

Supplementary material

Supplementary materials figure 1 – 123 contain information from several sources

References

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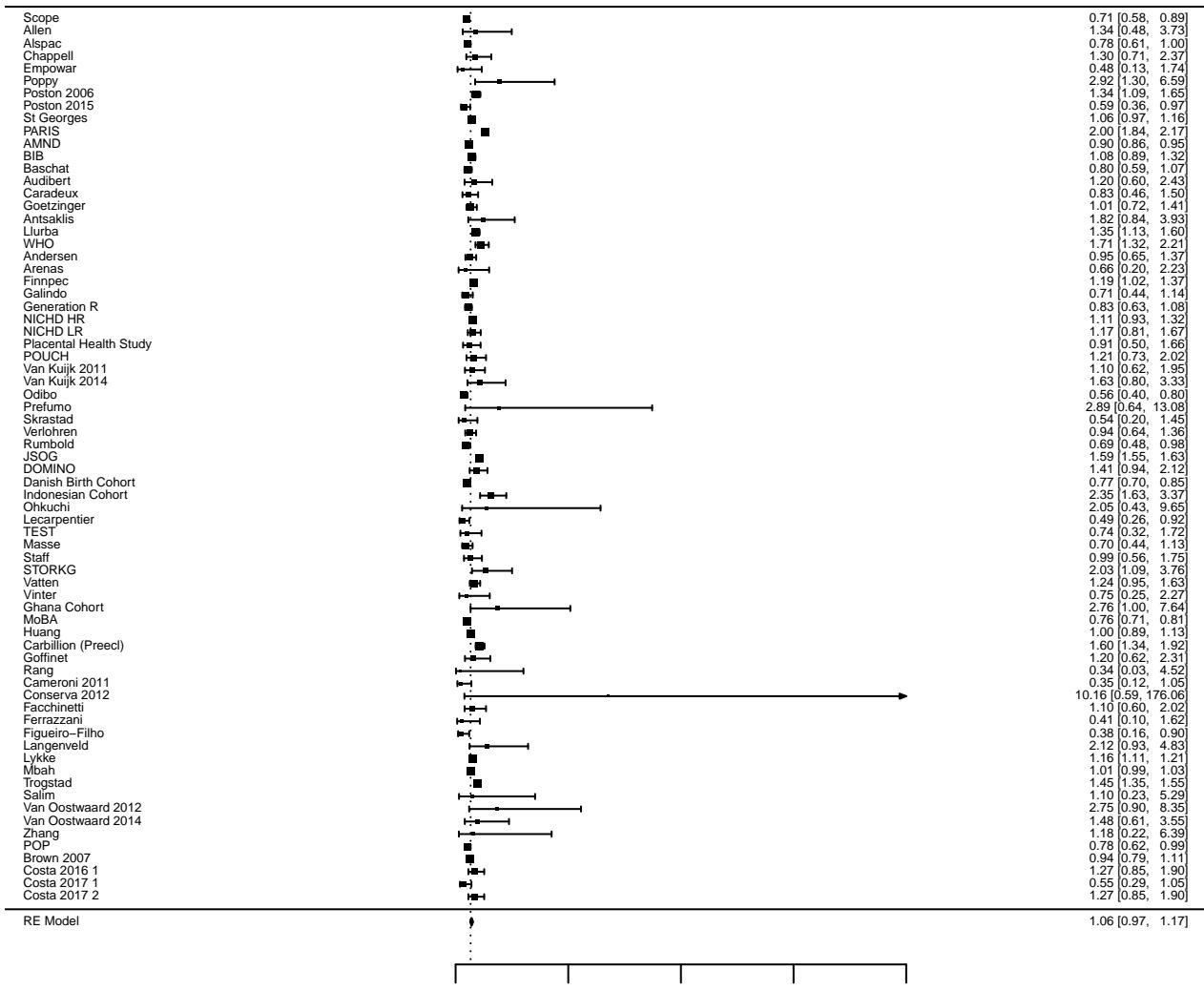
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Forest Plot to explore any onset pre–eclampsia with Maternal Age

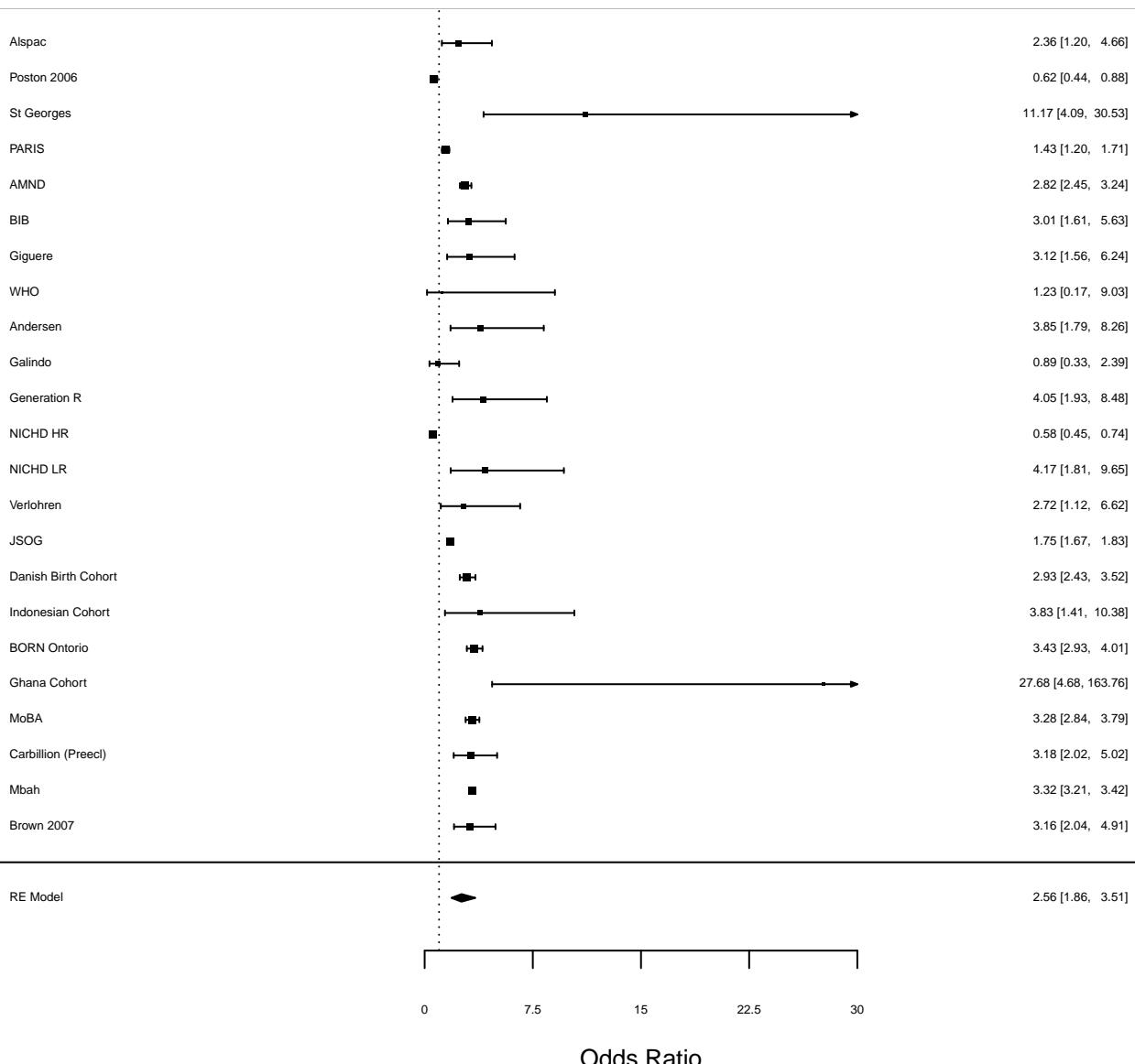


0 7.5 15 22.5 30

Odds Ratio

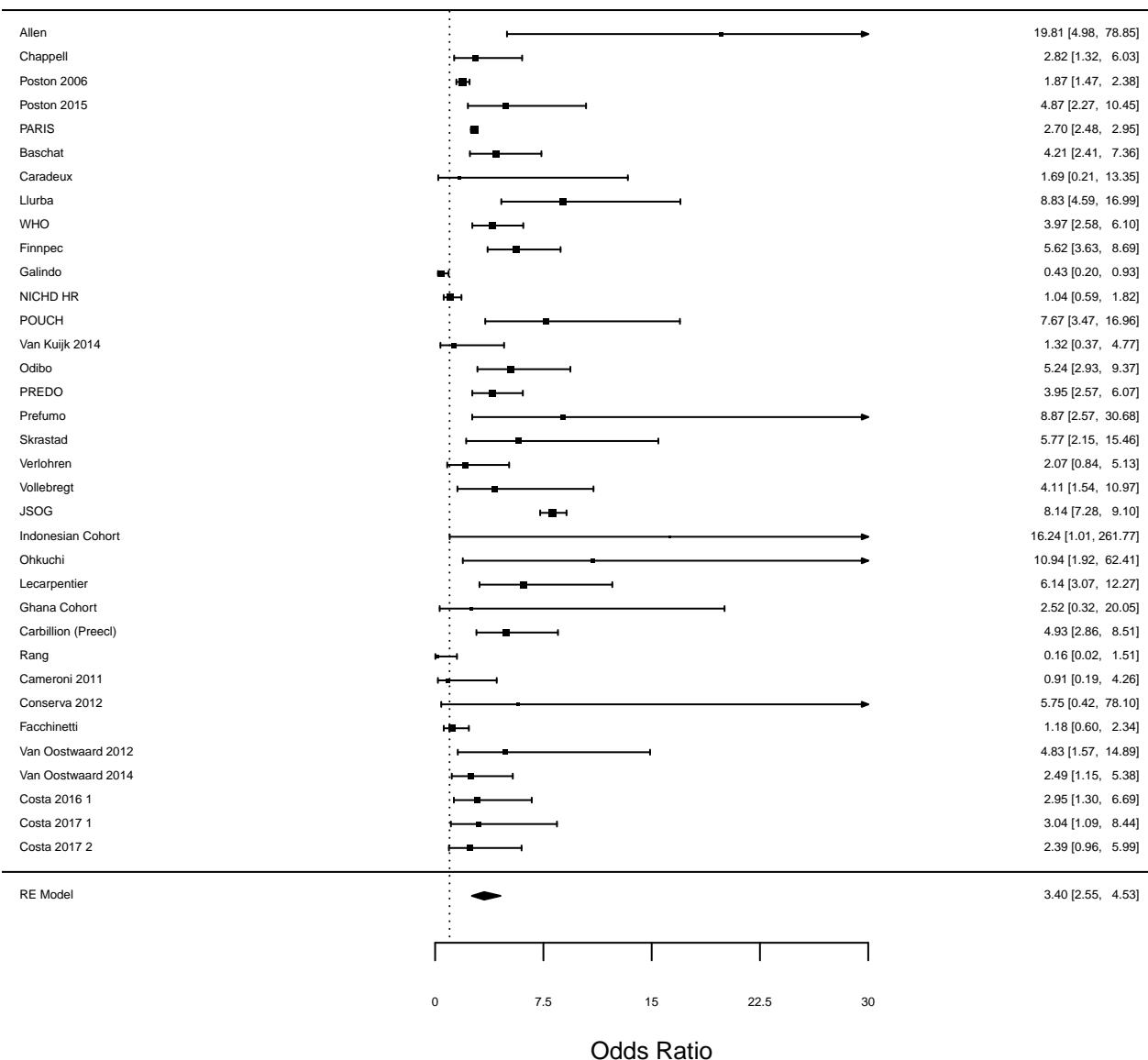
Supplementary Figure 1: Maternal age as a prognostic factor for any onset pre–eclampsia

Forest Plot to explore any onset pre-eclampsia with Multiple Current Pregnancy



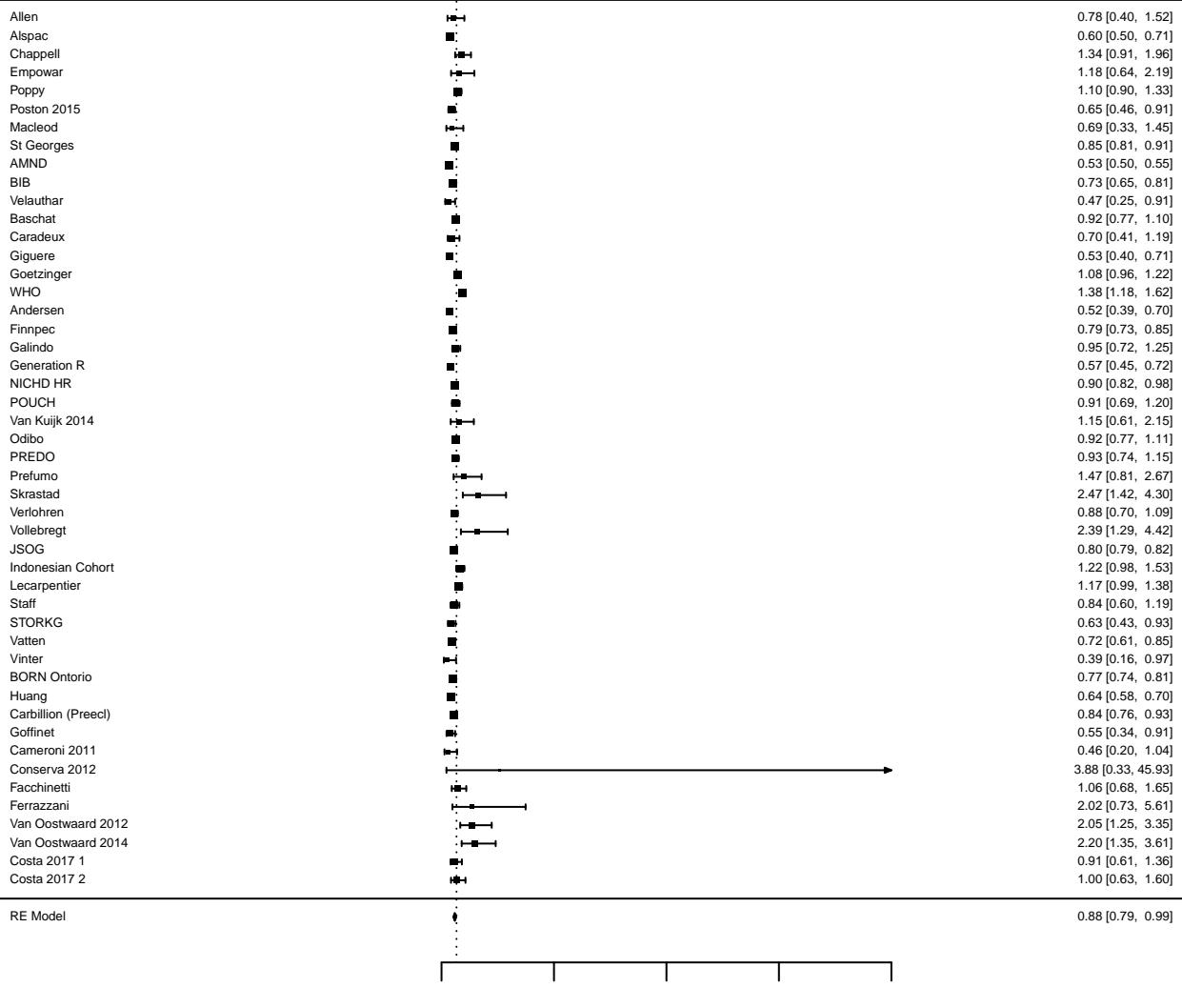
Supplementary Figure 2: Multiple current pregnancy as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre–eclampsia with Previous PE



