert 2016

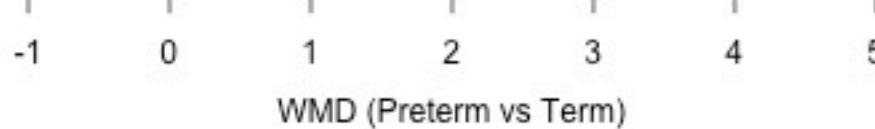


2.15 [-0.11, 4.41]

Random-Effects Model



2.55 [1.82, 3.27]



ManualData LVEeRatio Children Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Mohikert 2018



0.60 [0.35, 0.85]

Joshi 2014



0.40 [-0.14, 0.94]

Suursalmi 2016

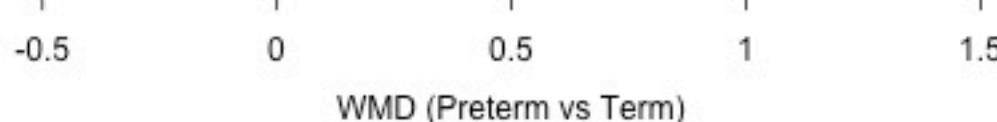


0.60 [-0.16, 1.36]

Random-Effects Model



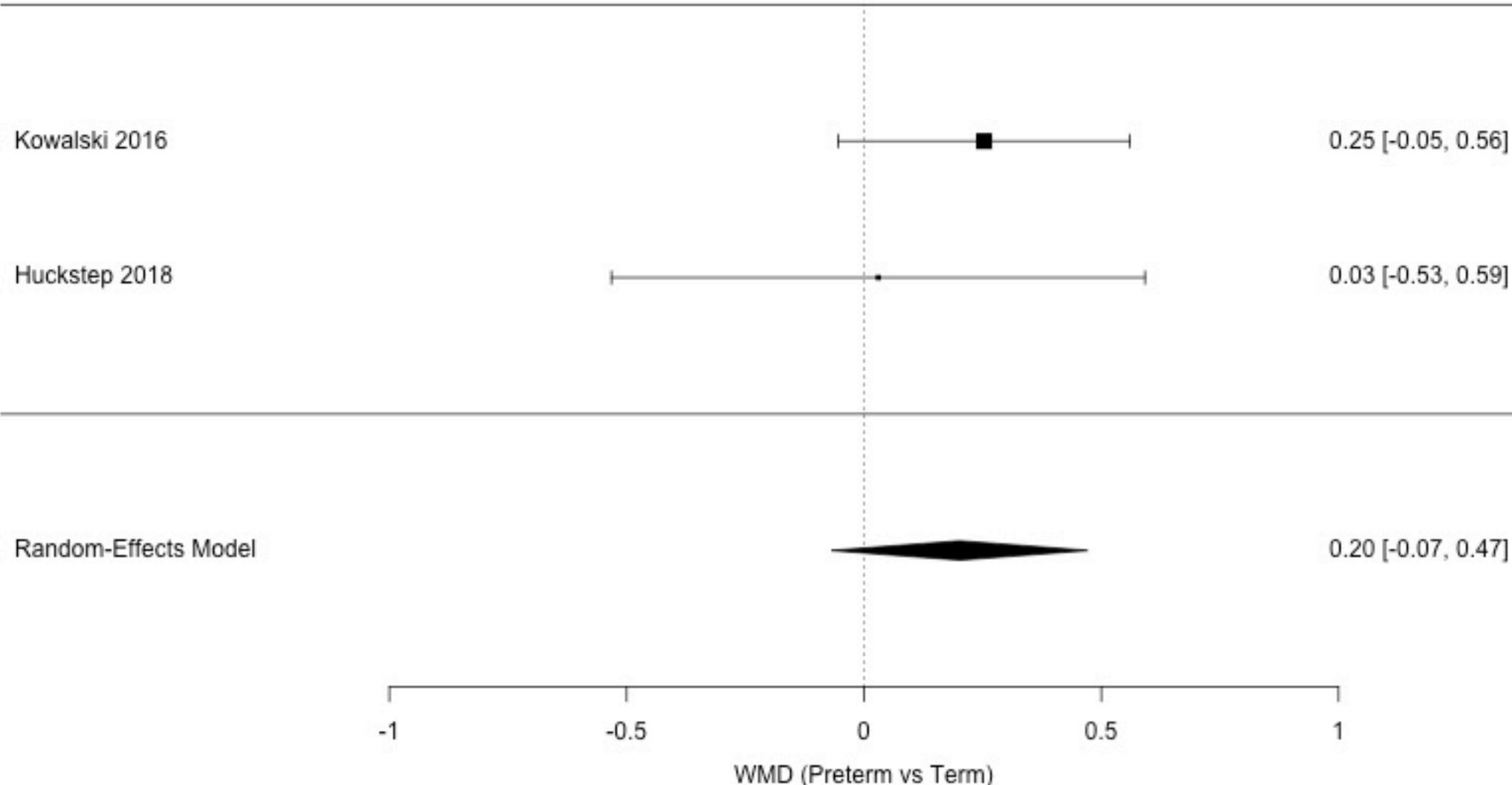
0.57 [0.35, 0.79]



ManualData LVEeRatio YoungAdults Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]



ManualData LV Ee Ratio ChildrenAndYoungAdults Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Mohikert 2018



0.60 [0.35, 0.85]

Joshi 2014



0.40 [-0.14, 0.94]

Suursalmi 2016



0.60 [-0.16, 1.36]

Kowalski 2016



0.25 [-0.05, 0.56]

Huckstep 2018

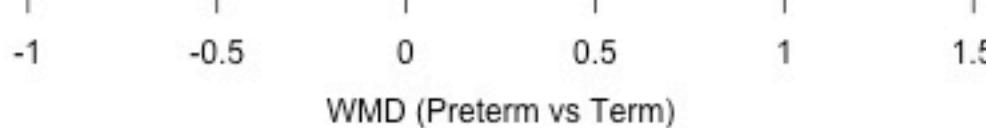


0.03 [-0.53, 0.59]

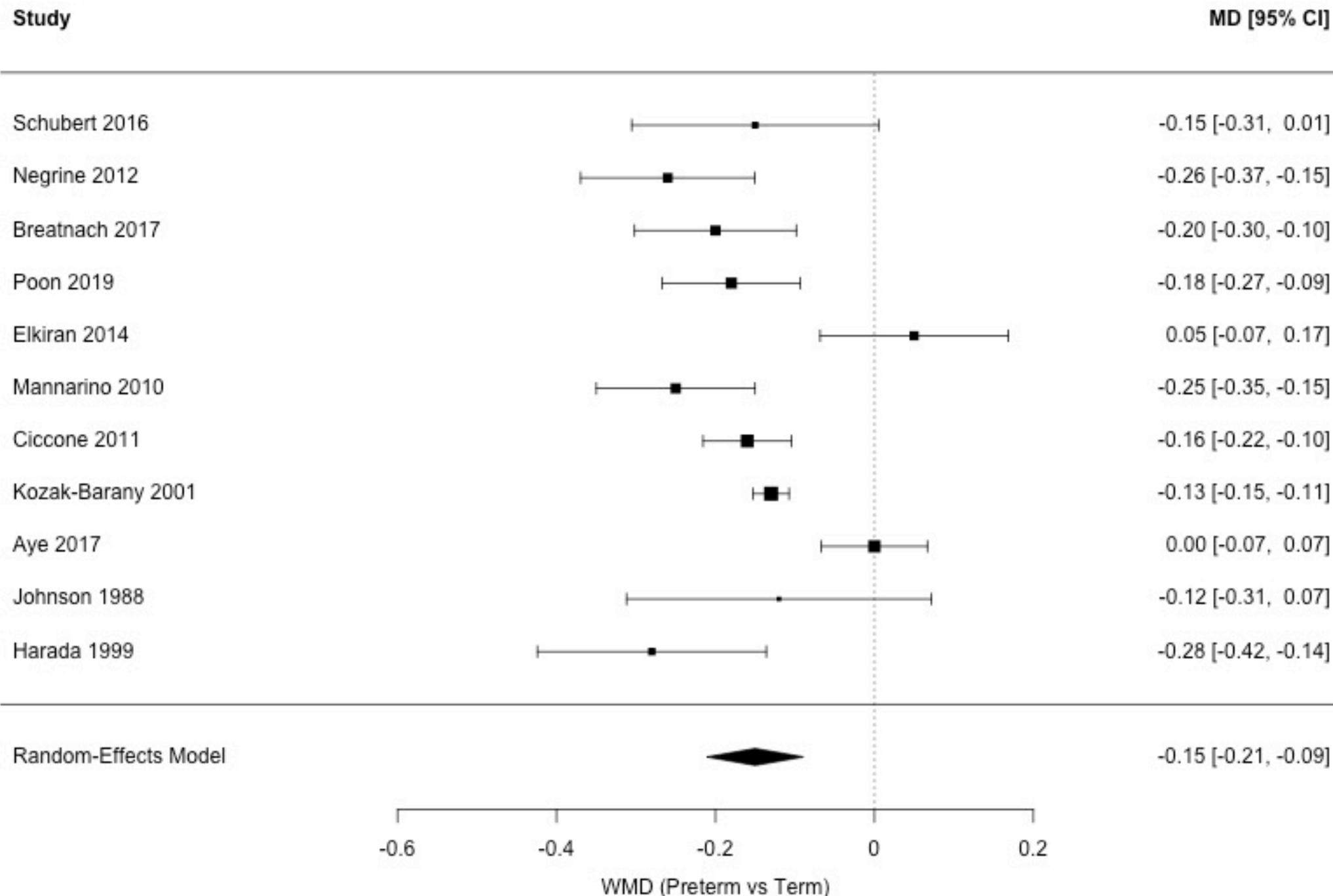
Random-Effects Model



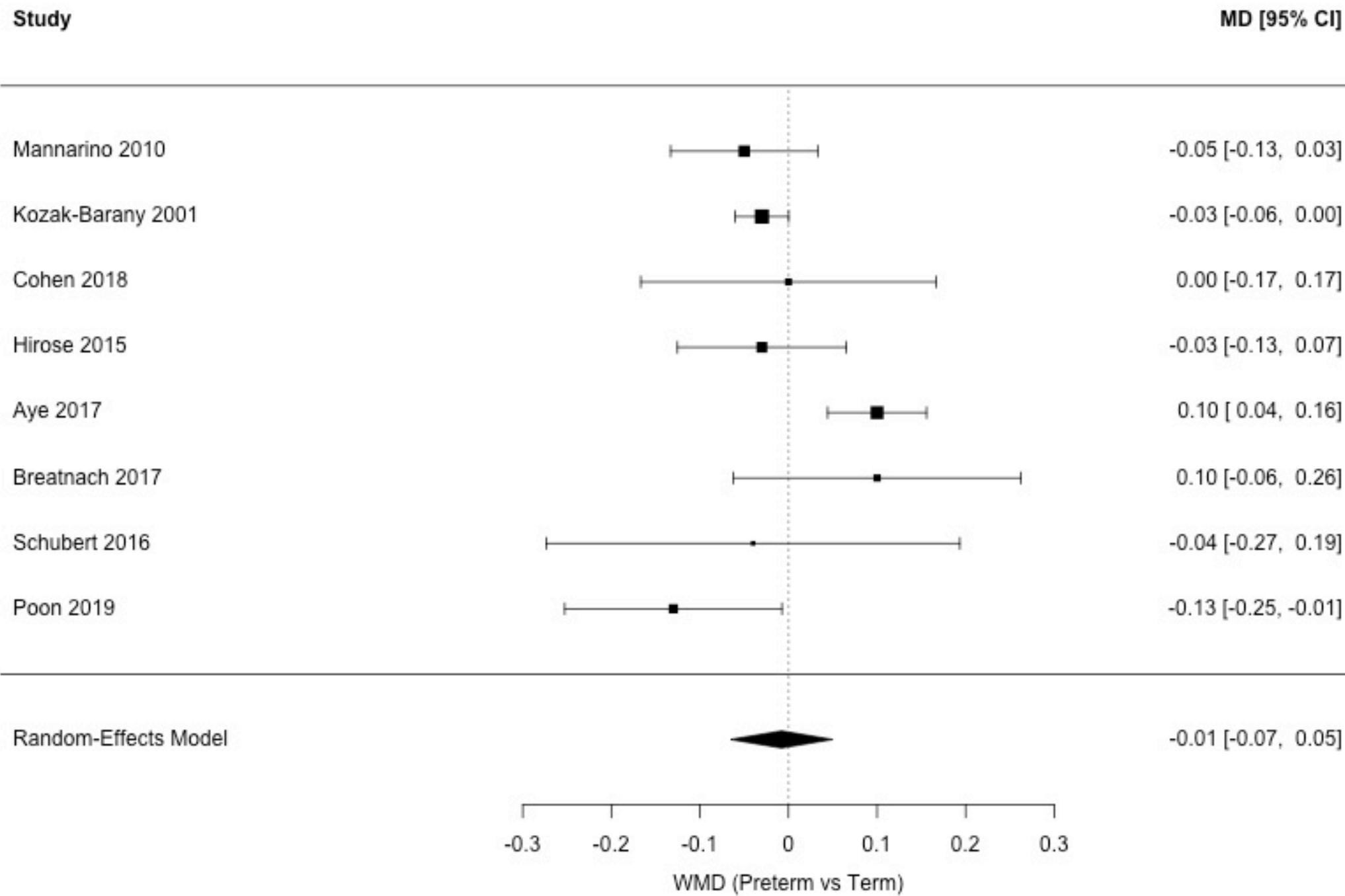
0.40 [0.17, 0.62]



ManualData LVEARatio Neonates TellesMeta



ManualData LVEARatio Infants TellesMeta

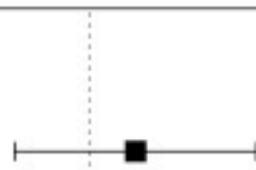


ManualData LVEARatio Children TellesMeta

Study

MD [95% CI]

Kwinta 2013



0.05 [-0.08, 0.18]

Morsing 2014



-0.08 [-0.28, 0.12]

Joshi 2014



0.05 [-0.15, 0.25]

Suursalmi 2016



0.20 [-0.10, 0.50]

Random-Effects Model



0.04 [-0.05, 0.13]



ManualData LVEARatio YoungAdults TellesMeta

Study

MD [95% CI]