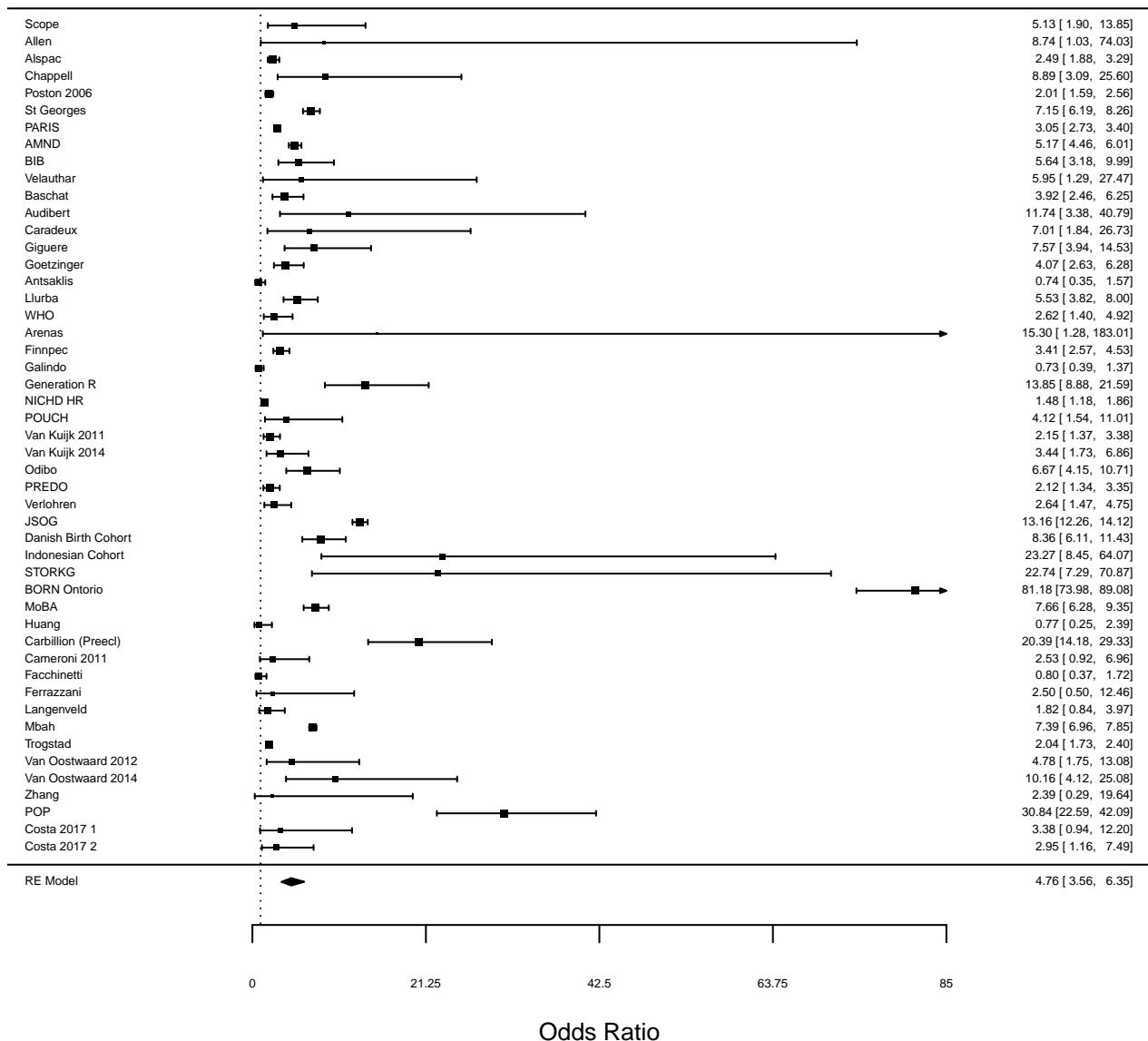
Supplementary Figure 3: Previous pre–eclampsia as a prognostic factor for any onset pre–eclampsia

Forest Plot to explore any onset pre–eclampsia with Parity



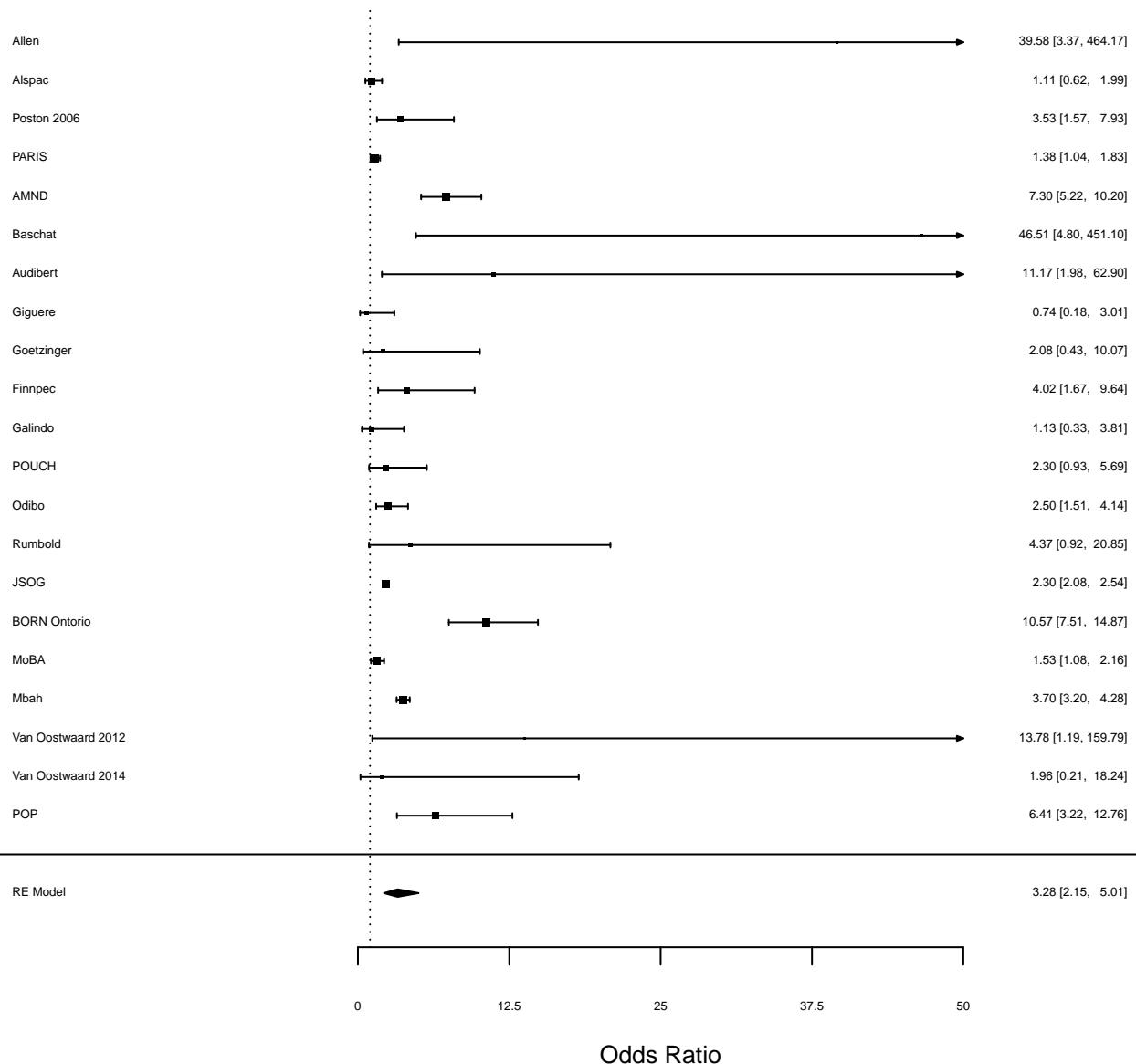
Supplementary Figure 4: Parity as a prognostic factor for any onset pre–eclampsia

Forest Plot to explore any onset pre-eclampsia with History of Hypertension



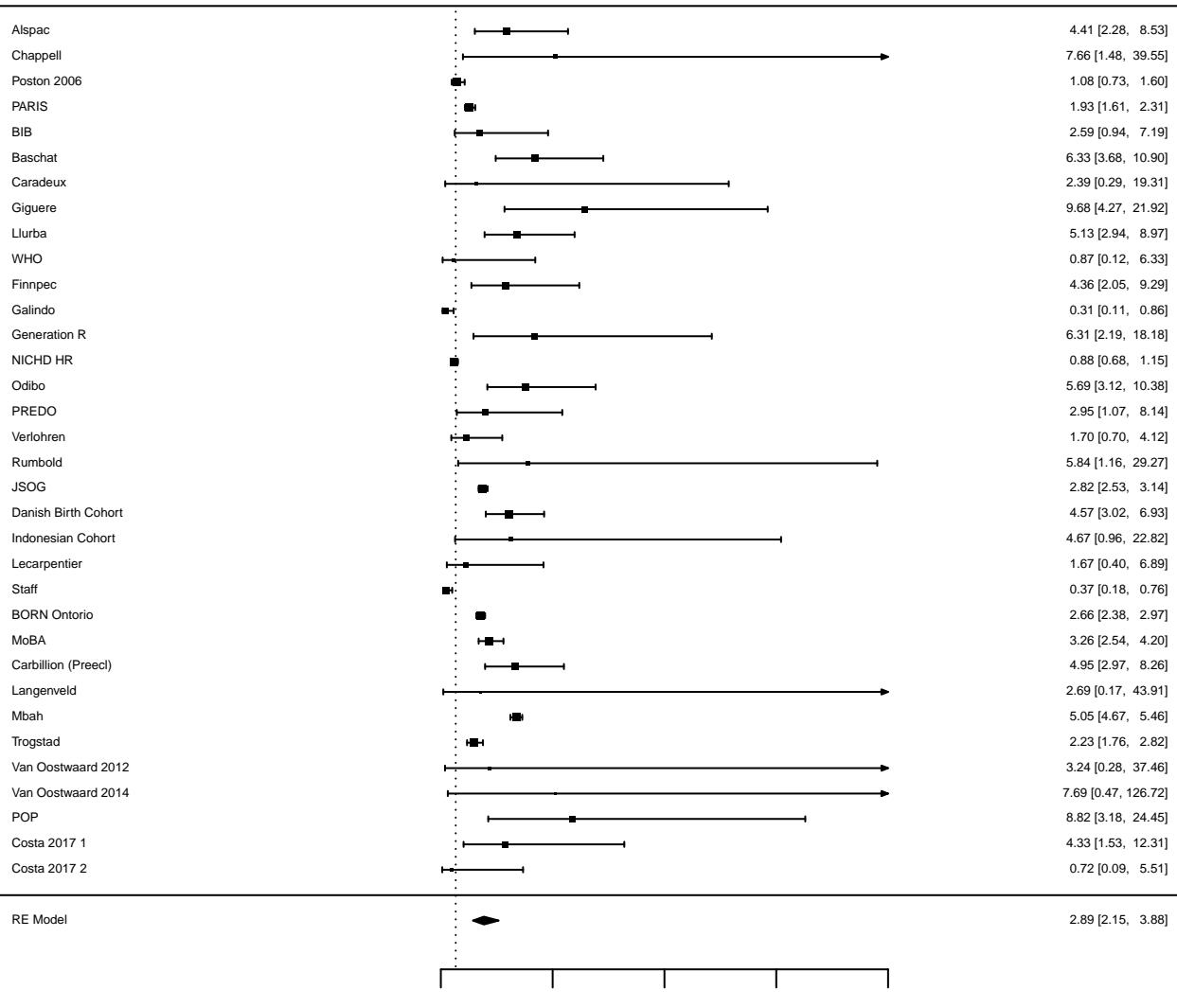
Supplementary Figure 5: History of hypertension as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre–eclampsia with History of Renal Disease



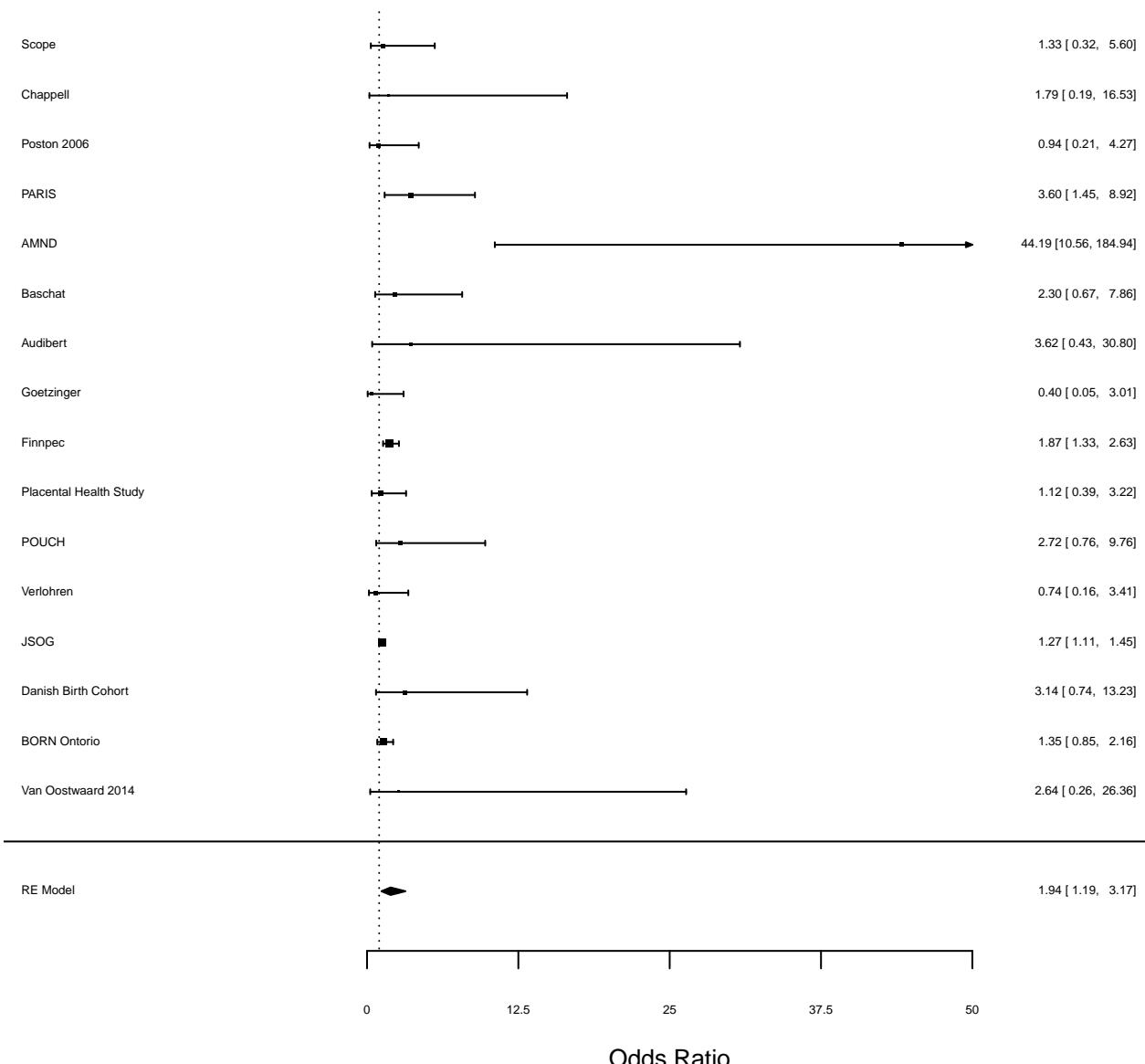
Supplementary Figure 6: History of renal disease as a prognostic factor for any onset pre–eclampsia

Forest Plot to explore any onset pre–eclampsia with History of Diabetes



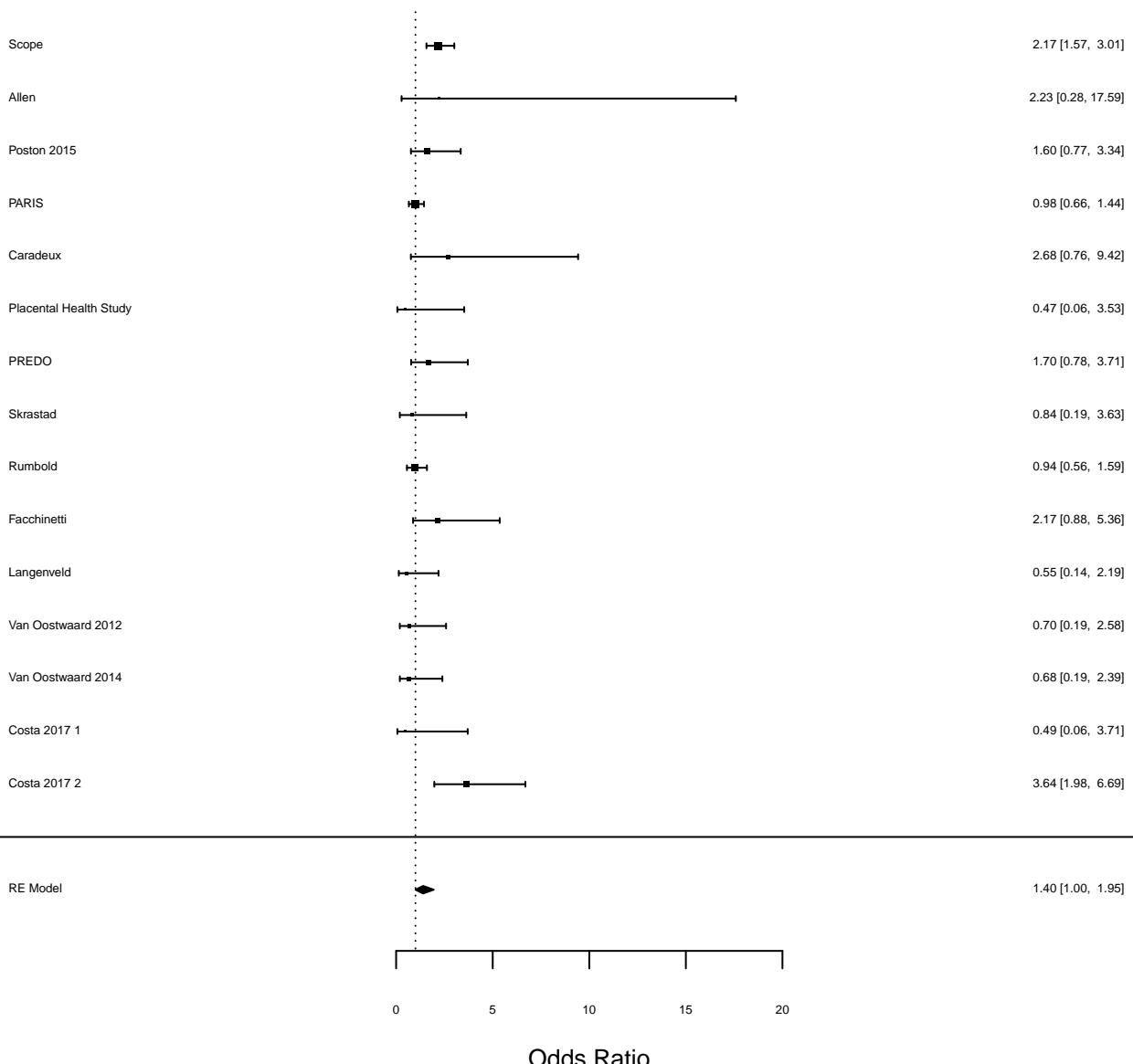
Supplementary Figure 7: History of diabetes as a prognostic factor for any onset pre–eclampsia

Forest Plot to explore any onset pre–eclampsia with History of Autoimmune Disease



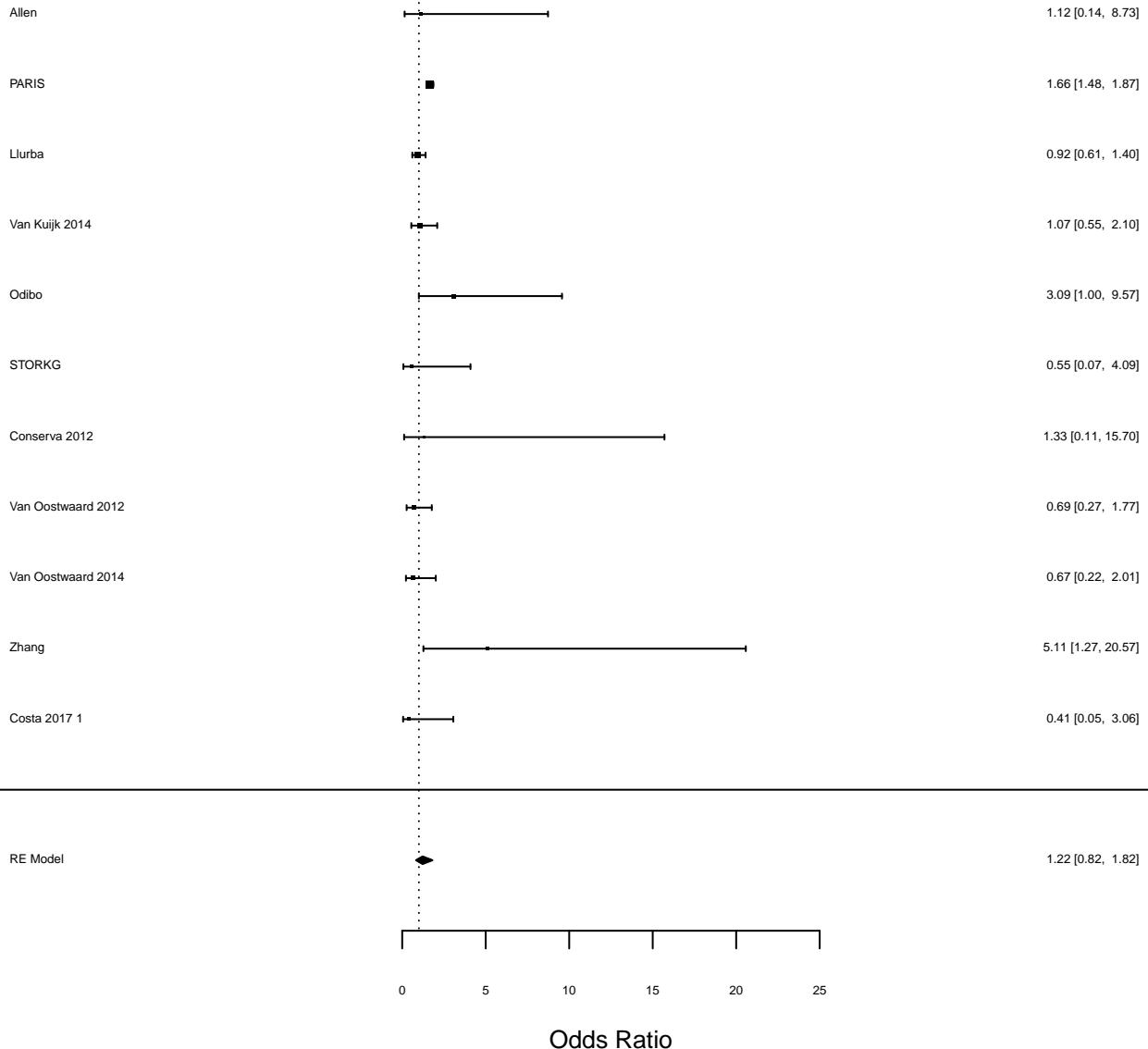
Supplementary Figure 8: History of autoimmune disease as a prognostic factor for any onset pre–eclampsia

Forest Plot to explore any onset pre-eclampsia with Family History of Pre-eclampsia



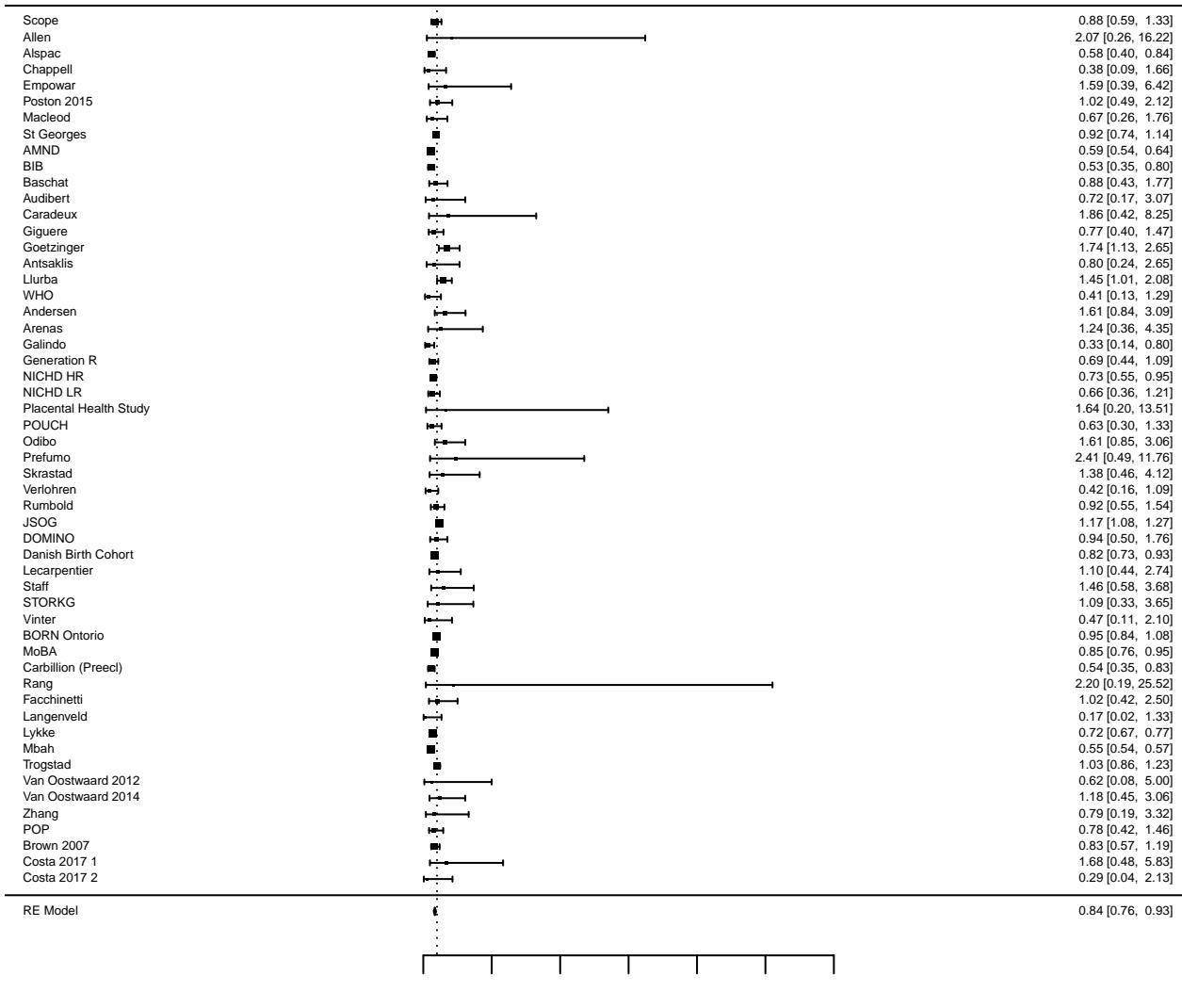
Supplementary Figure 9: Family history of pre-eclampsia as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre-eclampsia with Previous SGA