Kowalski 2016



-0.08 [-0.26, 0.10]

Bassareo 2016



-0.04 [-0.29, 0.21]

Huckstep 2018

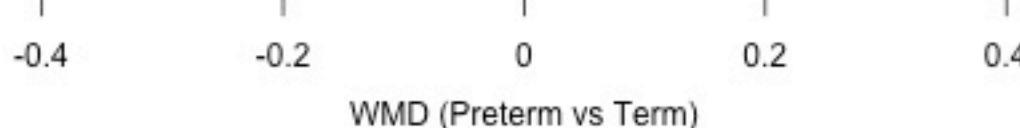


-0.23 [-0.39, -0.07]

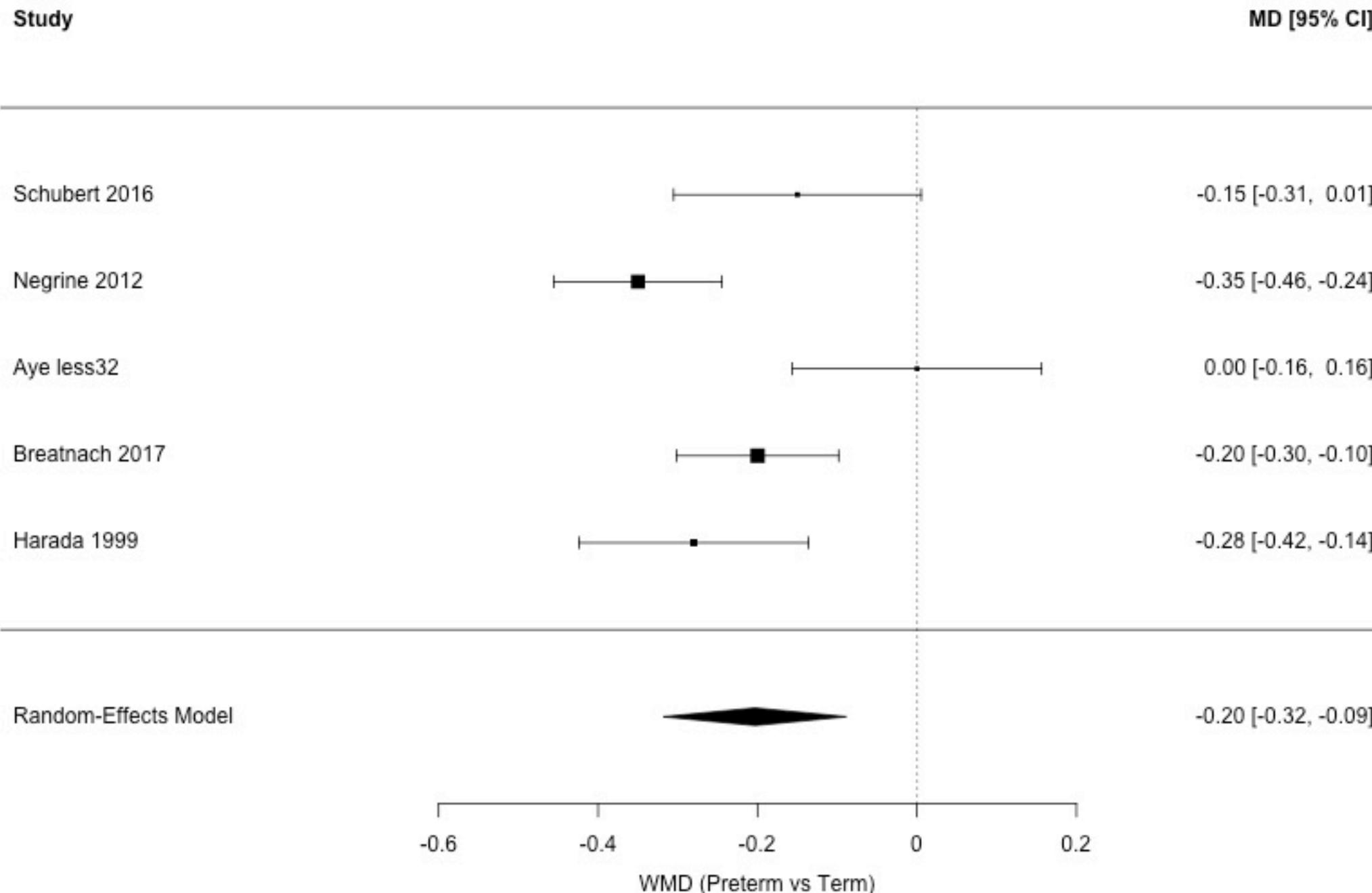
Random-Effects Model



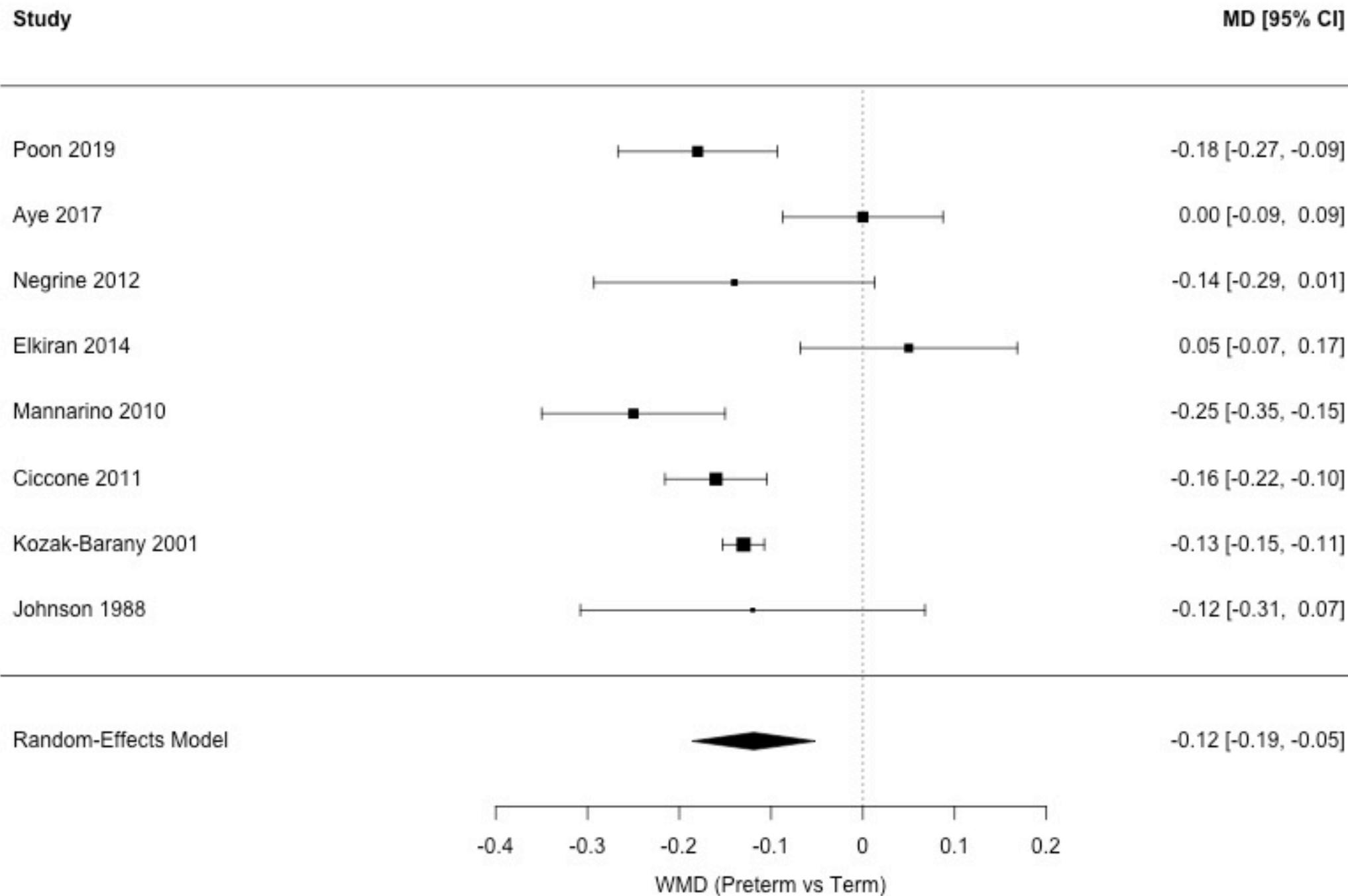
-0.14 [-0.26, -0.02]



ManualData LVEARatio Neonates Stratified LessThan32Weeks TellesMeta



ManualData LVEARatio Neonates Stratified GreaterOrEqualThan32Weeks TellesMeta



ManualData LVEARatio Infants Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Hirose 2015



-0.03 [-0.13, 0.07]

Breatnach 2017



0.10 [-0.06, 0.26]

Aye less32



0.00 [-0.11, 0.11]

Schubert 2016



-0.04 [-0.27, 0.19]

Cohen 2018

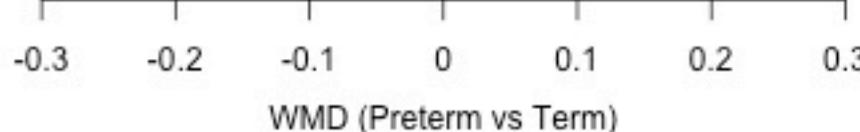


0.00 [-0.17, 0.17]

Random-Effects Model



-0.00 [-0.06, 0.06]



ManualData LVEARatio Infants Stratified GreaterOrEqualThan32Weeks TellesMeta

Study

MD [95% CI]

Mannarino 2010



-0.05 [-0.13, 0.03]

Kozak-Barany 2001



-0.03 [-0.06, 0.00]

Aye 2017



0.10 [0.04, 0.16]

Poon 2019



-0.13 [-0.25, -0.01]

Cohen 2018

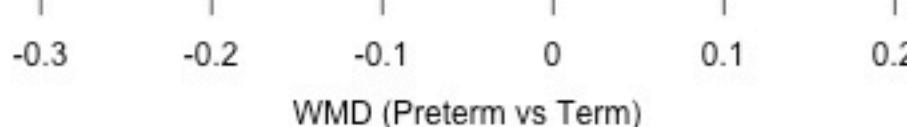


0.00 [-0.17, 0.17]

Random-Effects Model



-0.02 [-0.09, 0.06]

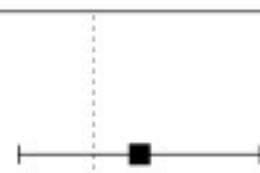


ManualData LVEARatio Children LessThan32Weeks TellesMeta

Study

MD [95% CI]

Kwinta 2013



0.05 [-0.08, 0.18]

Morsing 2014



-0.08 [-0.28, 0.12]

Joshi 2014



0.05 [-0.15, 0.25]

Suursalmi 2016



0.20 [-0.10, 0.50]

Random-Effects Model



0.04 [-0.05, 0.13]



ManualData LVEARatio YoungAdults Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Kowalski 2016



-0.08 [-0.26, 0.10]

Bassareo 2016



-0.04 [-0.29, 0.21]

Huckstep 2018

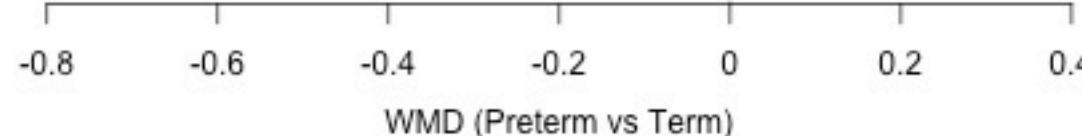


-0.41 [-0.63, -0.19]

Random-Effects Model



-0.18 [-0.40, 0.05]



ManualData LVEARatio ChildrenAndYoungAdults LessThan32Weeks TellesMeta

Study

MD [95% CI]

Kwinta 2013



0.05 [-0.08, 0.18]

Morsing 2014



-0.08 [-0.28, 0.12]

Joshi 2014



0.05 [-0.15, 0.25]

Suursalmi 2016



0.20 [-0.10, 0.50]

Kowalski 2016



-0.08 [-0.26, 0.10]

Bassareo 2016



-0.04 [-0.29, 0.21]

Huckstep 2018



-0.41 [-0.63, -0.19]

Random-Effects Model



-0.05 [-0.18, 0.08]



WMD (Preterm vs Term)

ManualData LVEDVI YoungAdults Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Kowalski 2016



-6.00 [-9.22, -2.78]

Huckstep 2018



-12.90 [-19.61, -6.19]

Lewandowski 2013

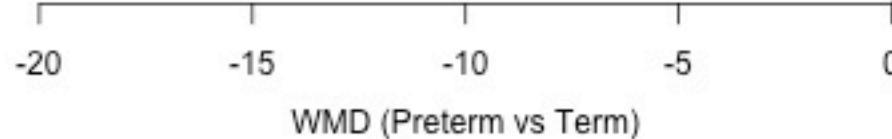


-8.00 [-10.90, -5.10]

Random-Effects Model



-7.77 [-10.19, -5.35]



ManualData LVMI Neonates TellesMeta

Study

MD [95% CI]

Kozak-Barany 2001



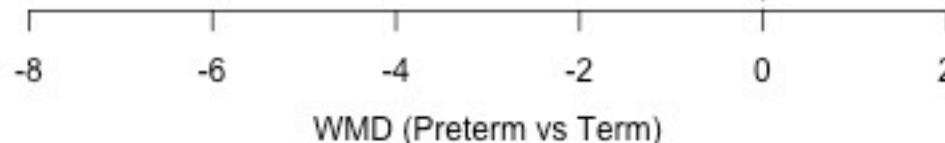
Cox 2018



Aye 2017



Random-Effects Model



ManualData LVMI Infants TellesMeta

Study

MD [95% CI]

Kozak-Barany 2001



1.80 [-3.64, 7.24]

Cox 2018



6.23 [4.08, 8.38]

Aye 2017



3.20 [1.65, 4.75]

Schubert 2016

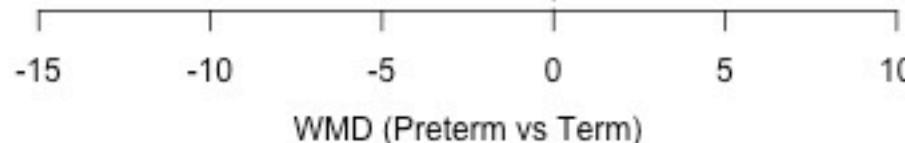


-4.30 [-12.52, 3.92]