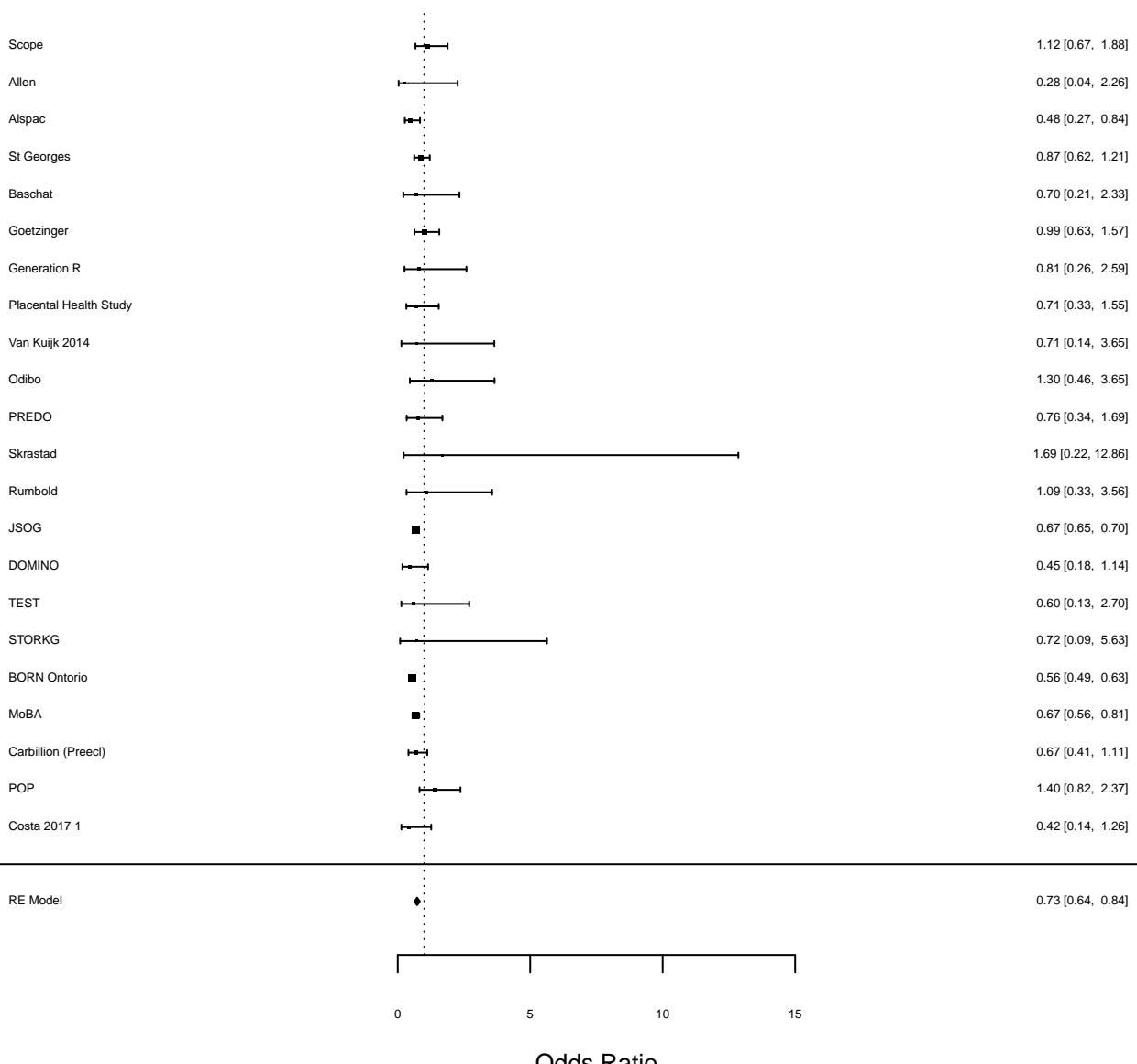
Supplementary Figure 10: Previous small for gestational age as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre-eclampsia with Smoking During Pregnancy



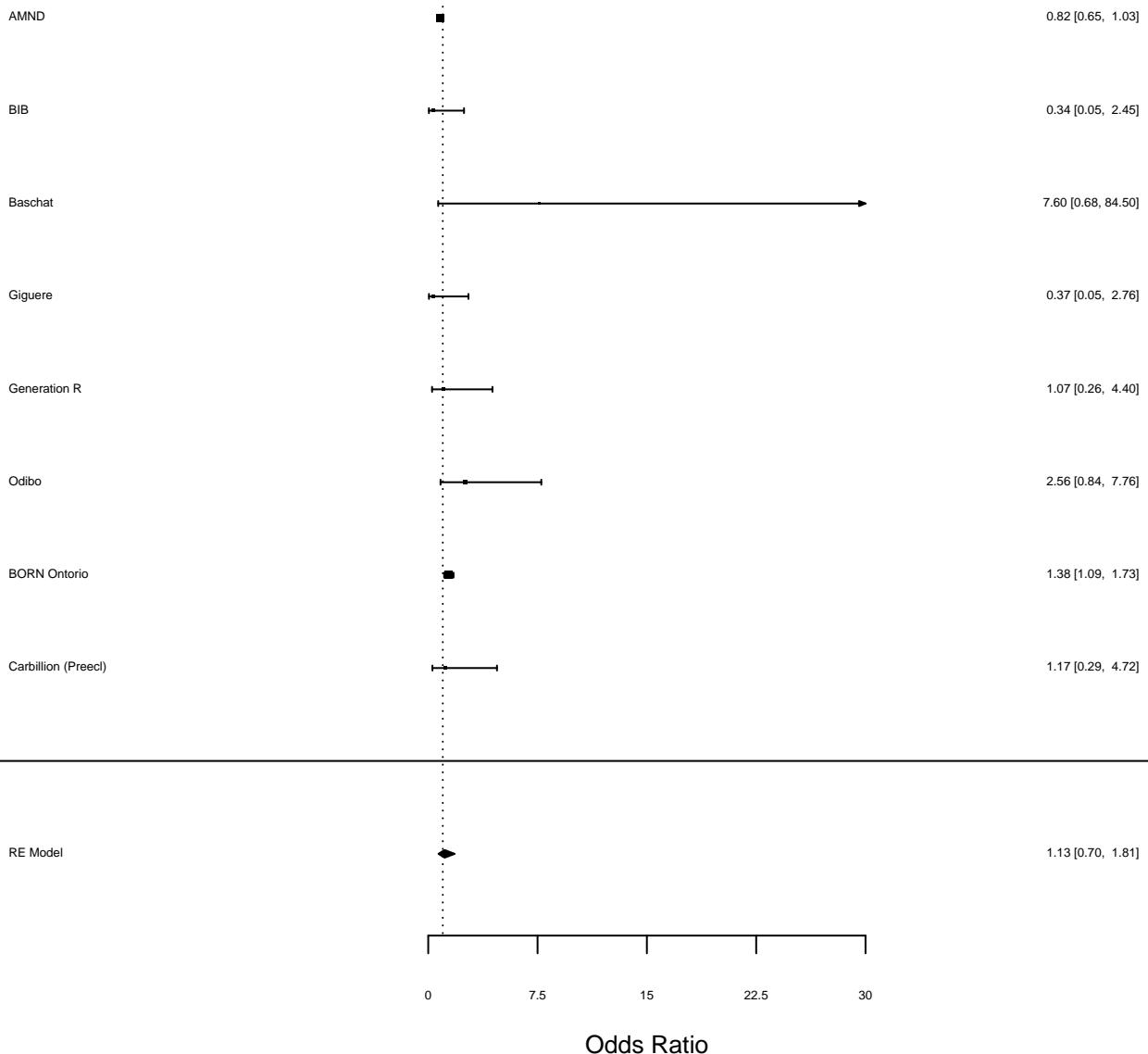
Supplementary Figure 11: Smoking during pregnancy as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre-eclampsia with Spontaneous Mode of Conception



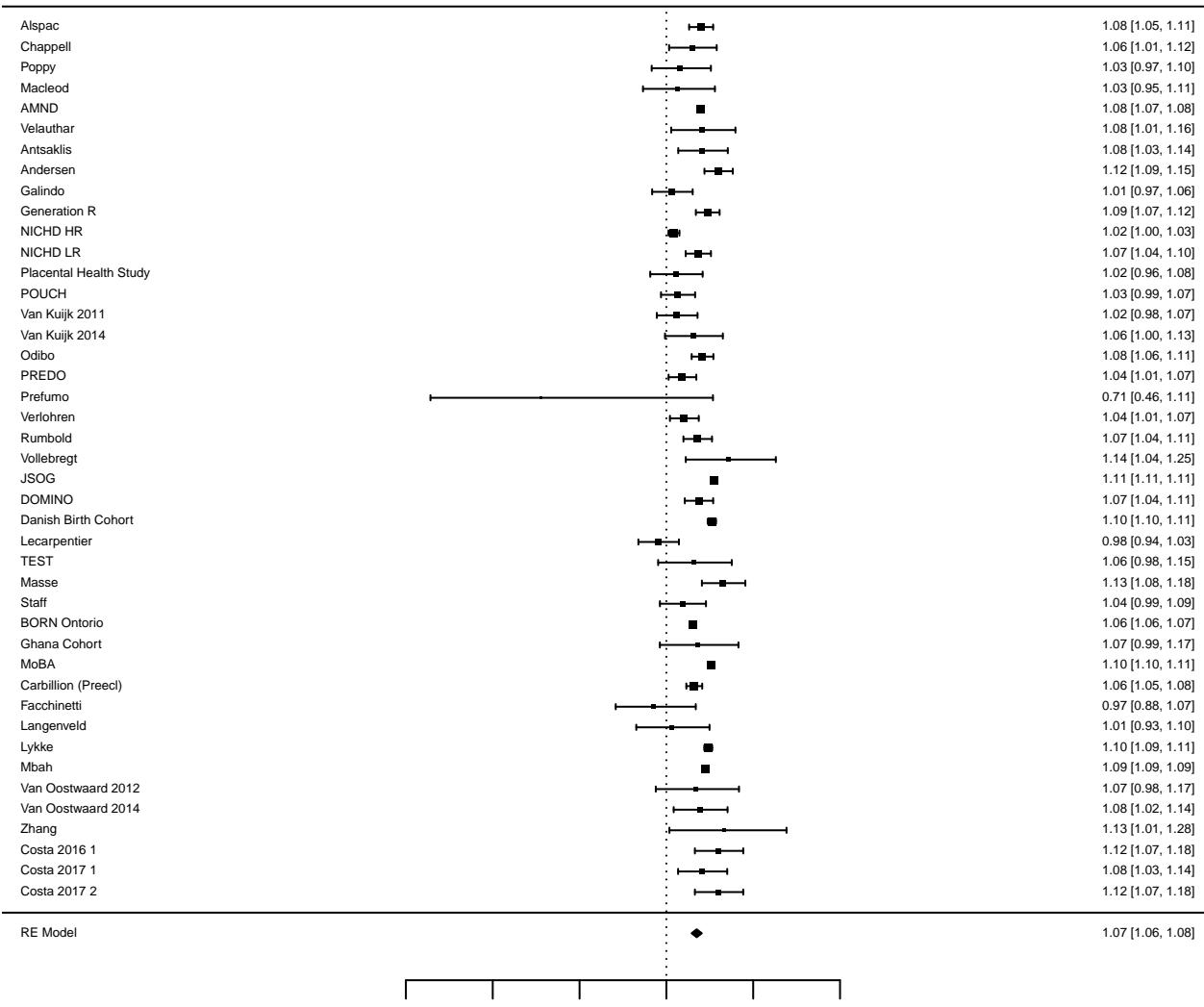
Supplementary Figure 12: Spontaneous mode of conception as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre–eclampsia with Cocaine, Heroin or Methamphetamine Use