Random-Effects Model



3.18 [0.06, 6.30]



ManualData LVMI Children TellesMeta

Study

MD [95% CI]

Mohikert 2018



-6.30 [-8.76, -3.84]

Kwinta 2013



-3.25 [-6.53, 0.03]

Suursalmi 2016

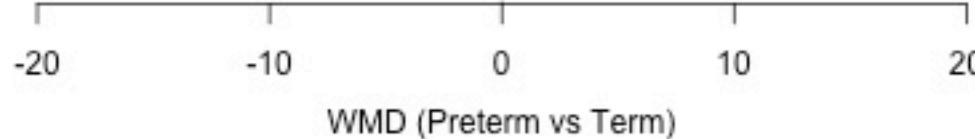


1.20 [-14.24, 16.64]

Random-Effects Model



-4.77 [-7.67, -1.86]



ManualData LVMI YoungAdults TellesMeta

Study

MD [95% CI]

Kowalski 2016



Bassareo 2016



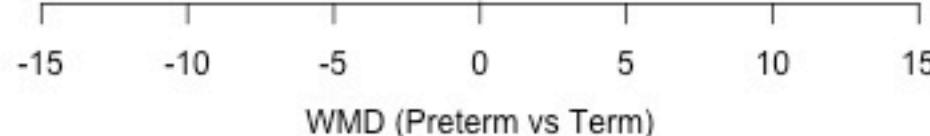
Huckstep 2018



Lewandowski 2013



Random-Effects Model



ManualData LVMI Neonates Stratified LessThan32Weeks TellesMeta

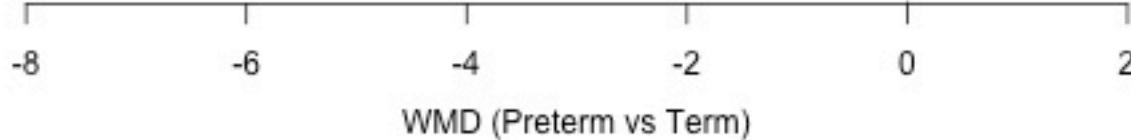
Study

MD [95% CI]

Cox 2018 -1.81 [-3.76, 0.14]

Aye 2017 -3.90 [-6.37, -1.43]

Random-Effects Model -2.71 [-4.74, -0.68]



ManualData LVMI Neonates Stratified GreaterOrEqualThan32Weeks TellesMeta

Study

MD [95% CI]

Kozak-Barany 2001



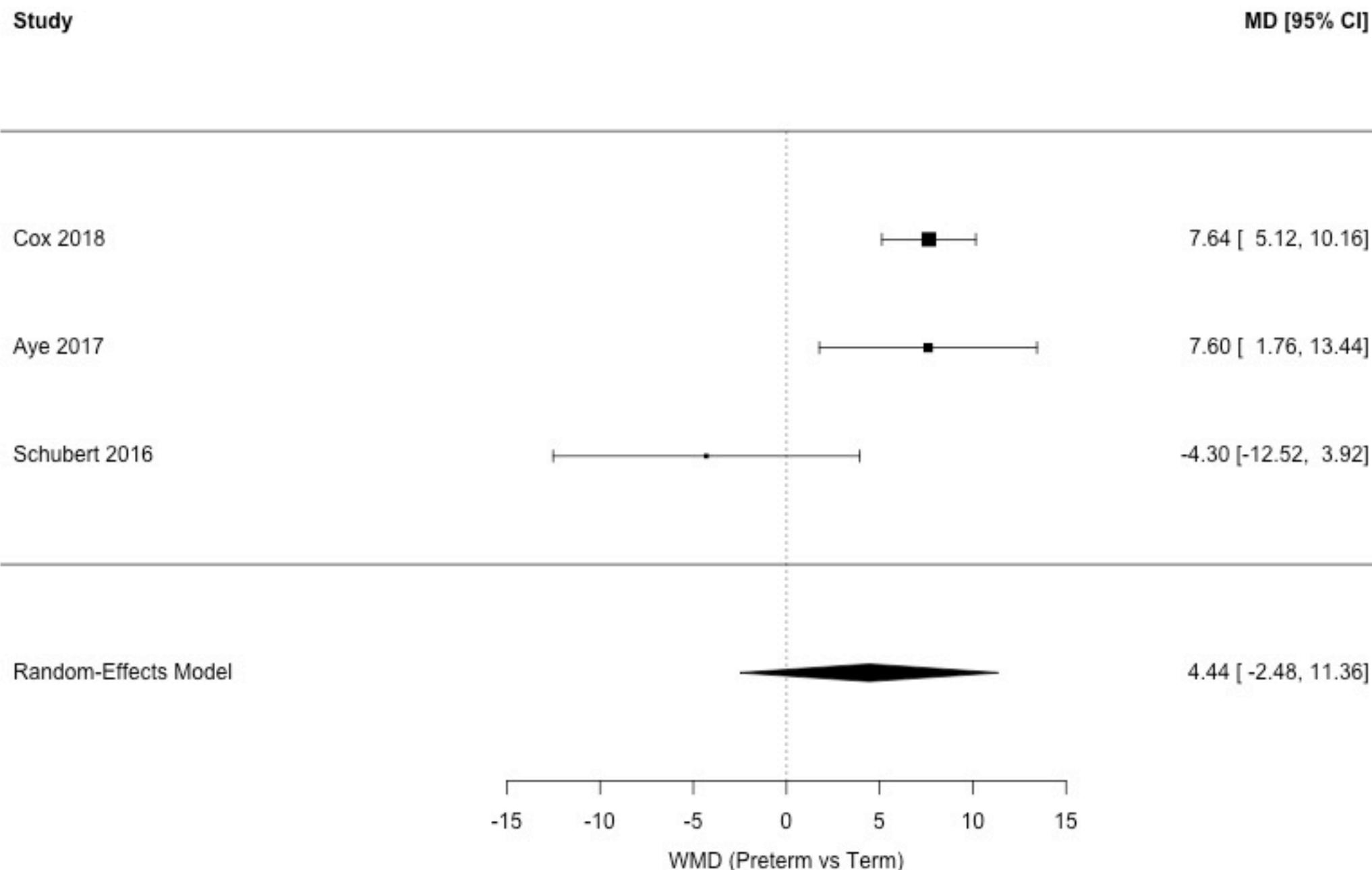
Aye 2017



Random-Effects Model



ManualData LVMI Infants Stratified LessThan32Weeks TellesMeta



ManualData LVMI Infants Stratified GreaterThan32Weeks TellesMeta

Study

MD [95% CI]

Kozak-Barany 2001



1.80 [-3.64, 7.24]

Cox 2018



4.49 [2.34, 6.64]

Aye 2017

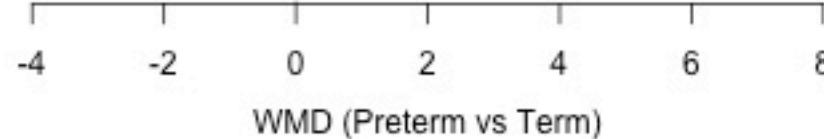


2.40 [1.05, 3.75]

Random-Effects Model



3.10 [1.41, 4.78]



ManualData LVMI Children Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Mohikert 2018



-6.30 [-8.76, -3.84]

Kwinta 2013



-3.25 [-6.53, 0.03]

Suursalmi 2016

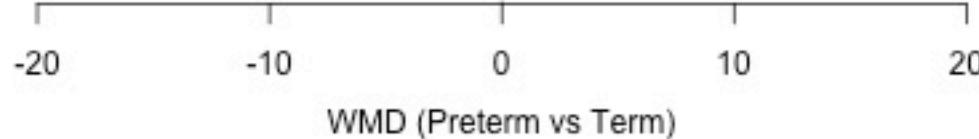


1.20 [-14.24, 16.64]

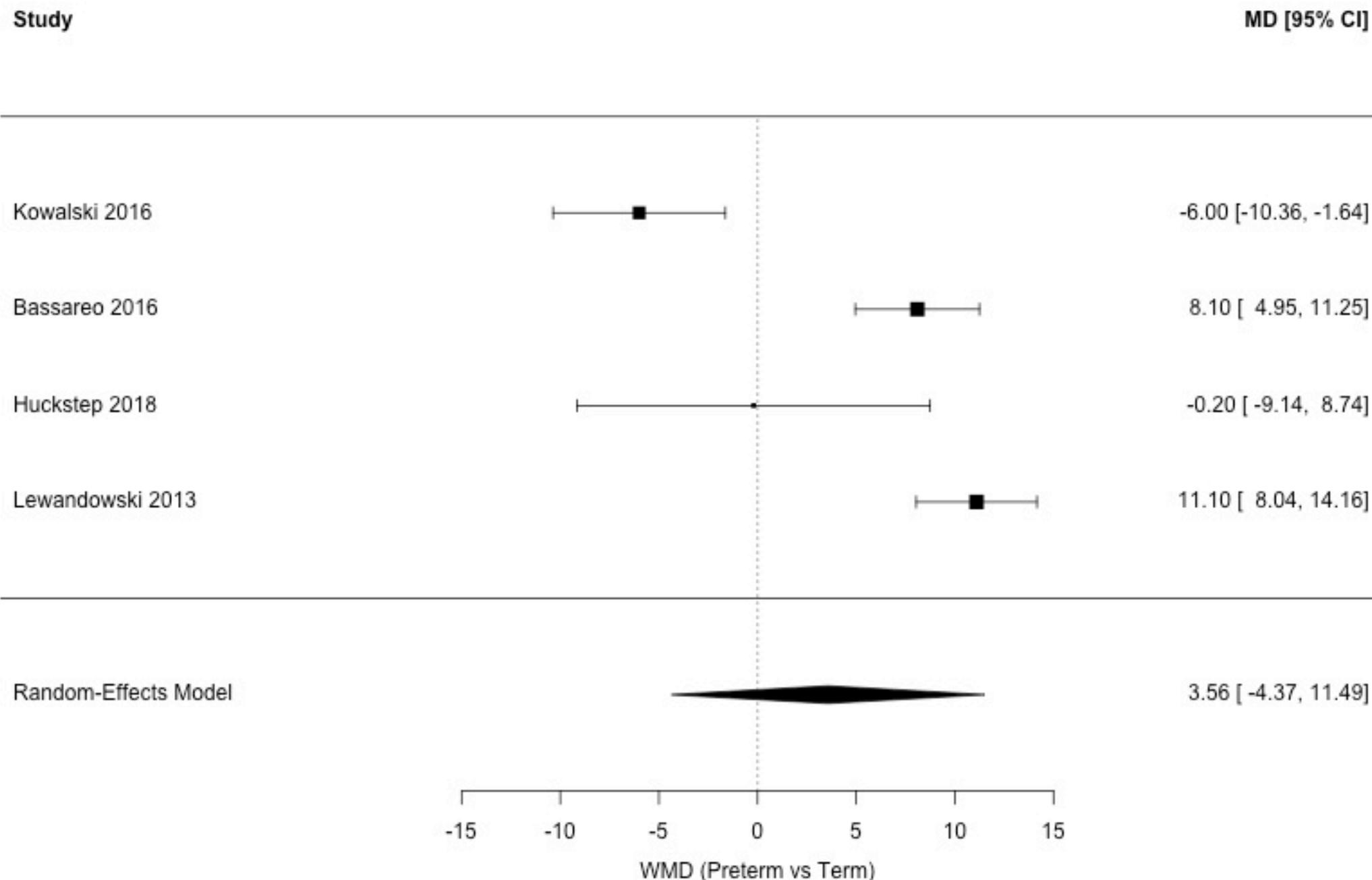
Random-Effects Model



-4.77 [-7.67, -1.86]



ManualData LVMI YoungAdults Stratified LessThan32Weeks TellesMeta



ManualData LVPWd Neonates TellesMeta

Study

MD [95% CI]

Breatnach 2017



0.20 [-0.14, 0.54]

Mannarino 2010



0.00 [-0.34, 0.34]

Ciccone 2011



0.20 [-0.86, 1.26]

Aye 2017



-0.10 [-0.28, 0.08]

Random-Effects Model



-0.01 [-0.18, 0.16]



ManualData LVPWd Infants TellesMeta

Study

MD [95% CI]

Mannarino 2010



0.20 [-0.16, 0.56]

Breatnach 2017



0.50 [0.18, 0.82]

Cohen 2018



0.10 [-0.27, 0.47]

Aye 2017

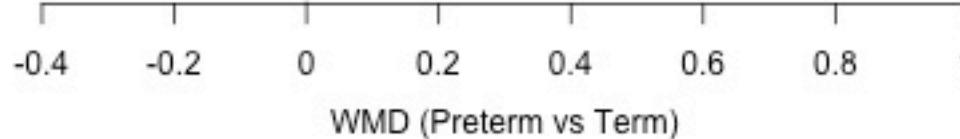


0.30 [0.12, 0.48]