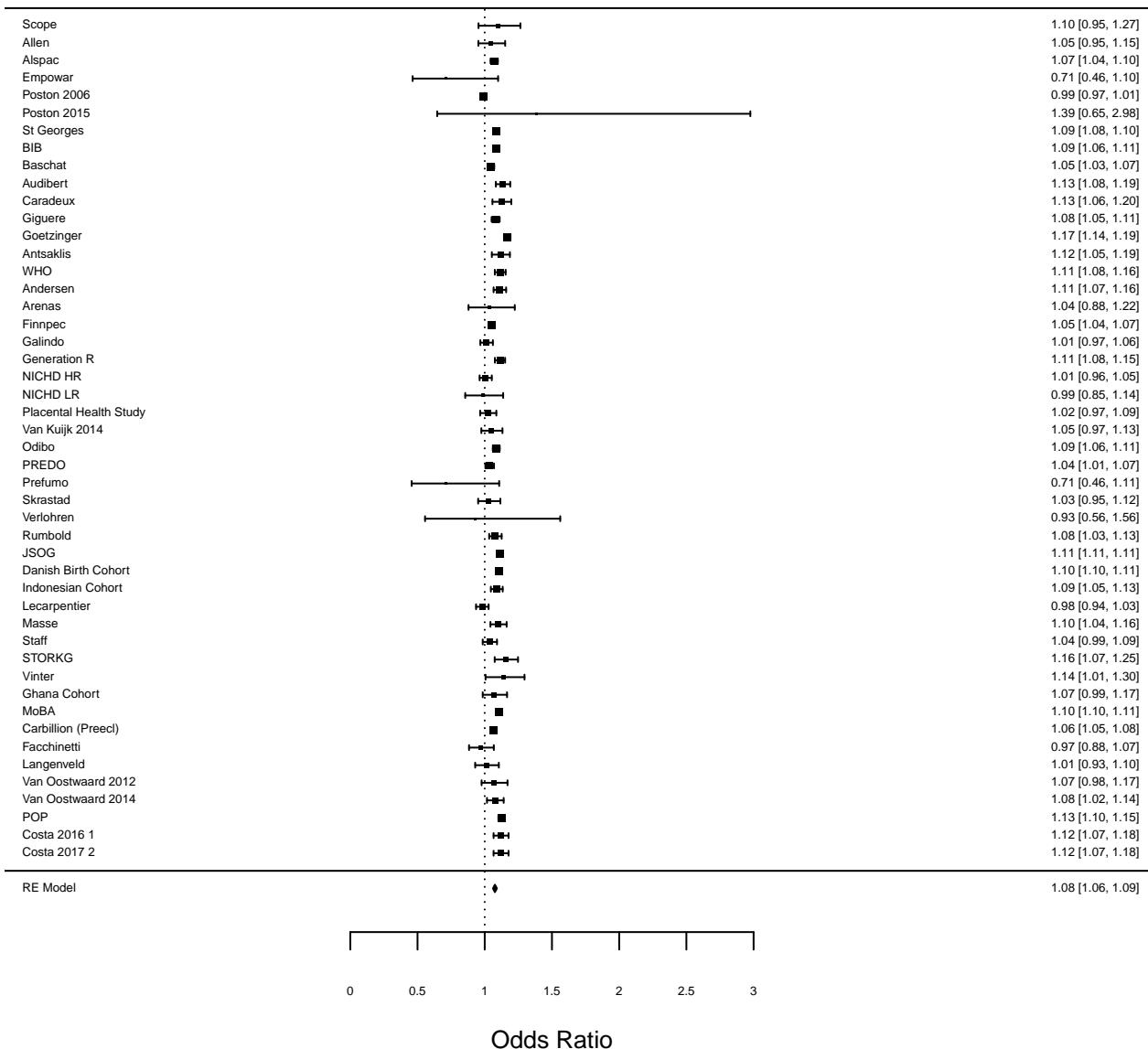
Supplementary Figure 13: Cocaine, heroin or methamphetamine use as a prognostic factor for any onset pre–eclampsia

Forest Plot to explore any onset pre–eclampsia with BMI



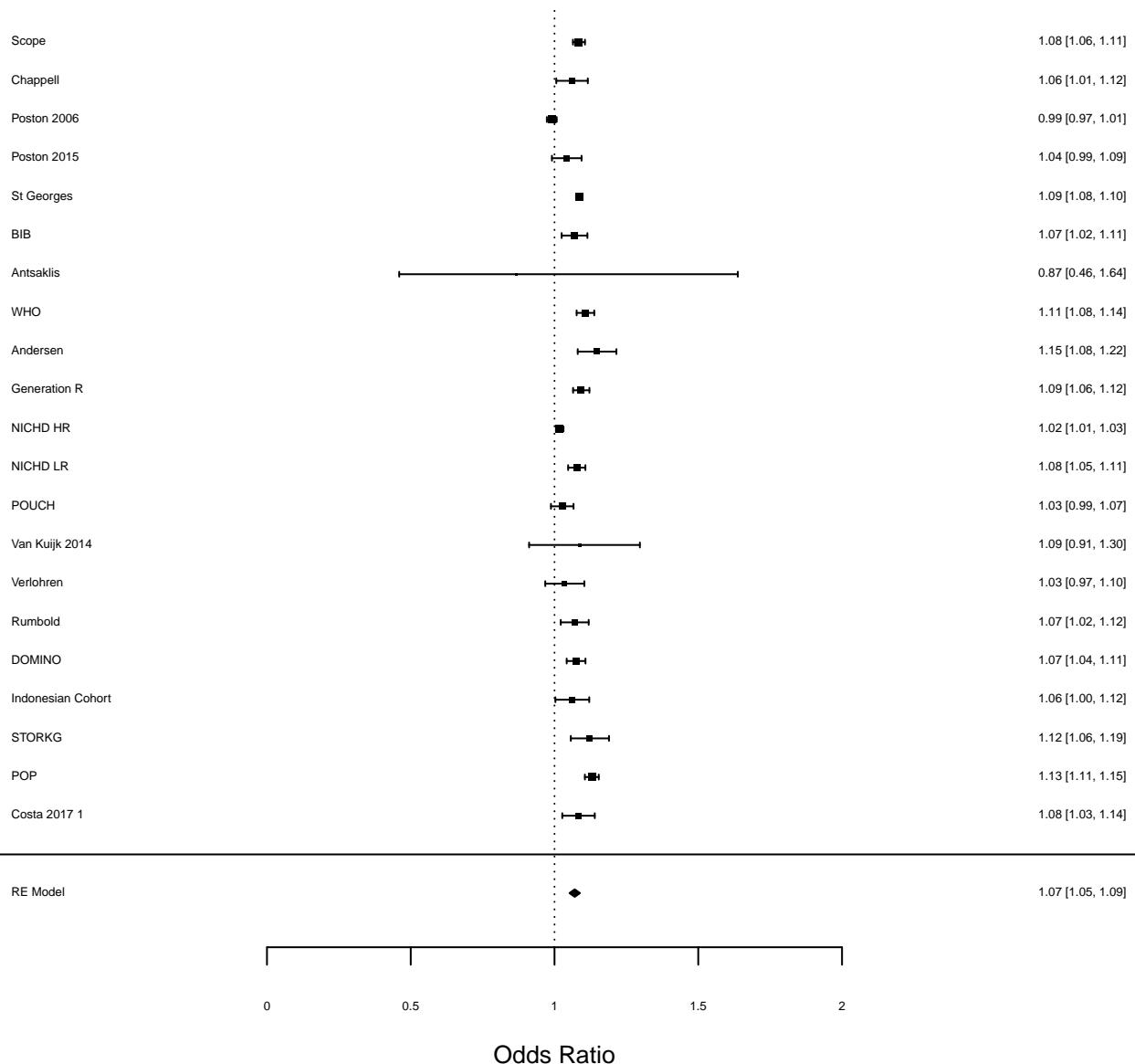
Supplementary Figure 14: BMI as a prognostic factor for any onset pre–eclampsia

Forest Plot to explore any onset pre-eclampsia with BMI Trimester 1



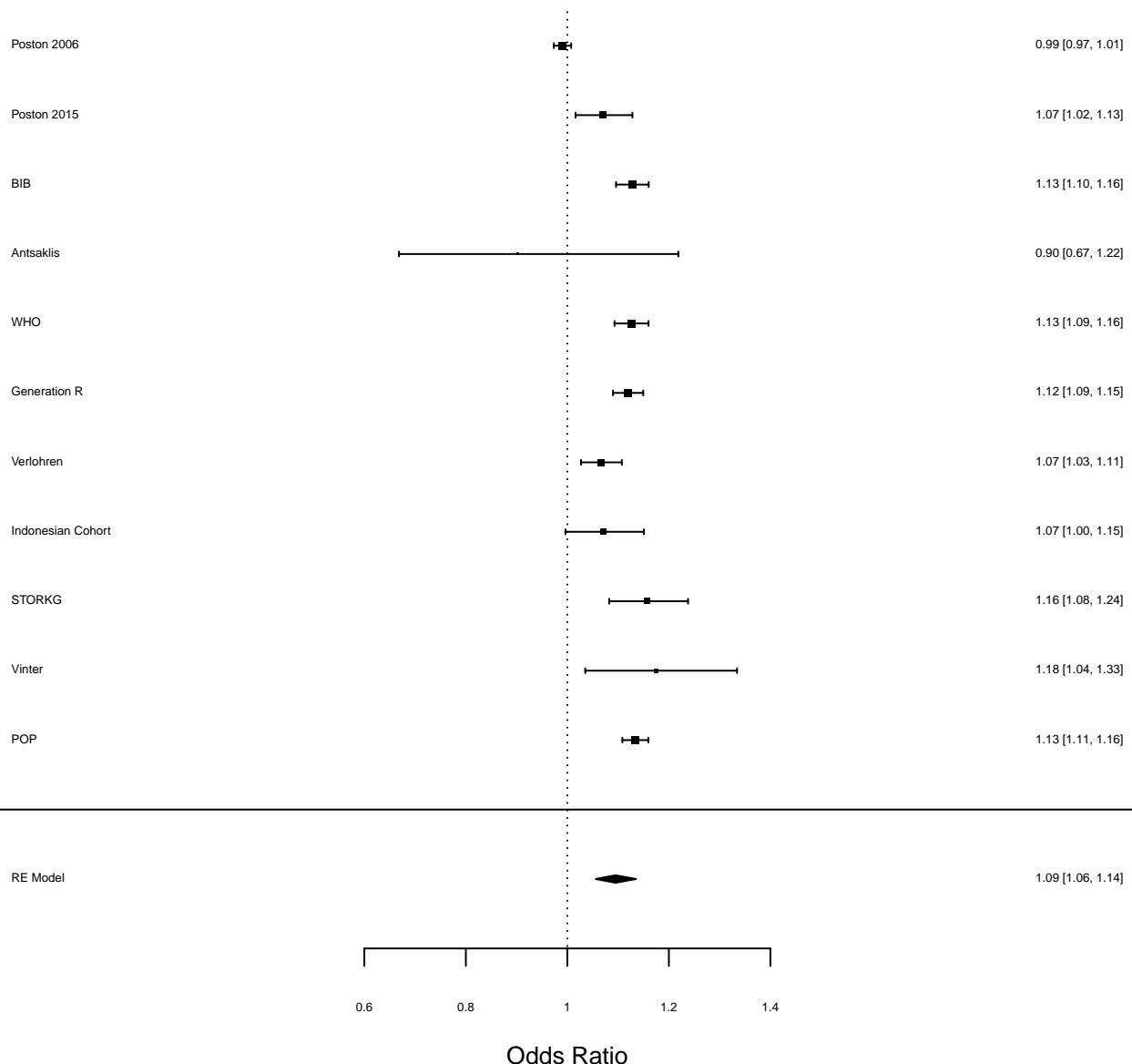
Supplementary Figure 15: Trimester 1 BMI as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre-eclampsia with BMI Trimester 2



Supplementary Figure 16: Trimester 2 BMI as a prognostic factor for any onset pre-eclampsia

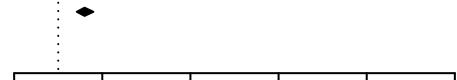
Forest Plot to explore any onset pre-eclampsia with BMI Trimester 3



Supplementary Figure 17: Trimester 3 BMI as a prognostic factor for any onset pre-eclampsia

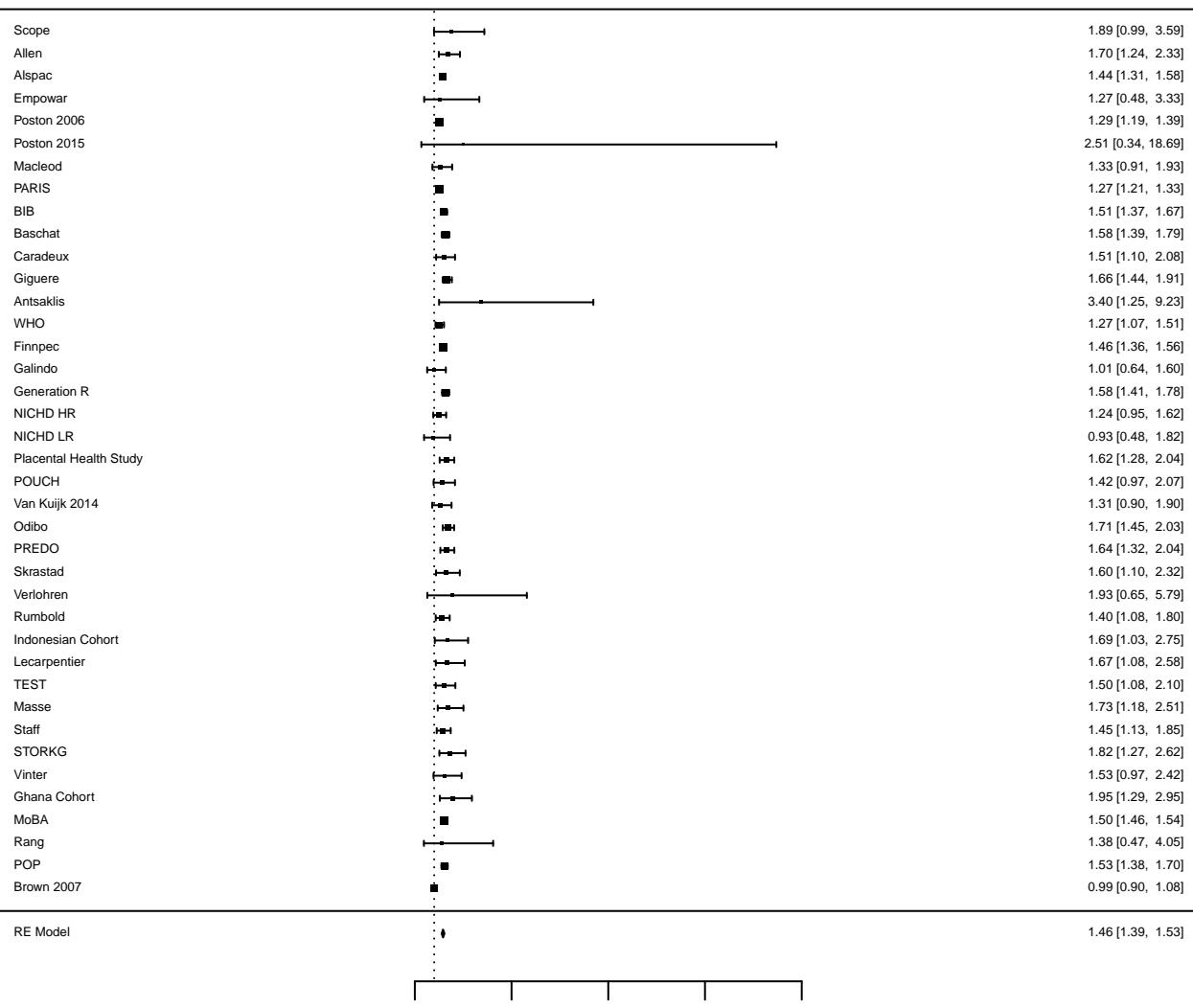
Forest Plot to explore any onset pre-eclampsia with Systolic Blood Pressure