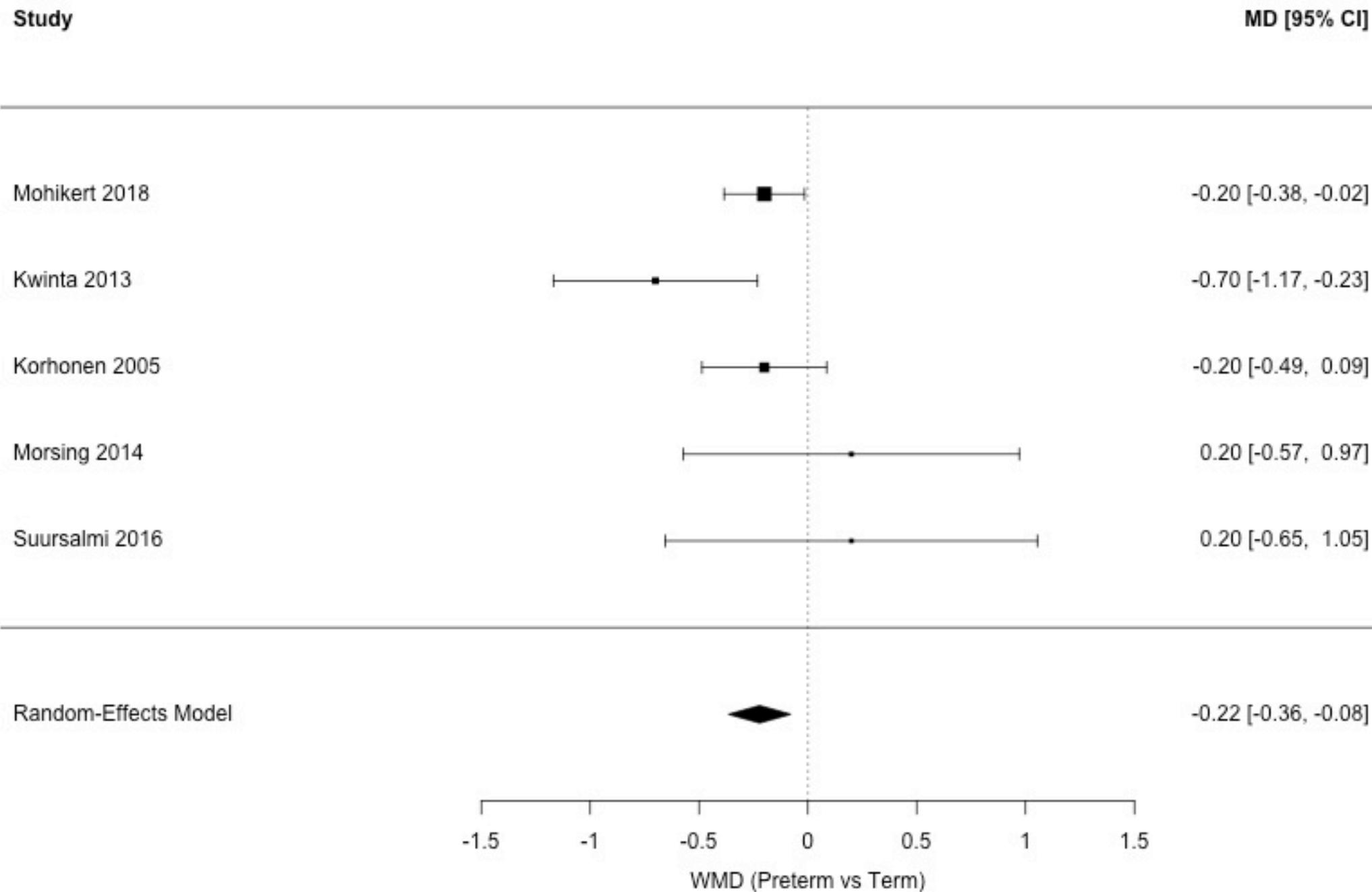
Random-Effects Model



0.30 [0.16, 0.43]



ManualData LVPWd Children TellesMeta

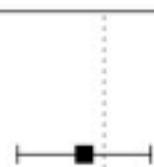


ManualData LVPWd YoungAdults TellesMeta

Study

MD [95% CI]

Kowalski 2016



-0.10 [-0.44, 0.24]

Bassareo 2016



0.70 [0.47, 0.93]

Huckstep 2018



-0.30 [-0.89, 0.29]

Lewandowski 2013

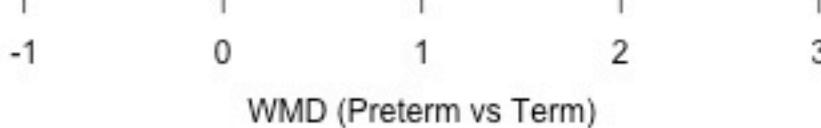


2.27 [1.82, 2.72]

Random-Effects Model



0.65 [-0.49, 1.78]



ManualData LVPWd Neonates Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Breatnach 2017



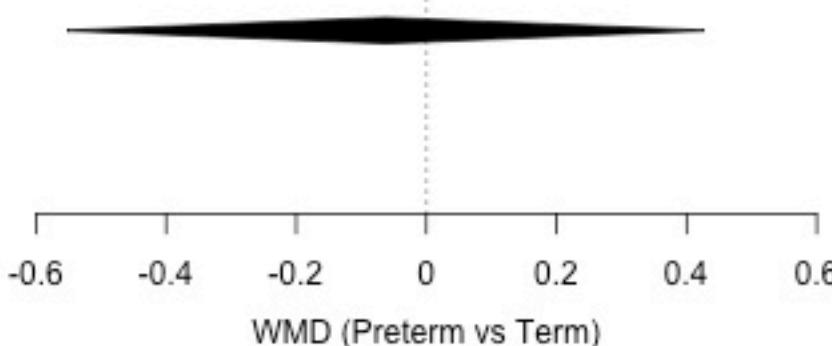
0.20 [-0.14, 0.54]

Aye 2017



-0.30 [-0.56, -0.04]

Random-Effects Model



-0.06 [-0.55, 0.43]

-0.6 -0.4 -0.2 0 0.2 0.4 0.6
WMD (Preterm vs Term)

ManualData LVPWd Neonates Stratified GreaterOrEqualThan32Weeks TellesMeta

Study

MD [95% CI]

Mannarino 2010



0.00 [-0.34, 0.34]

Ciccone 2011



0.20 [-0.86, 1.26]

Aye 2017

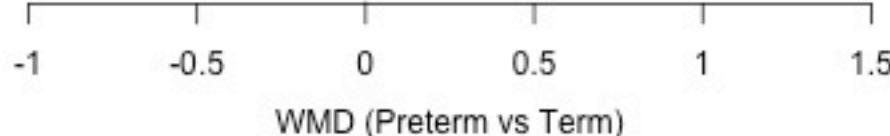


-0.10 [-0.28, 0.08]

Random-Effects Model



-0.07 [-0.23, 0.08]



ManualData LVPWd Infants Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Bretnach 2017



0.50 [0.18, 0.82]

Cohen 2018



0.10 [-0.27, 0.47]

Aye 2017

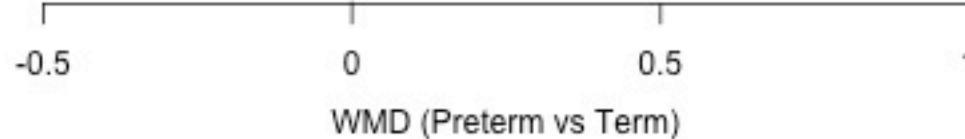


0.60 [0.31, 0.89]

Random-Effects Model



0.42 [0.13, 0.70]



ManualData LVPWd Infants Stratified GreaterOrEqualThan32Weeks TellesMeta

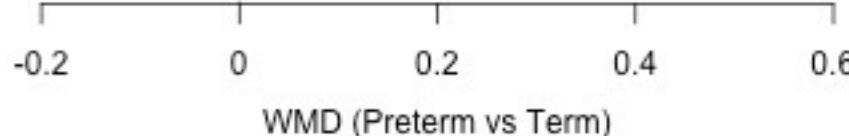
Study

MD [95% CI]

Aye 2017 0.20 [0.01, 0.39]

Mannarino 2010 0.20 [-0.16, 0.56]

Random-Effects Model 0.20 [0.04, 0.36]



ManualData LVPWd Children Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Mohikert 2018



-0.20 [-0.38, -0.02]

Kwinta 2013



-0.70 [-1.17, -0.23]

Korhonen 2005



-0.20 [-0.49, 0.09]

Morsing 2014



0.20 [-0.57, 0.97]

Suursalmi 2016

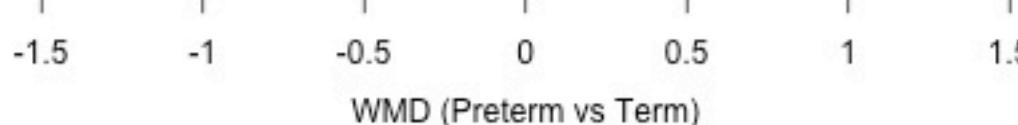


0.20 [-0.65, 1.05]

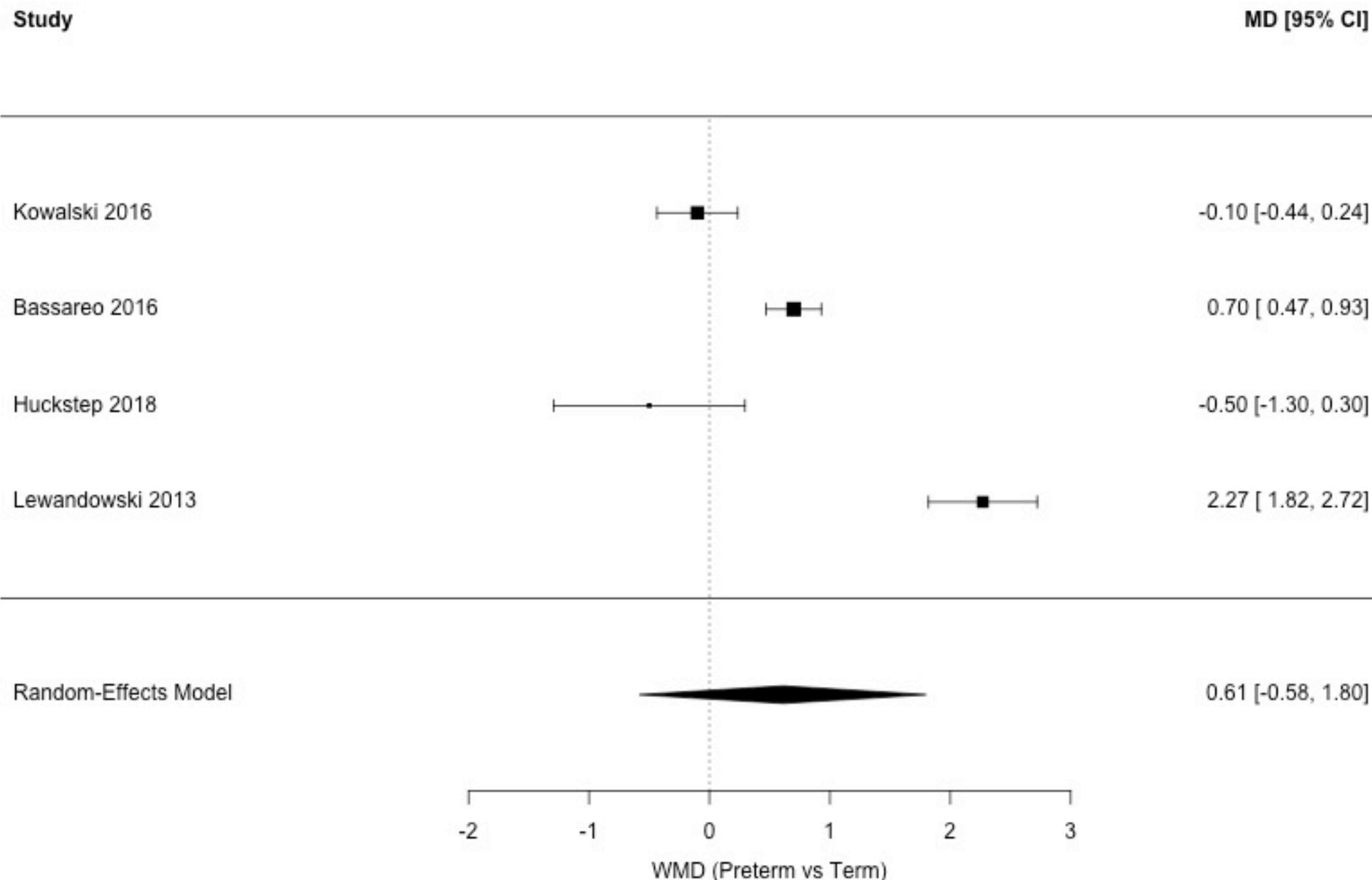
Random-Effects Model



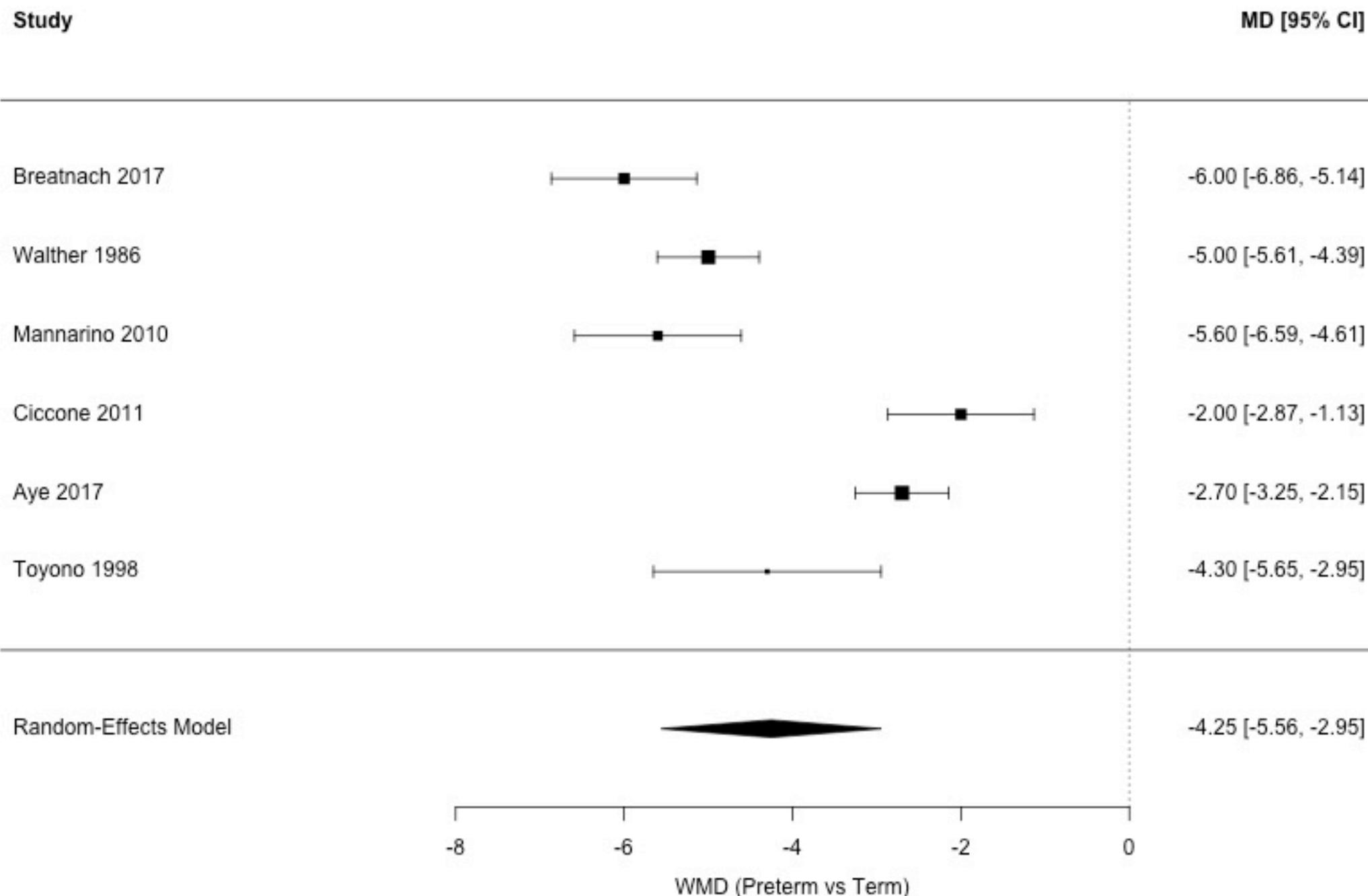
-0.22 [-0.36, -0.08]



ManualData LVPWd YoungAdults Stratified LessThan32Weeks TellesMeta



ManualData LVEDD Neonates TellesMeta



ManualData LVEDD Infants TellesMeta

Study

MD [95% CI]

Mannarino 2010



-5.60 [-7.29, -3.91]

Cohen 2018



0.00 [-0.67, 0.67]

Breatnach 2017



-2.00 [-2.98, -1.02]

Aye 2017

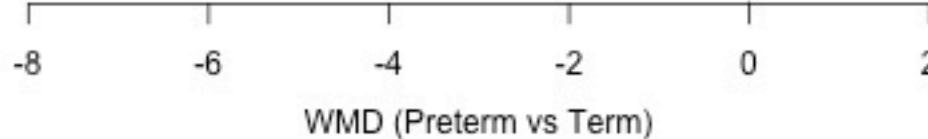


-2.00 [-2.65, -1.35]

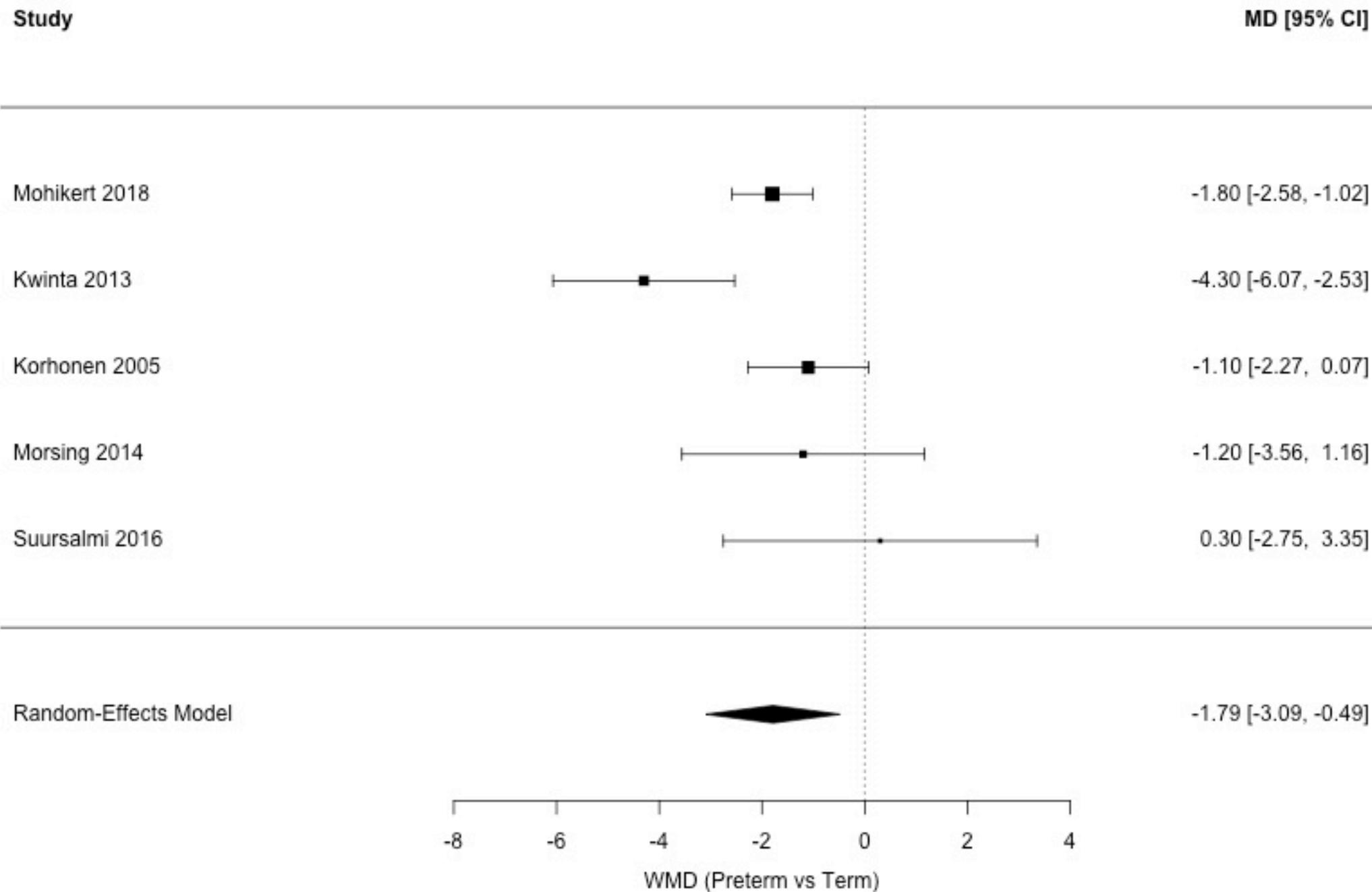
Random-Effects Model



-2.31 [-4.50, -0.11]



ManualData LVEDD Children TellesMeta



ManualData LVEDD YoungAdults TellesMeta

Study

MD [95% CI]

Kowalski 2016



-1.80 [-3.03, -0.57]

Bassareo 2011



0.70 [-2.42, 3.82]

Huckstep 2018



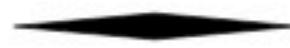
-3.20 [-5.00, -1.40]

Lewandowski 2013

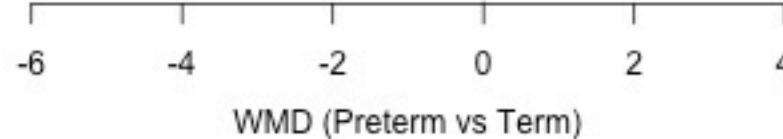


-4.40 [-5.70, -3.10]

Random-Effects Model



-2.47 [-4.33, -0.60]



ManualData LVEDD Neonates Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Breatnach 2017



-6.00 [-6.86, -5.14]

Walther 1986



-5.70 [-6.33, -5.07]

Aye 2017



-4.70 [-5.62, -3.78]

Toyono 1998

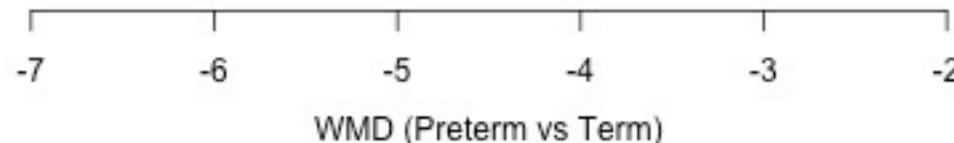


-4.30 [-5.65, -2.95]

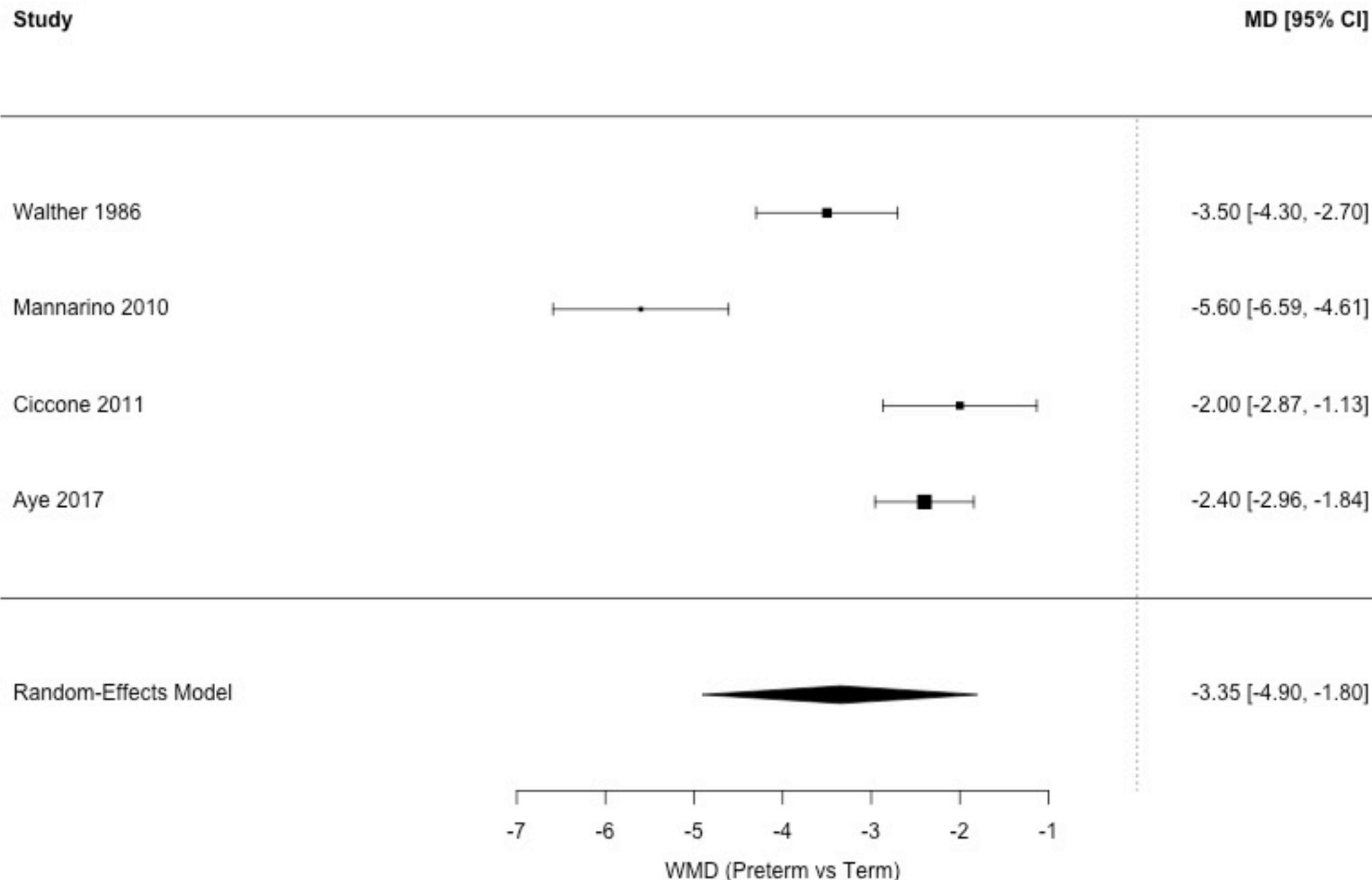
Random-Effects Model



-5.29 [-6.02, -4.56]



ManualData LVEDD Neonates Stratified GreaterOrEqualThan32Weeks TellesMeta



ManualData LVEDD Infants Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Mannarino 2010



-5.60 [-7.29, -3.91]

Cohen 2018



0.00 [-0.67, 0.67]

Breatnach 2017



-2.00 [-2.98, -1.02]

Aye 2017

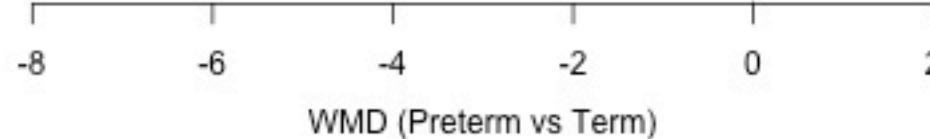


-3.80 [-5.47, -2.13]