Chappell	1.75 [1.35, 2.26]
Velauthar	1.63 [1.20, 2.22]
Antsaklis	3.44 [1.26, 9.38]
Galindo	1.87 [1.56, 2.25]
NICHD HR	1.31 [1.22, 1.42]
NICHD LR	1.49 [1.29, 1.72]
Placental Health Study	1.62 [1.28, 2.04]
Van Kuijk 2014	1.31 [1.04, 1.63]
PRED0	1.64 [1.32, 2.04]
Verlorenh	2.60 [2.15, 3.14]
Lecarpentier	1.56 [1.24, 1.97]
Staff	1.45 [1.13, 1.85]
Carbillion (Preecl)	2.53 [2.40, 2.68]
Ferrazzani	1.54 [1.05, 2.27]
Langenfeld	1.29 [0.97, 1.71]
Van Oostwaard 2012	1.61 [1.17, 2.21]
Van Oostwaard 2014	1.29 [0.97, 1.73]
POP	1.54 [1.39, 1.71]
Brown 2007	1.09 [1.01, 1.17]



Odds Ratio

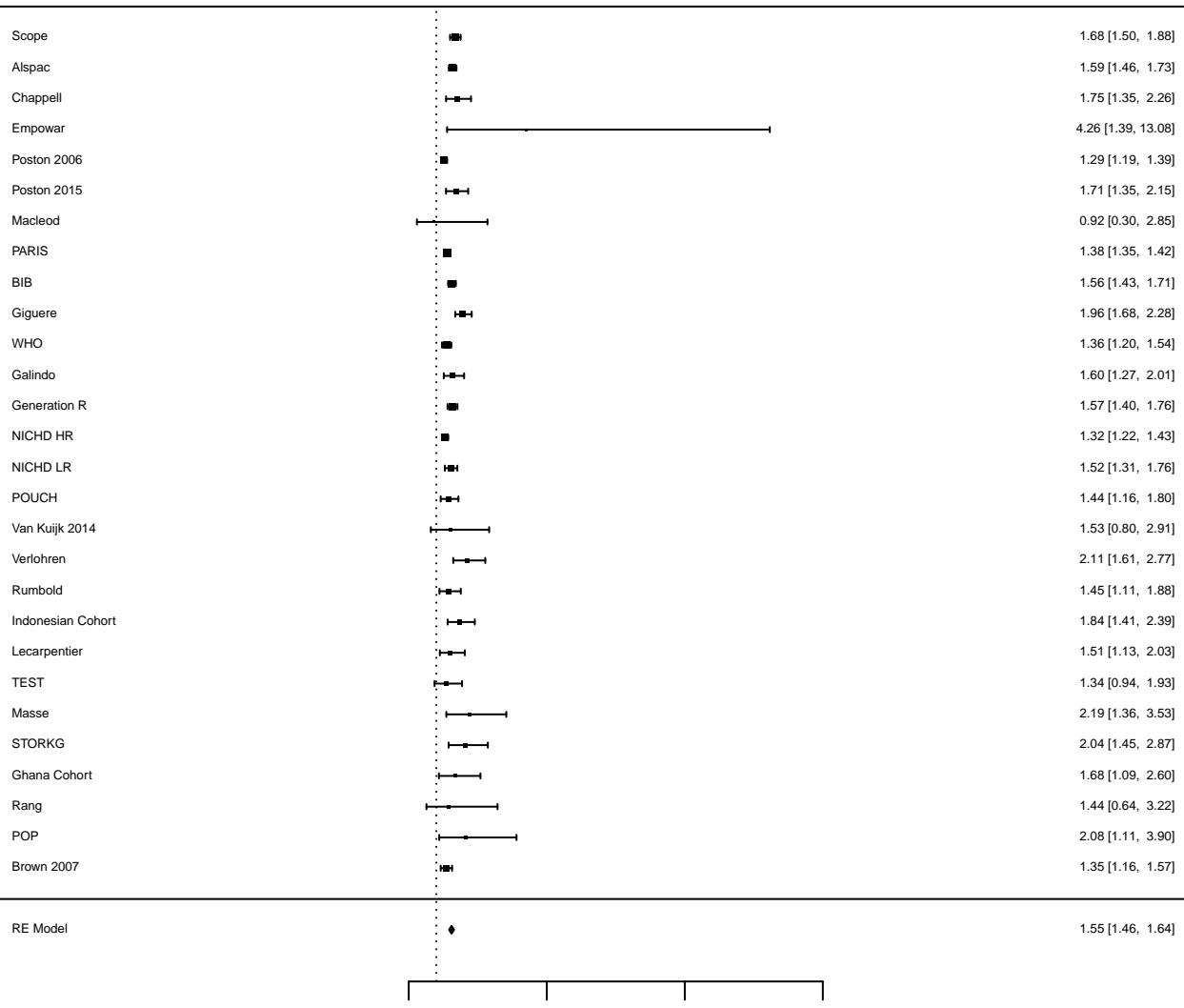
Forest Plot to explore any onset pre-eclampsia with Systolic Blood Pressure Trimester 1



Odds Ratio

Supplementary Figure 19: Trimester 1 systolic blood pressure as a prognostic factor for any onset pre-eclampsia

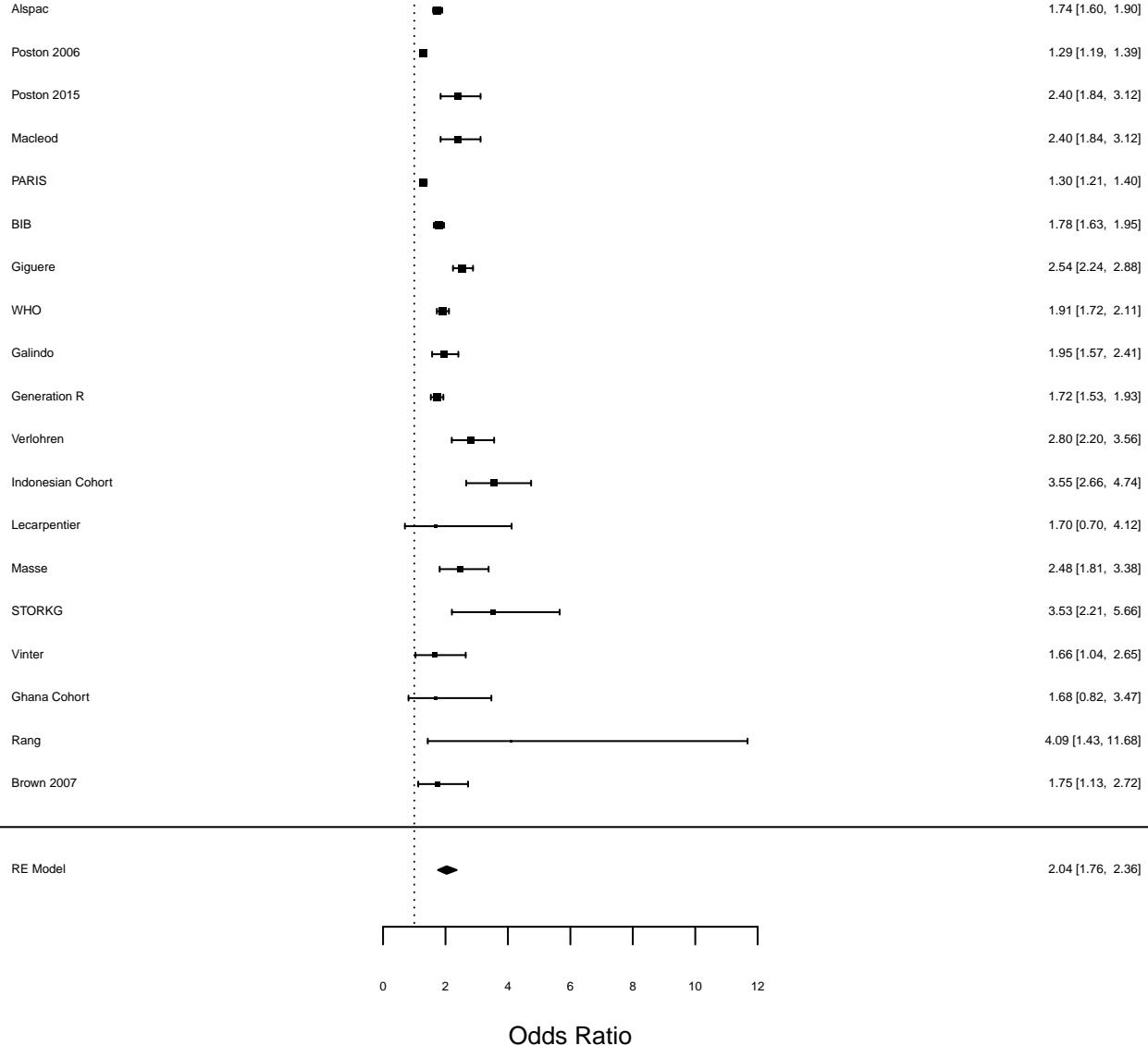
Forest Plot to explore any onset pre-eclampsia with Systolic Blood Pressure Trimester 2



Odds Ratio

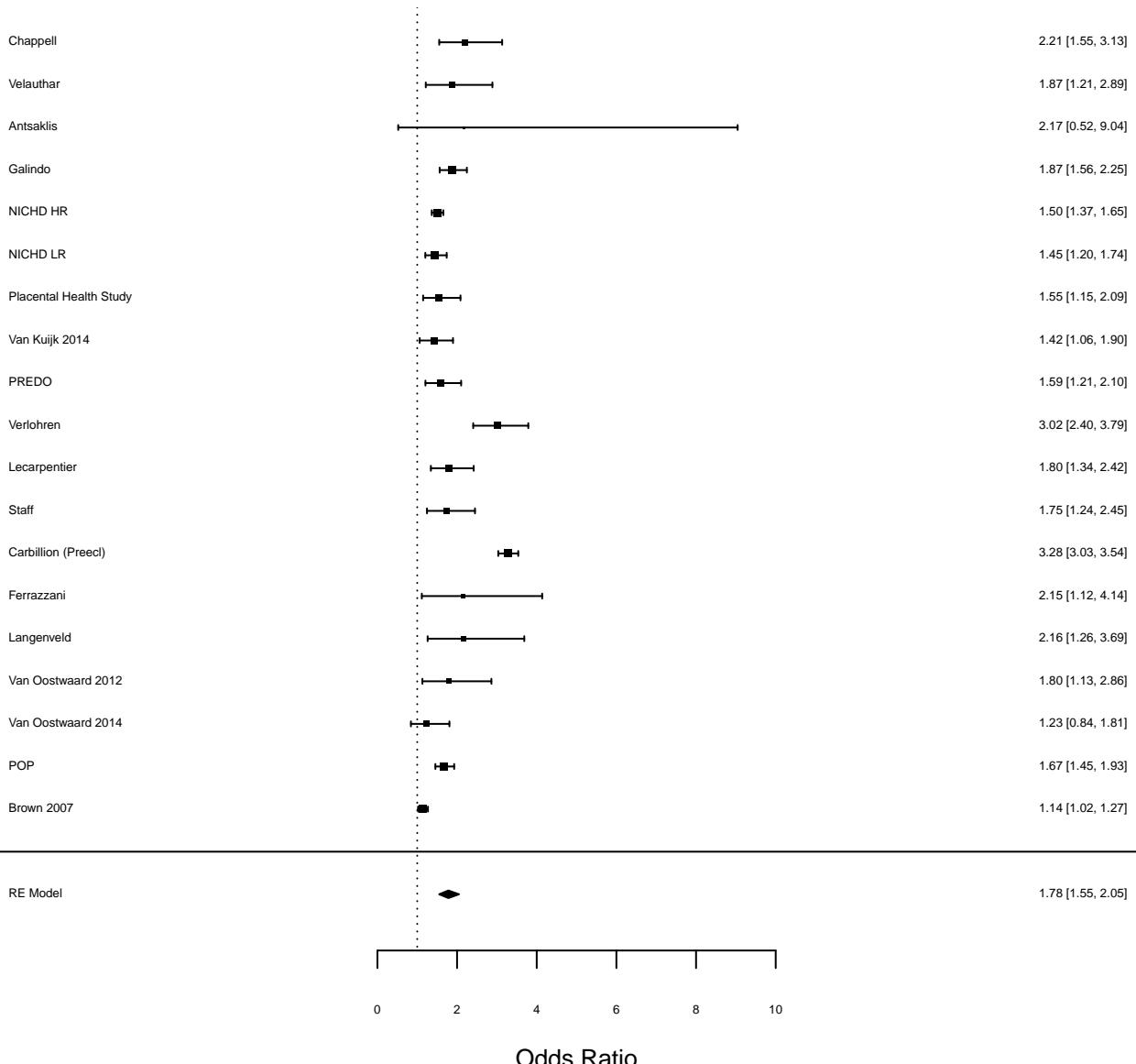
Supplementary Figure 20: Trimester 2 systolic blood pressure as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre-eclampsia with Systolic Blood Pressure Trimester 3