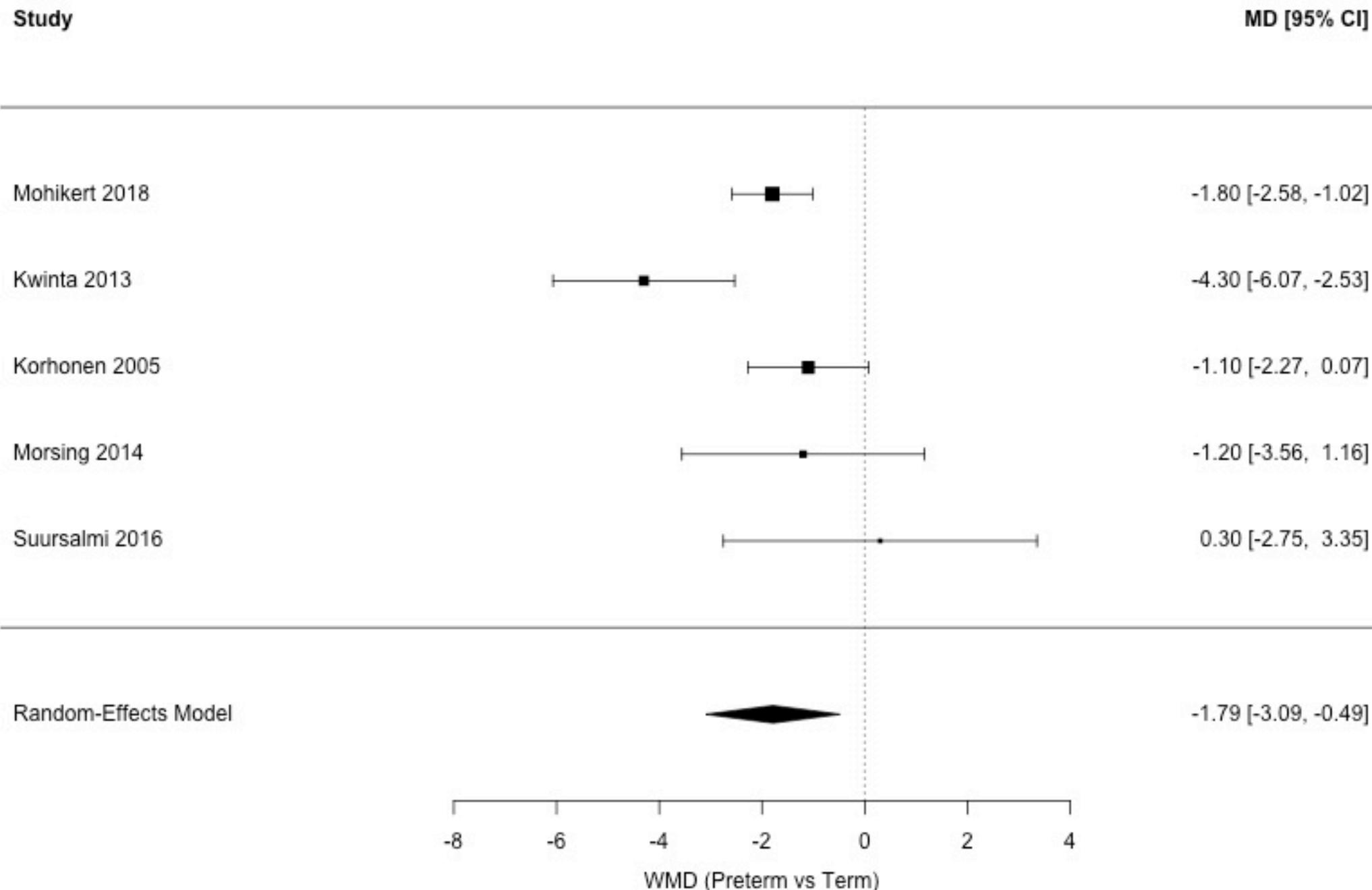
Random-Effects Model



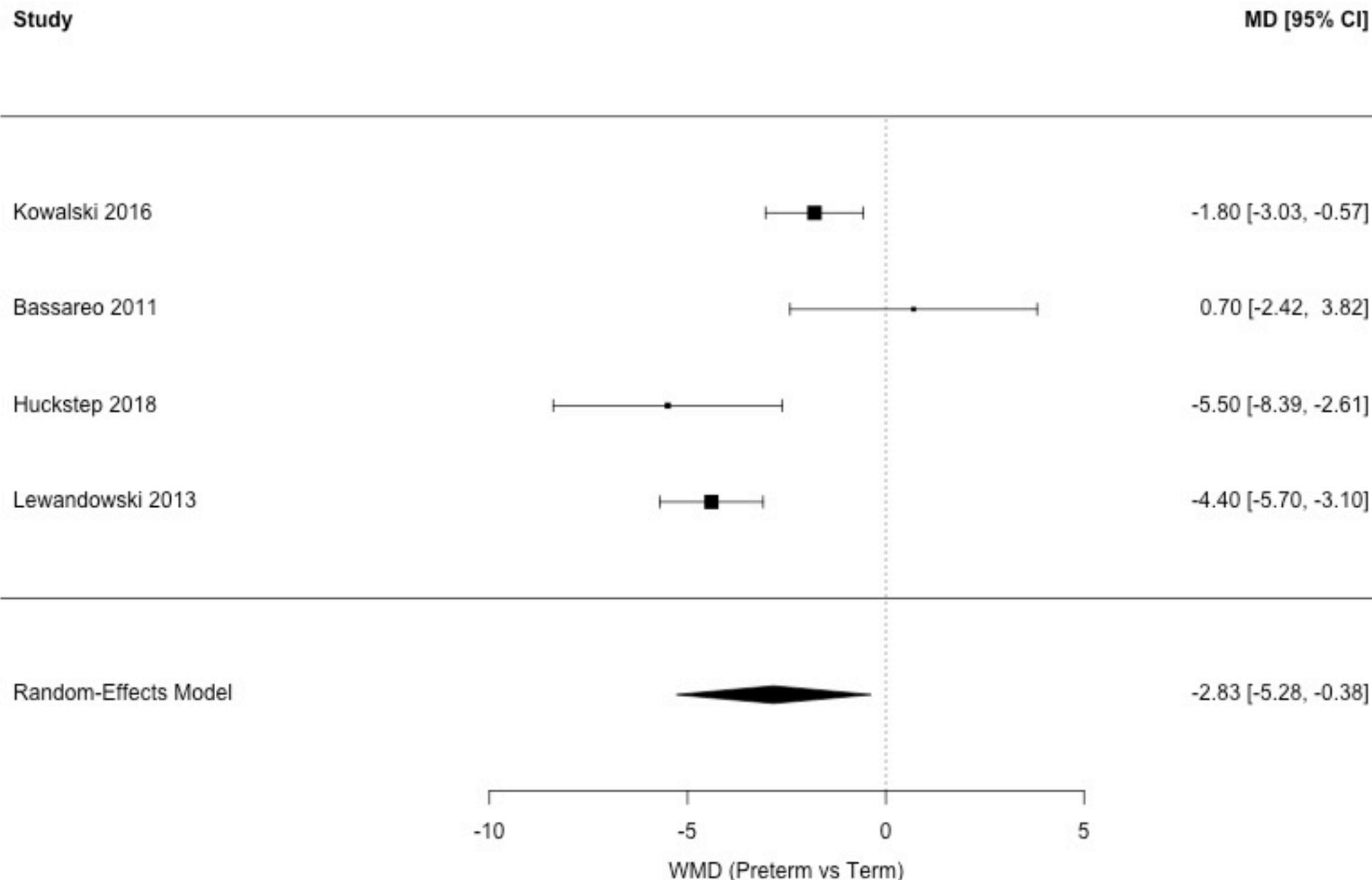
-2.75 [-5.12, -0.39]



ManualData LVEDD Children Stratified LessThan32Weeks TellesMeta



ManualData LVEDD YoungAdults Stratified LessThan32Weeks TellesMeta



ManualData LVLength YoungAdults TellesMeta

Study

MD [95% CI]

Huckstep 2018



-0.40 [-0.75, -0.05]

Lewandowski 2013

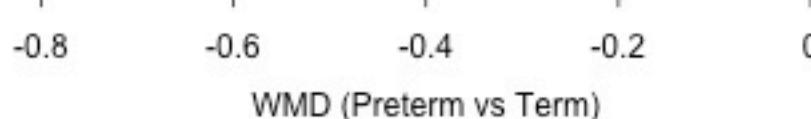


-0.61 [-0.80, -0.42]

Random-Effects Model



-0.56 [-0.74, -0.38]



ManualData LVLength YoungAdults Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Huckstep 2018



-1.00 [-1.34, -0.66]

Lewandowski 2013

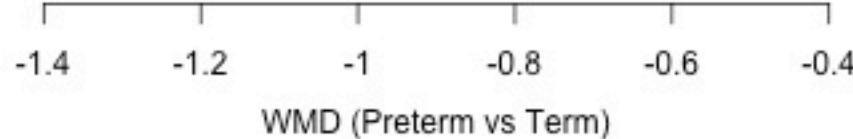


-0.61 [-0.80, -0.42]

Random-Effects Model



-0.78 [-1.16, -0.40]



ManualData RVStrain Neonates TellesMeta

Study

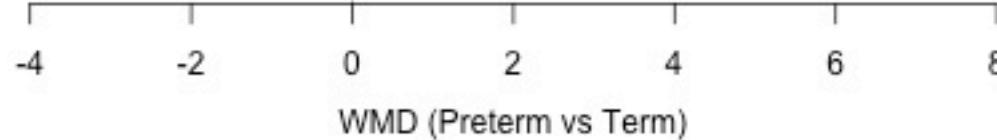
MD [95% CI]

Aye 2017 0.85 [-2.06, 3.76]

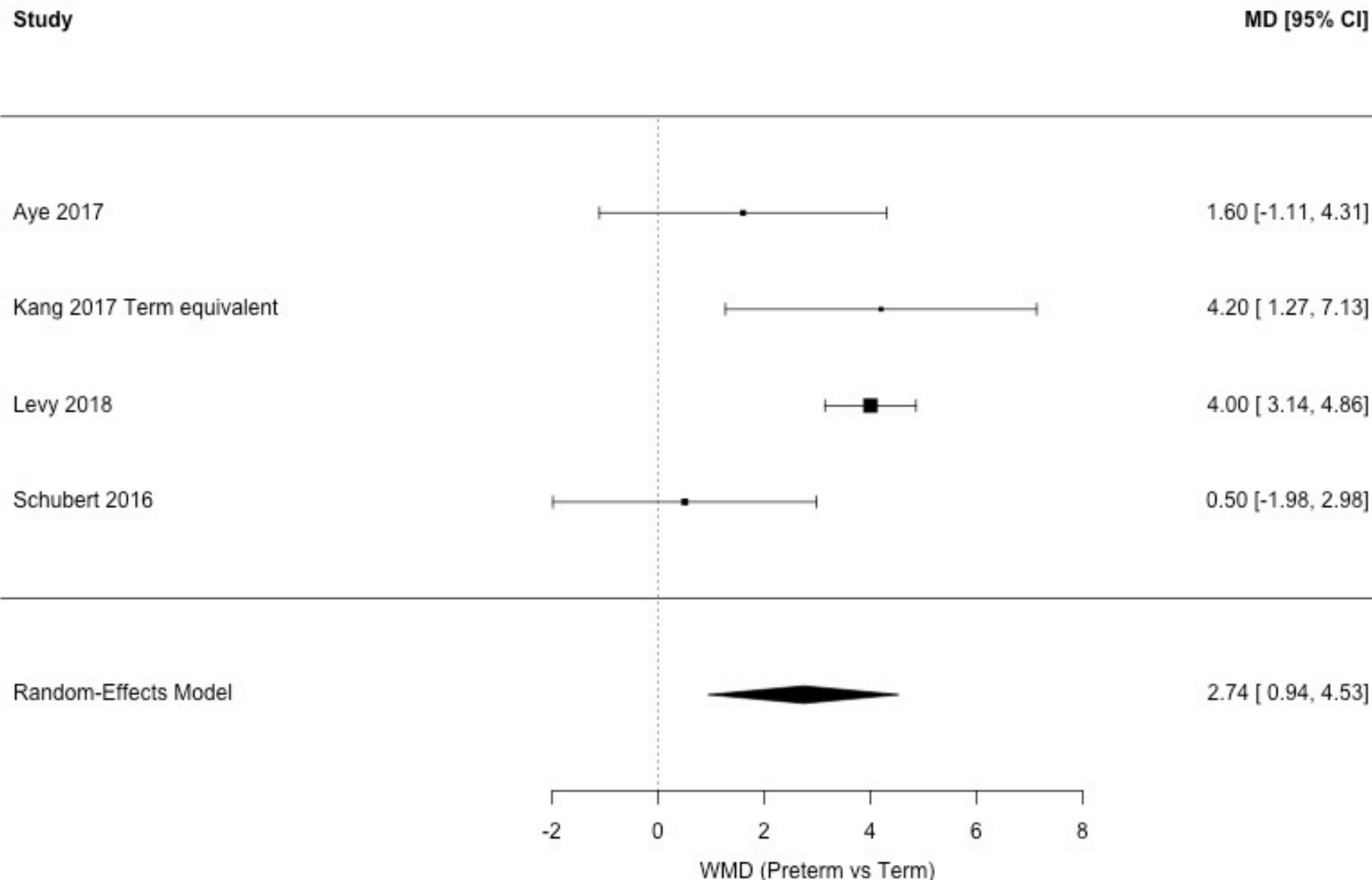
Breatnach 2017 4.90 [2.96, 6.84]

Schubert 2016 2.50 [-0.13, 5.13]

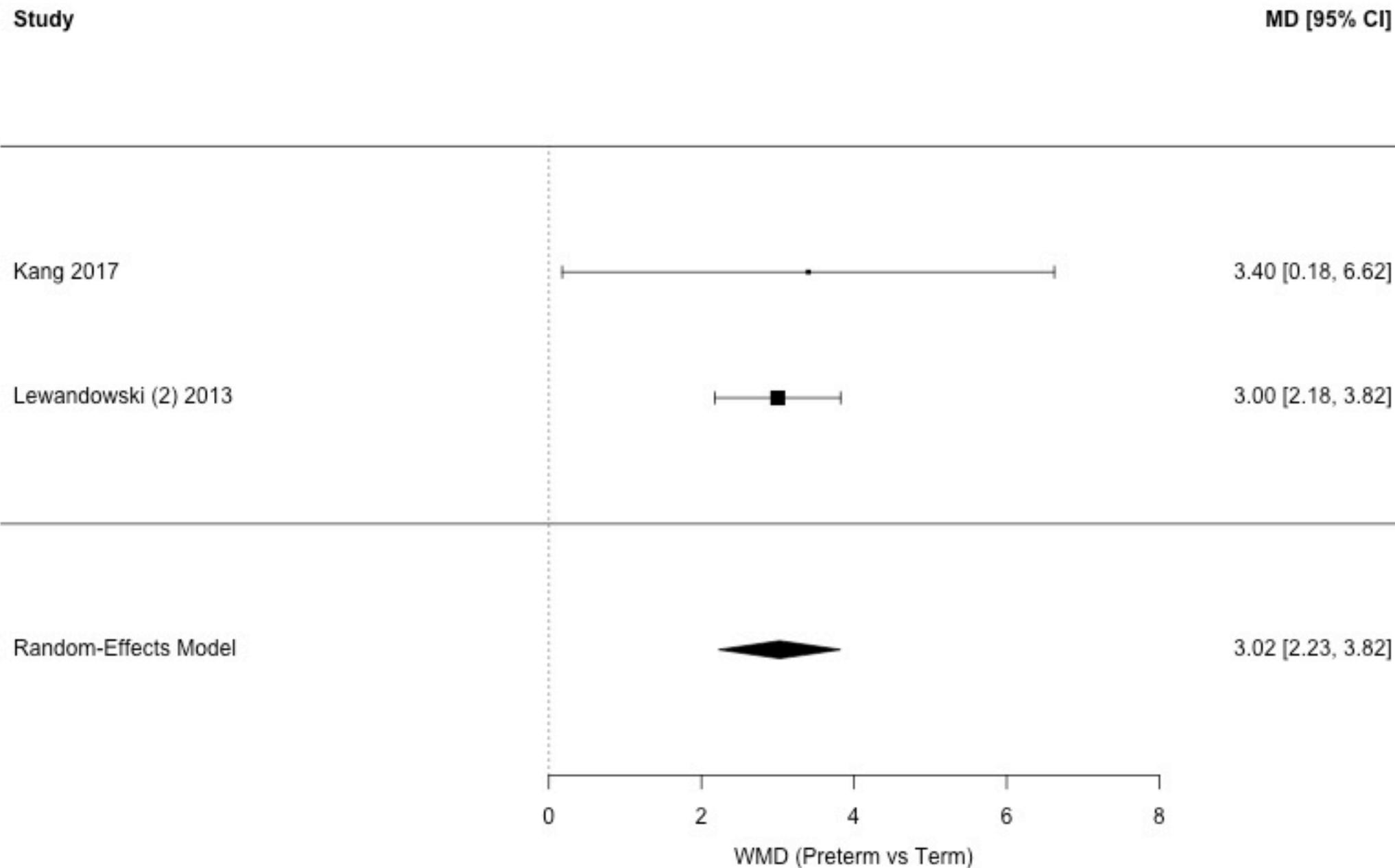
Random-Effects Model 2.95 [0.57, 5.32]