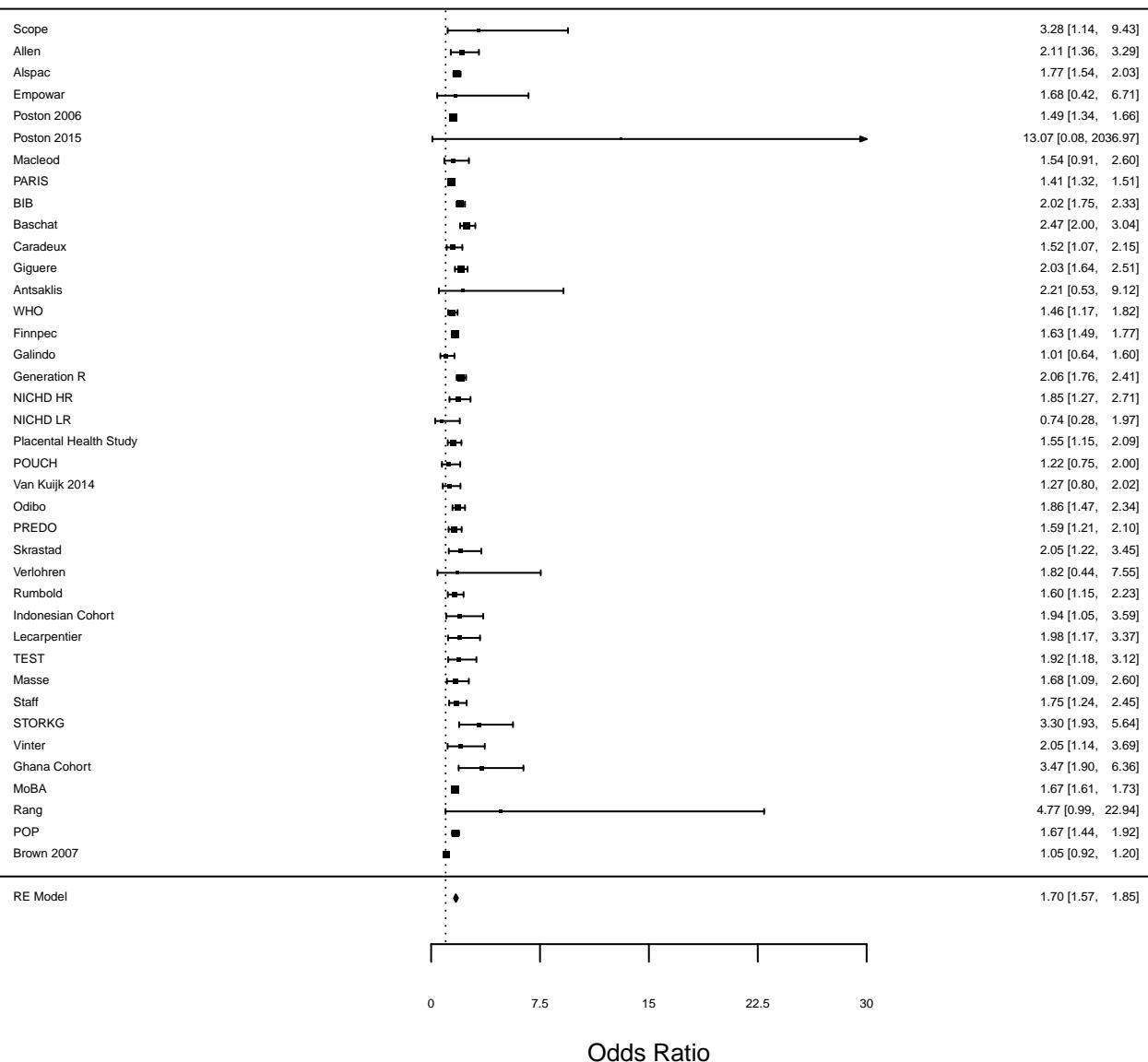
Supplementary Figure 21: Trimester 3 systolic blood pressure as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre–eclampsia with Diastolic Blood Pressure



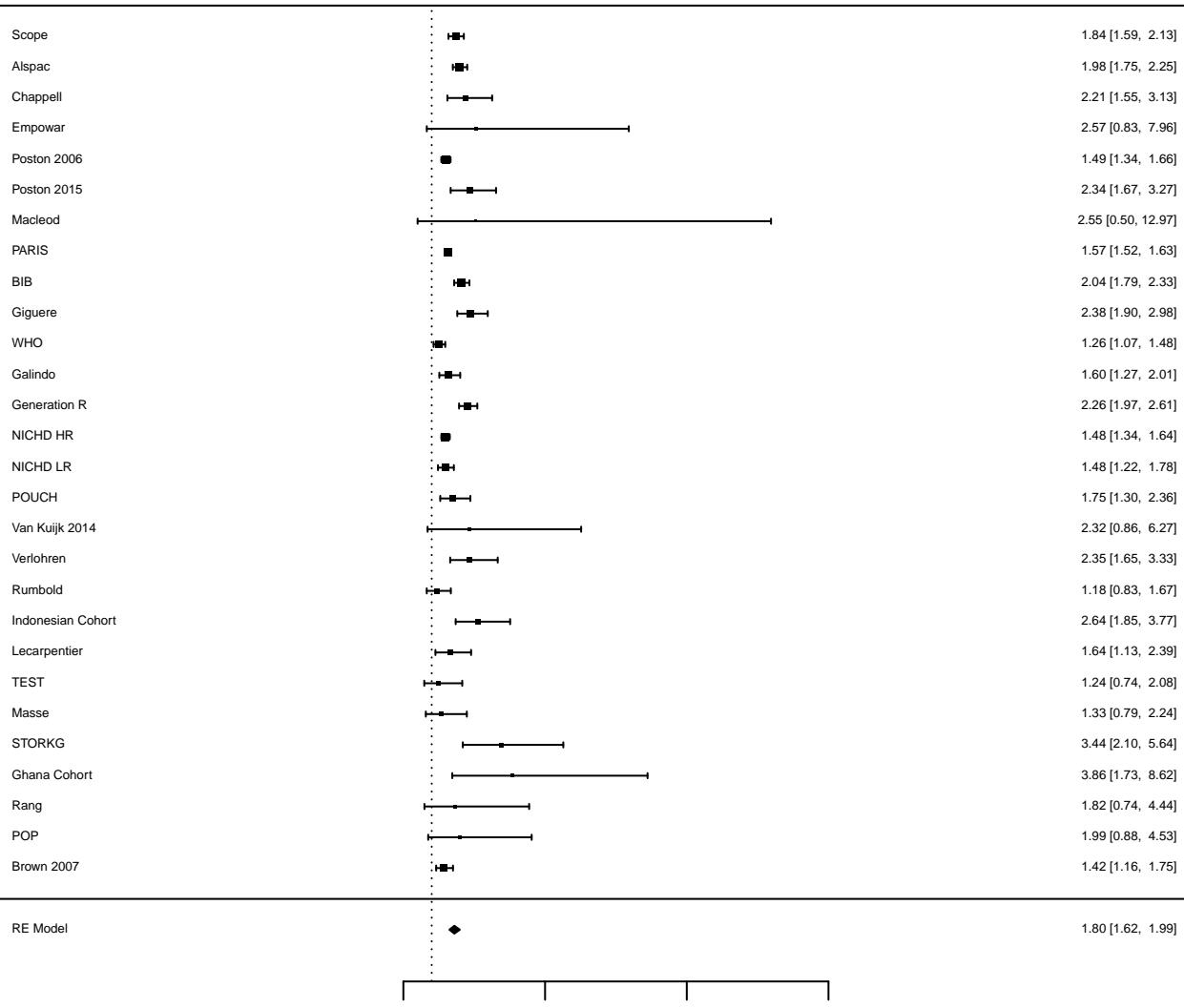
Supplementary Figure 22: Diastolic blood pressure as a prognostic factor for any onset pre–eclampsia

Forest Plot to explore any onset pre-eclampsia with Diastolic Blood Pressure Trimester 1



Supplementary Figure 23: Trimester 1 diastolic blood pressure as a prognostic factor for any onset pre-eclampsia

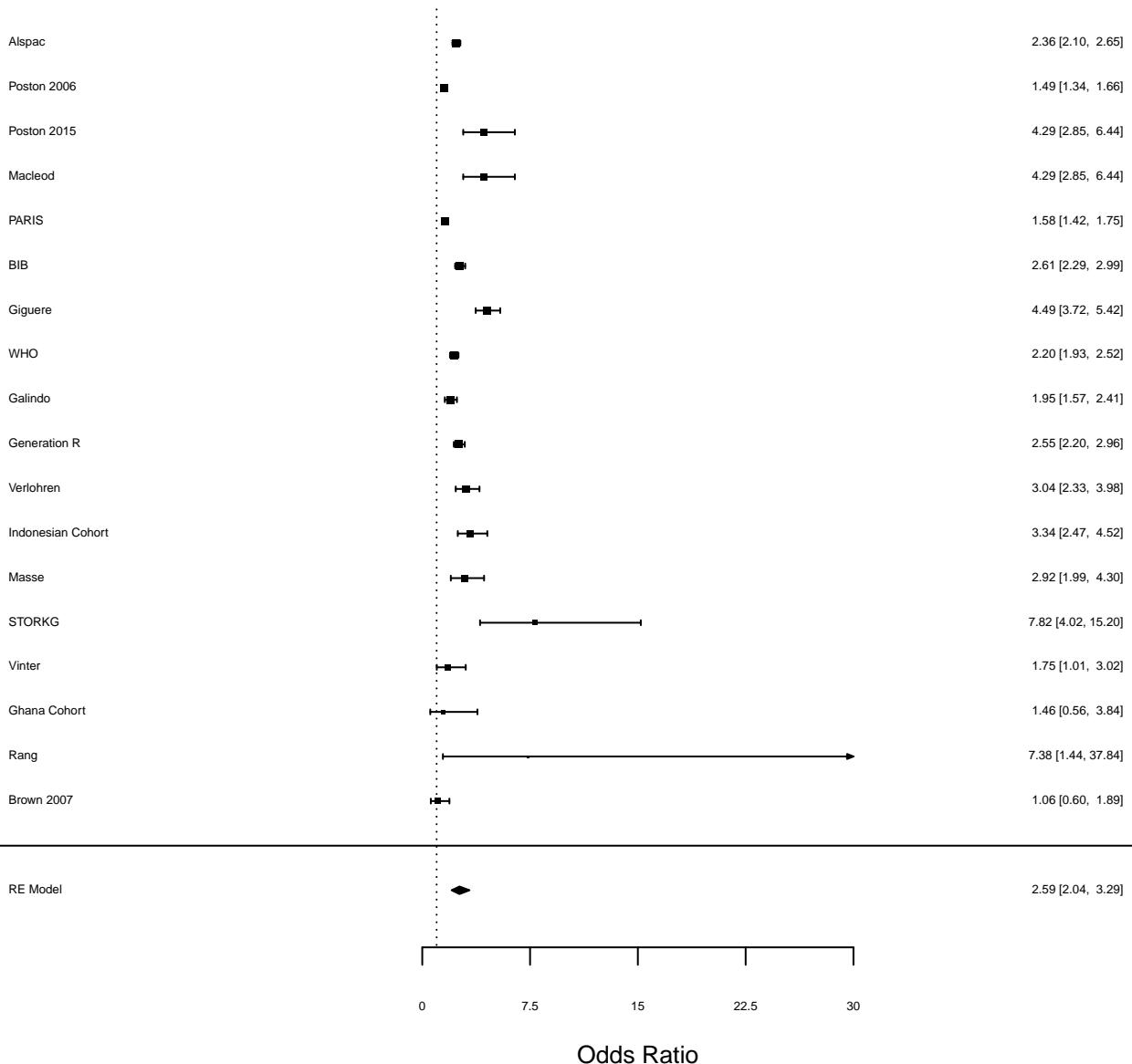
Forest Plot to explore any onset pre-eclampsia with Diastolic Blood Pressure Trimester 2



Odds Ratio

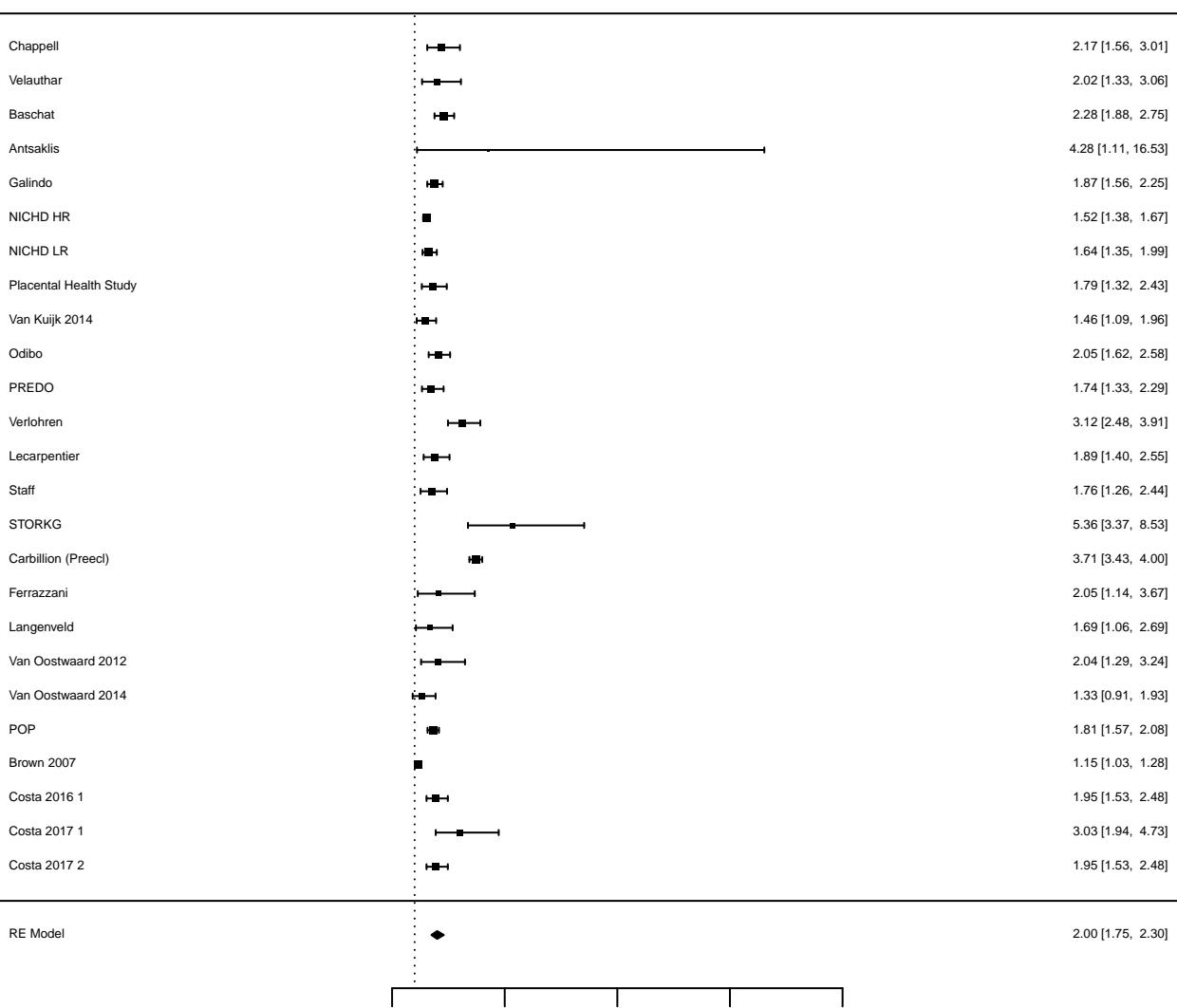
Supplementary Figure 24: Trimester 2 diastolic blood pressure as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre-eclampsia with Diastolic Blood Pressure Trimester 3