ManualData RVStrain Infants TellesMeta



ManualData RVStrain ChildrenAndYoungAdults TellesMeta



ManualData RVStrain Neonates Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Schubert 2016



2.50 [-0.13, 5.13]

Breatnach 2017



4.90 [2.96, 6.84]

Aye 2017

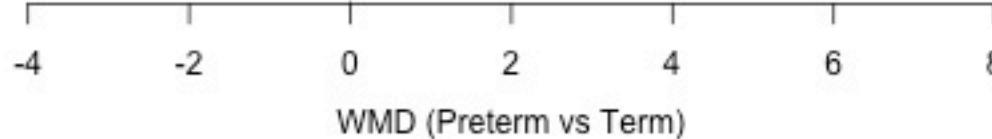


0.85 [-2.06, 3.76]

Random-Effects Model



2.95 [0.57, 5.32]



ManualData RVStrain Infants Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

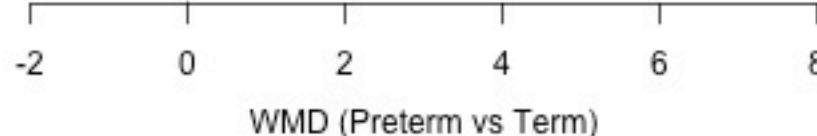
Aye 2017 1.60 [-1.11, 4.31]

Schubert 2016 0.50 [-1.98, 2.98]

Kang 2017 4.20 [1.27, 7.13]

Levy 2018 4.00 [3.14, 4.86]

Random-Effects Model 2.74 [0.94, 4.53]



ManualData RVStrain ChildrenAndYoungAdults Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

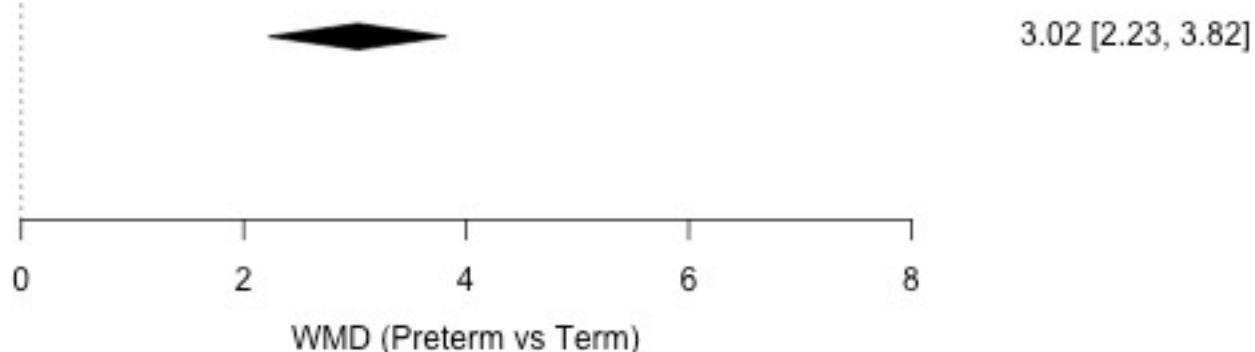
Kang 2017



Lewandowski (2) 2013



Random-Effects Model



ManualData RVsPrime Neonates TellesMeta

Study

MD [95% CI]

Schubert 2016



-1.31 [-2.26, -0.36]

Negrine 2012



-1.50 [-2.15, -0.85]

Breatnach 2017



-0.80 [-1.20, -0.40]

Poon 2019



-0.60 [-0.97, -0.23]

Koestenberger 2013



-1.42 [-1.65, -1.19]

Eriksen 2014



-0.69 [-1.14, -0.24]

Ciccone 2011

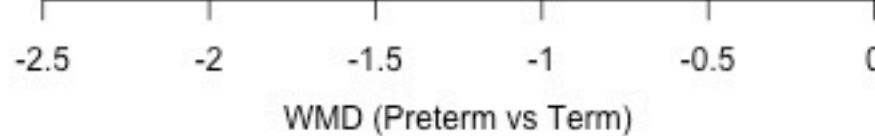


-0.60 [-1.10, -0.10]

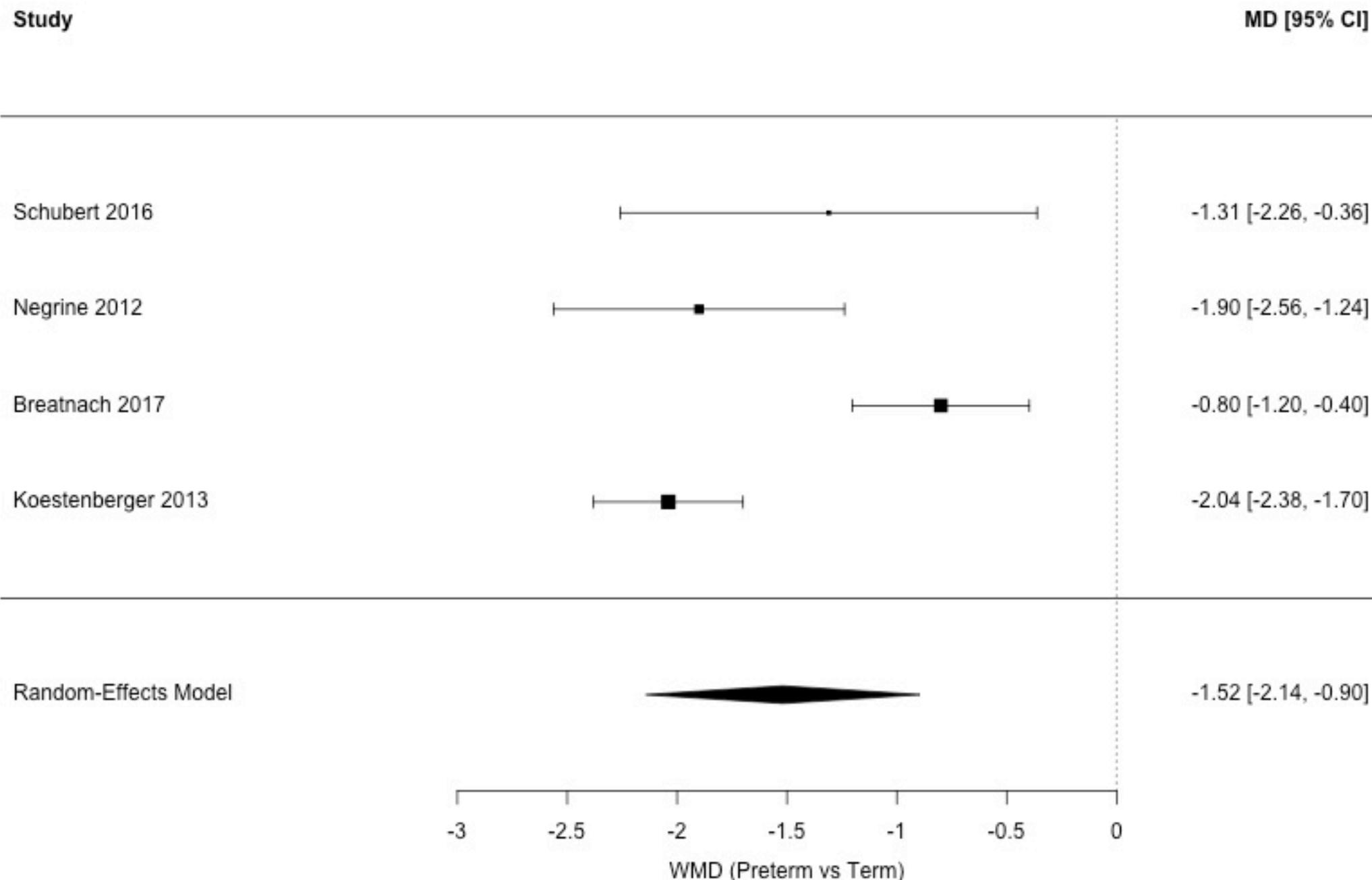
Random-Effects Model



-0.96 [-1.27, -0.65]



ManualData RVsPrime Neonates Stratified LessThan32Weeks TellesMeta



ManualData RVsPrime Neonates Stratified GreaterOrEqualThan32Weeks TellesMeta

Study

MD [95% CI]

Negrine 2012



-1.00 [-1.78, -0.22]

Poon 2019



-0.60 [-0.97, -0.23]

Koestenberger 2013



-1.04 [-1.31, -0.77]

Eriksen 2014



-0.69 [-1.14, -0.24]

Ciccone 2011

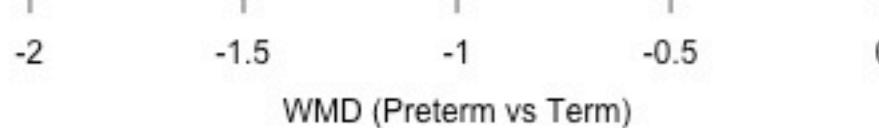


-0.60 [-1.10, -0.10]

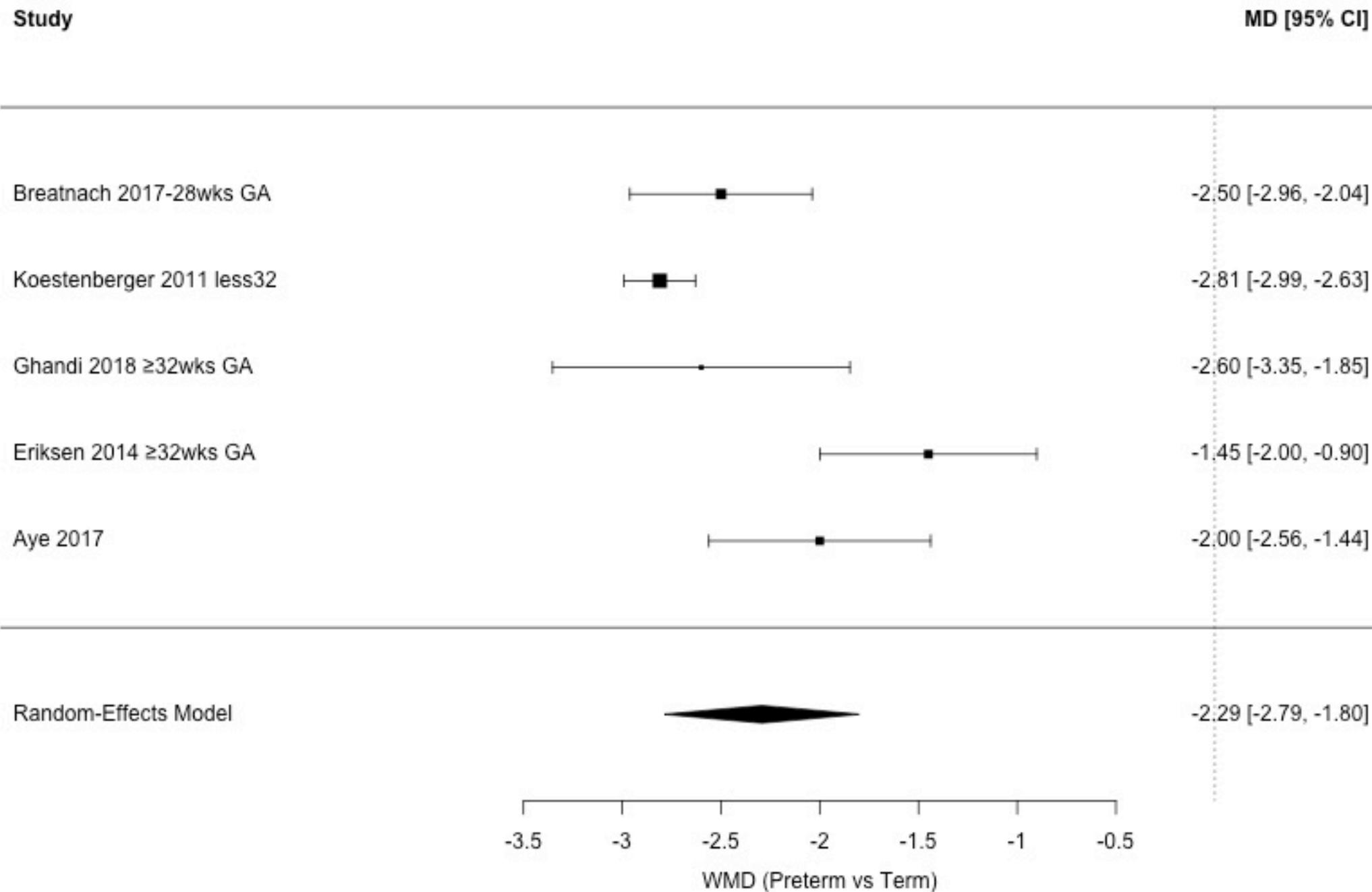
Random-Effects Model



-0.80 [-1.03, -0.56]



ManualData TAPSE Neonates TellesMeta



ManualData TAPSE Neonates Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Bretnach 2017-28wks GA



-2.50 [-2.96, -2.04]

Koestenberger 2011 less32



-3.71 [-3.92, -3.50]

Aye 2017

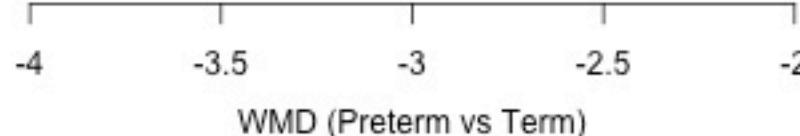


-3.20 [-3.87, -2.53]

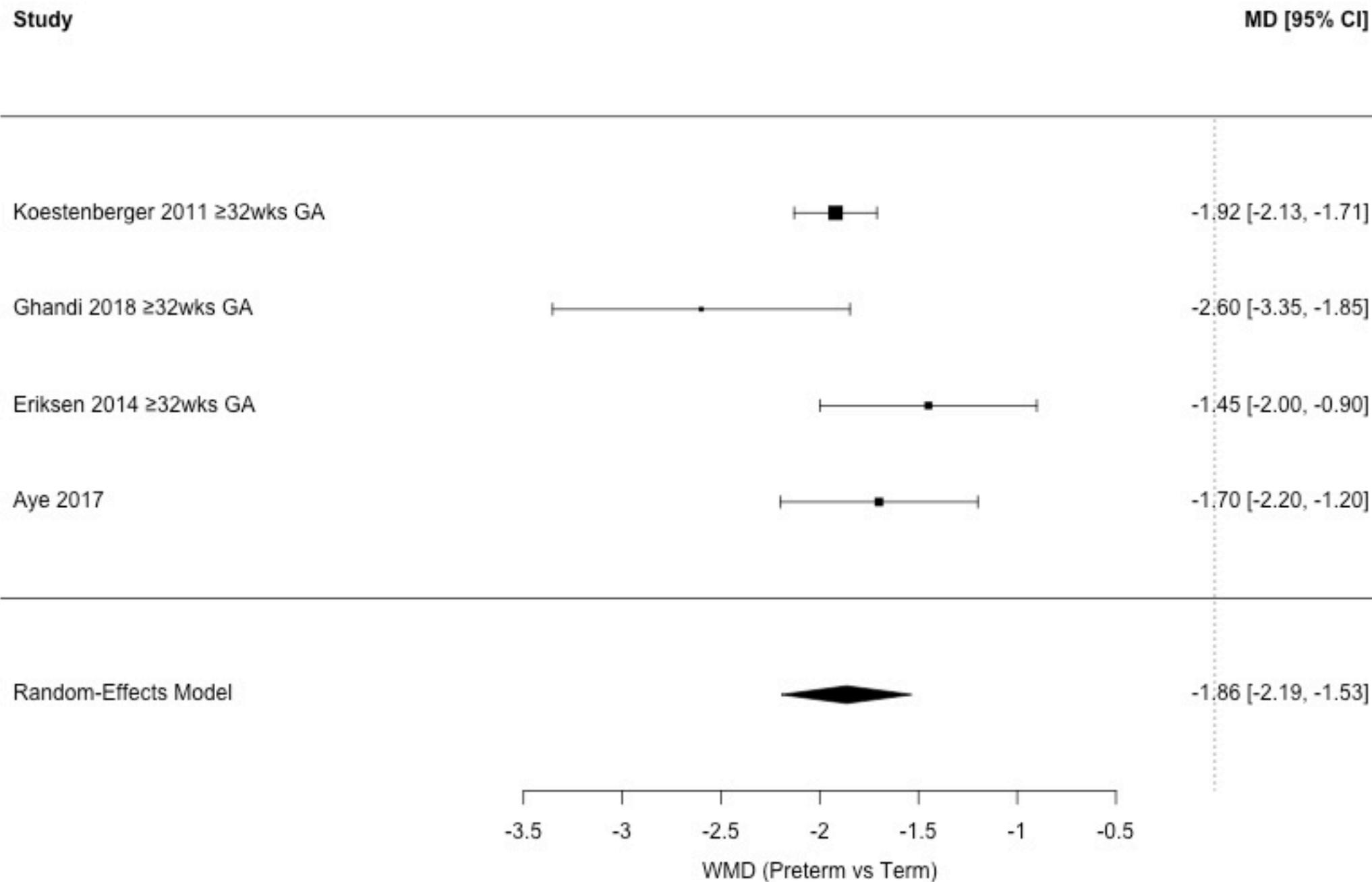
Random-Effects Model



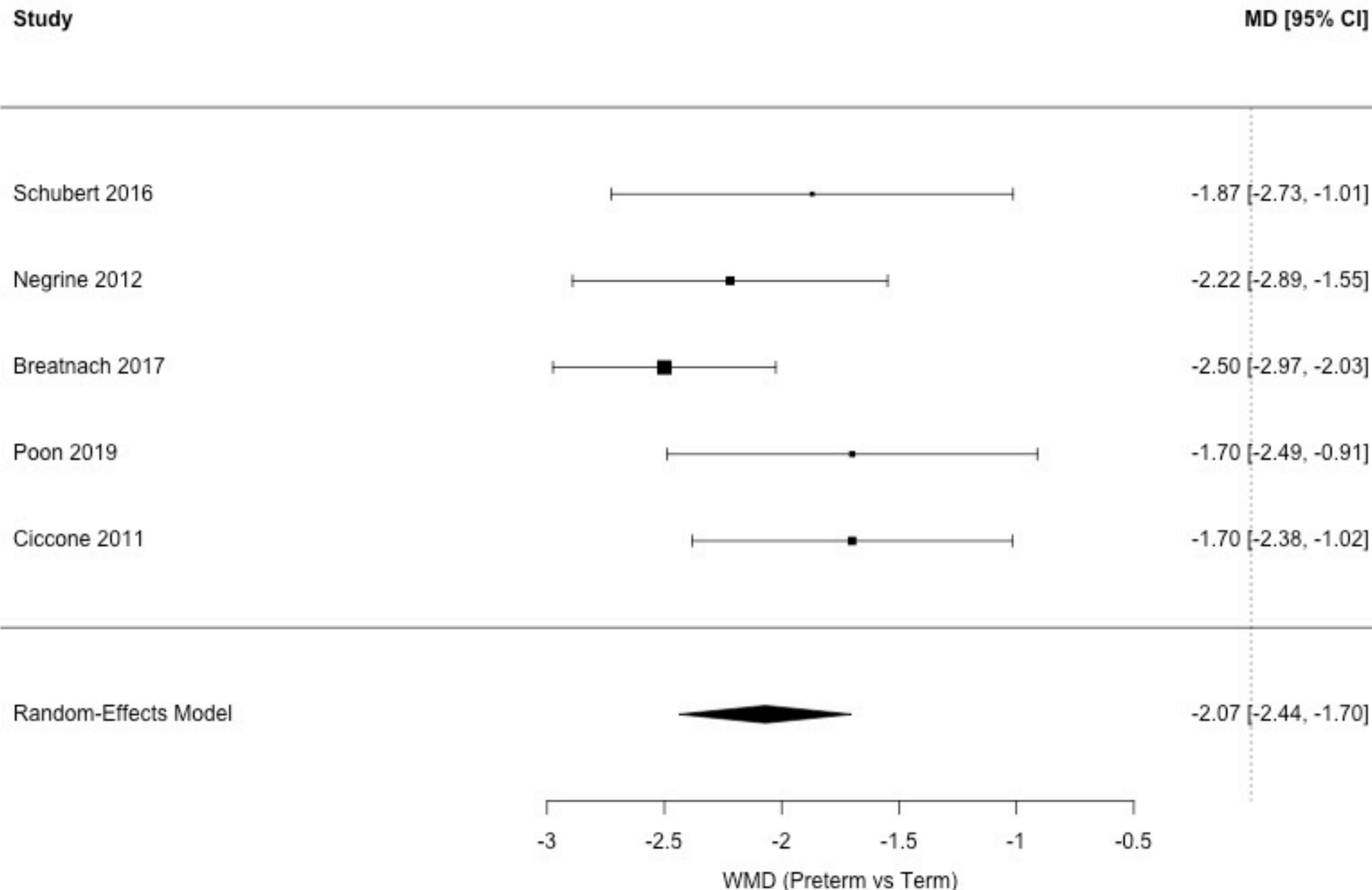
-3.16 [-3.88, -2.43]



ManualData TAPSE Neonates Stratified GreaterOrEqualThan32Weeks TellesMeta



ManualData RVePrime Neonates TellesMeta



ManualData RVePrime Neonates Stratified LessThan32Weeks TellesMeta

Study

MD [95% CI]

Schubert 2016



-1.87 [-2.73, -1.01]

Breatnach 2017



-2.50 [-2.97, -2.03]

Negrine 2012



-3.10 [-3.87, -2.33]

Random-Effects Model



-2.51 [-3.11, -1.91]



ManualData RVePrime Neonates Stratified GreaterOrEqualThan32Weeks TellesMeta

Study

MD [95% CI]

Poon 2019



-1.70 [-2.49, -0.91]

Ciccone 2011



-1.70 [-2.38, -1.02]

Negrine 2012

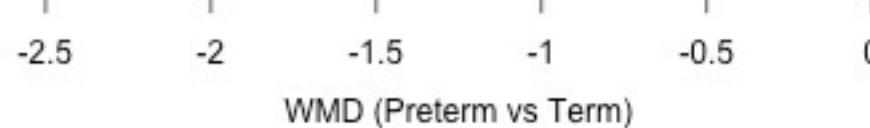


-1.10 [-1.88, -0.32]

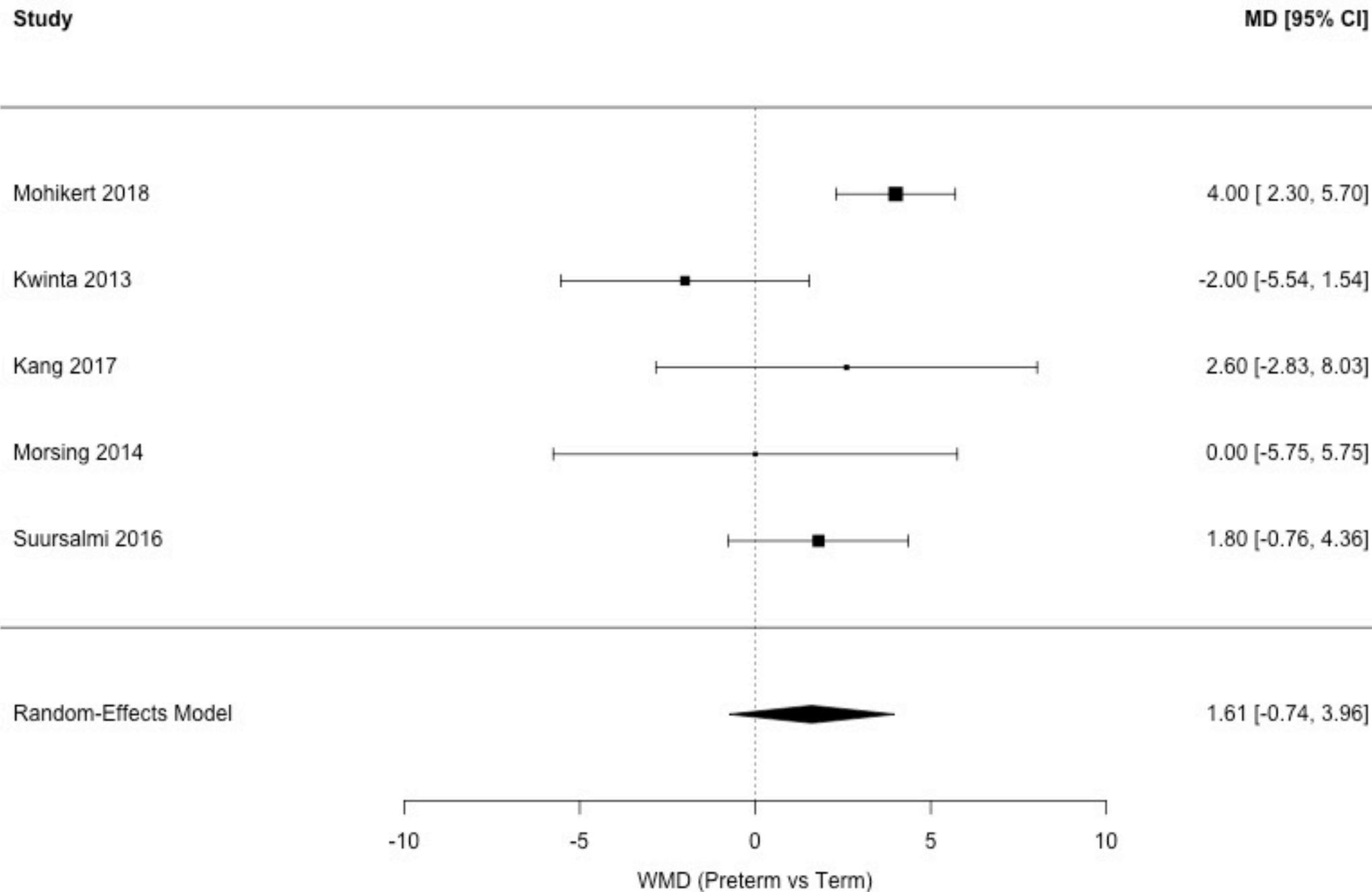
Random-Effects Model



-1.52 [-1.95, -1.09]



ManualData LVEF Children Stratified AllMethodsSupplementE20 TellesMeta



ManualData LVEF YoungAdults Stratified AllMethodsSupplementE20 TellesMeta

Study

MD [95% CI]

Kowalski 2016



1.00 [-0.28, 2.28]

Bassareo 2011



1.40 [-0.87, 3.67]

Huckstep 2018



-0.30 [-2.29, 1.69]

Lewandowski 2013

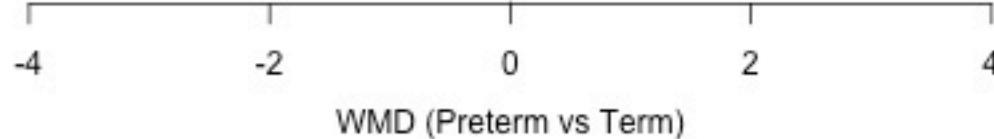


0.40 [-1.12, 1.92]

Random-Effects Model



0.66 [-0.16, 1.48]



ManualData LVEF ChildrenAndYoungAdults Stratified AllMethodsSupplementE20 TellesMeta