Supplementary Figure 25: Trimester 3 diastolic blood pressure as a prognostic factor for any onset pre-eclampsia

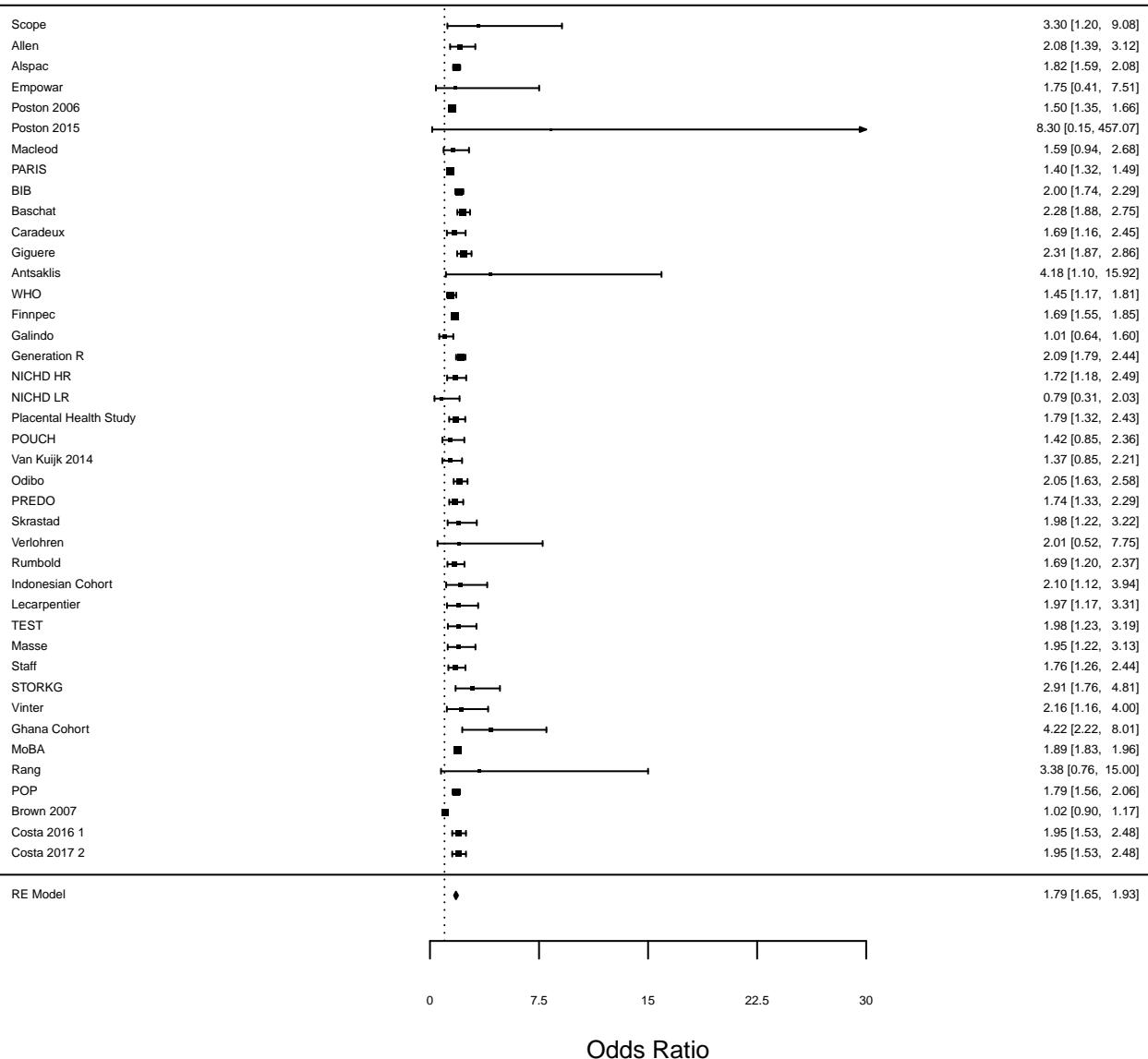
Forest Plot to explore any onset pre–eclampsia with Mean Arterial Pressure



Odds Ratio

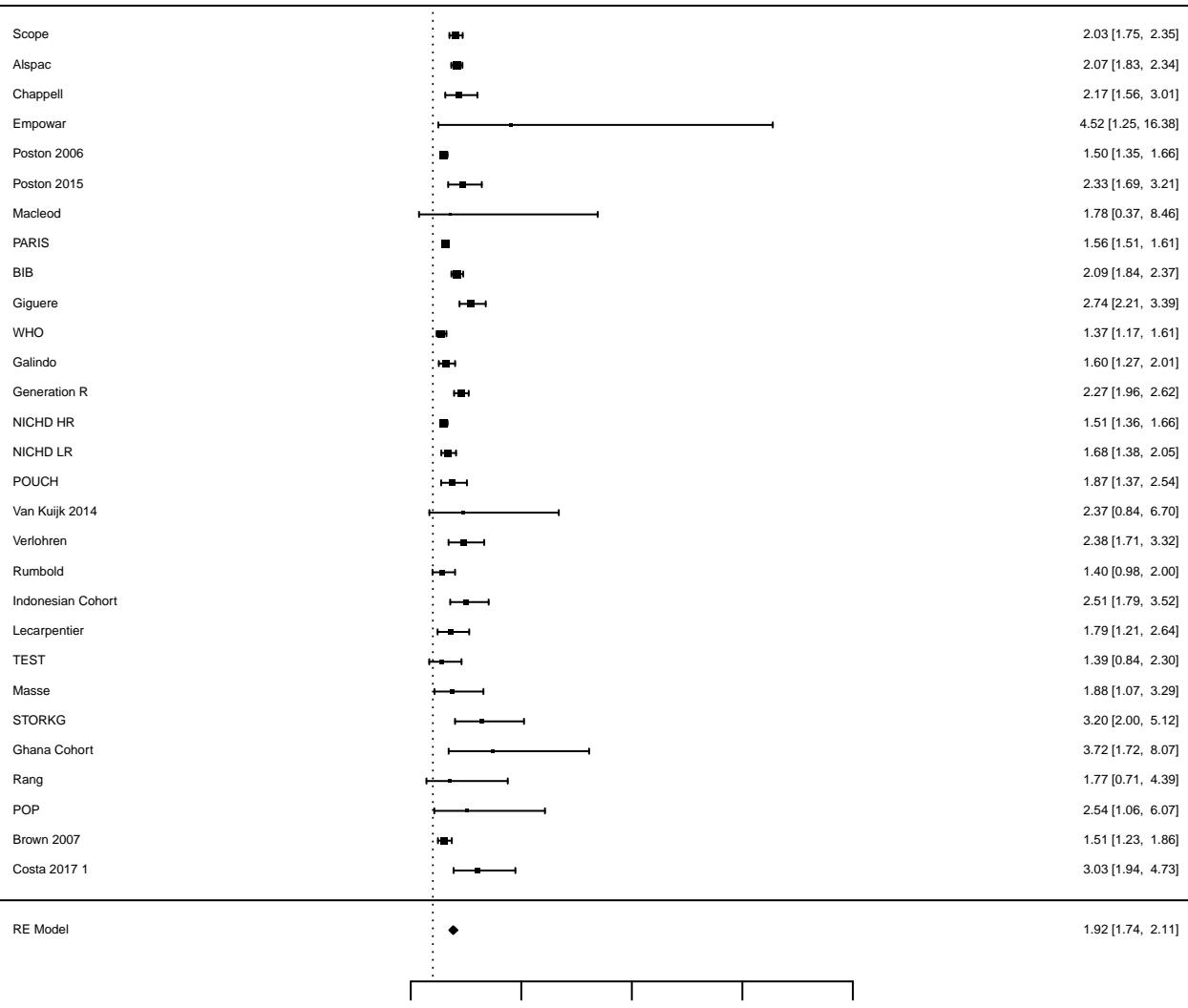
Supplementary Figure 26: Mean arterial pressure as a prognostic factor for any onset pre–eclampsia

Forest Plot to explore any onset pre-eclampsia with Mean Arterial Pressure Trimester 1



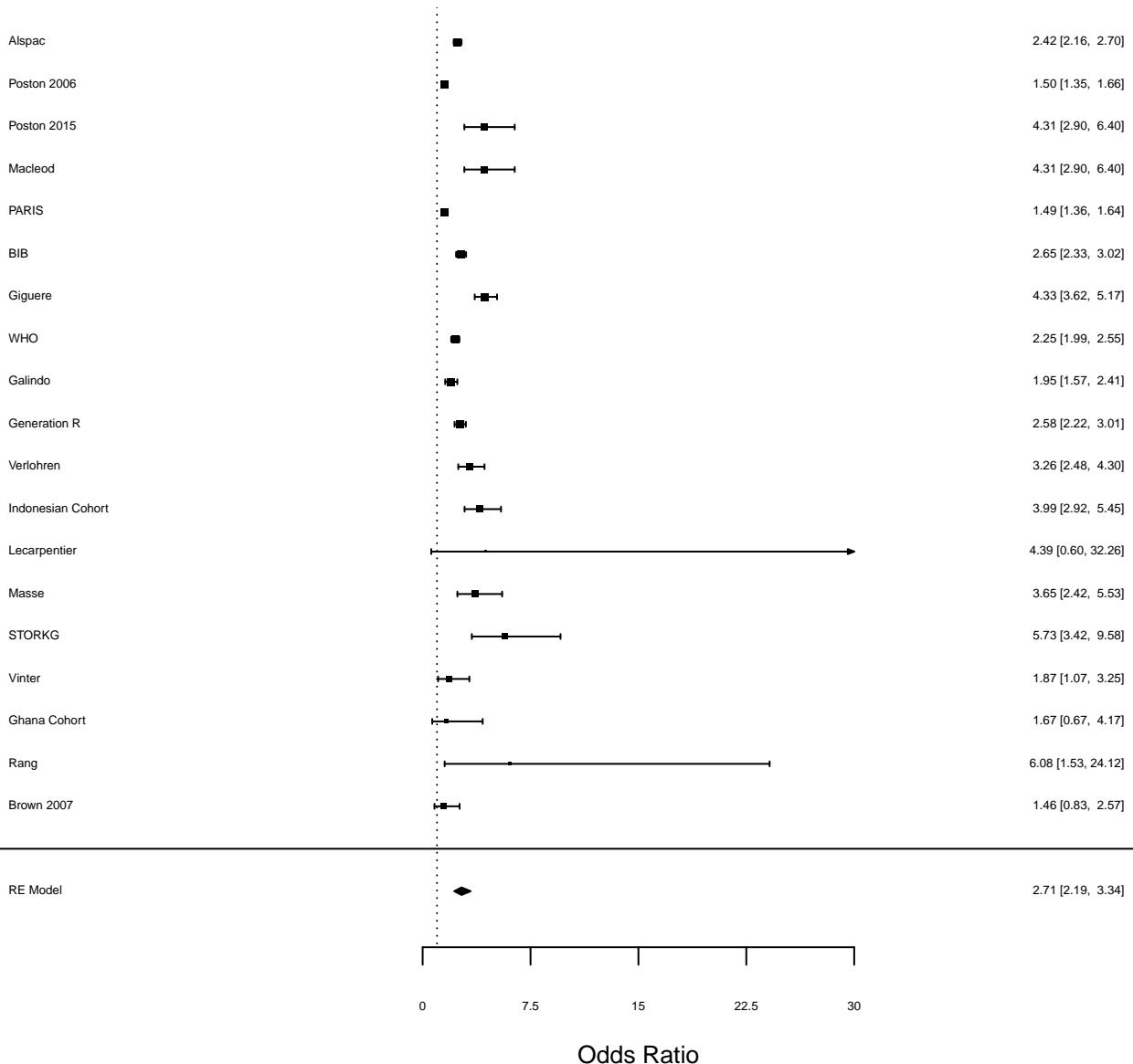
Supplementary Figure 27: Trimester 1 mean arterial pressure as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre-eclampsia with Mean Arterial Pressure Trimester 2



Odds Ratio

Forest Plot to explore any onset pre-eclampsia with Mean Arterial Pressure Trimester 3



Supplementary Figure 29: Trimester 3 mean arterial pressure as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre–eclampsia with Protein Creatine Ratio

Poston 2006

1.00 [1.00, 1.01]

Velauthar

1.02 [1.01, 1.03]

Placental Health Study

1.39 [1.21, 1.60]

RE Model

1.11 [0.72, 1.73]



Odds Ratio

Forest Plot to explore any onset pre-eclampsia with Protein Creatine Ratio Trimester 1

Scope



0.75 [0.34, 1.67]

FE Model



0.75 [0.34, 1.67]



Odds Ratio

Supplementary Figure 31: Trimester 1 protein creatine ratio as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre-eclampsia with Protein Creatine Ratio Trimester 2

Scope



0.98 [0.93, 1.03]

FE Model



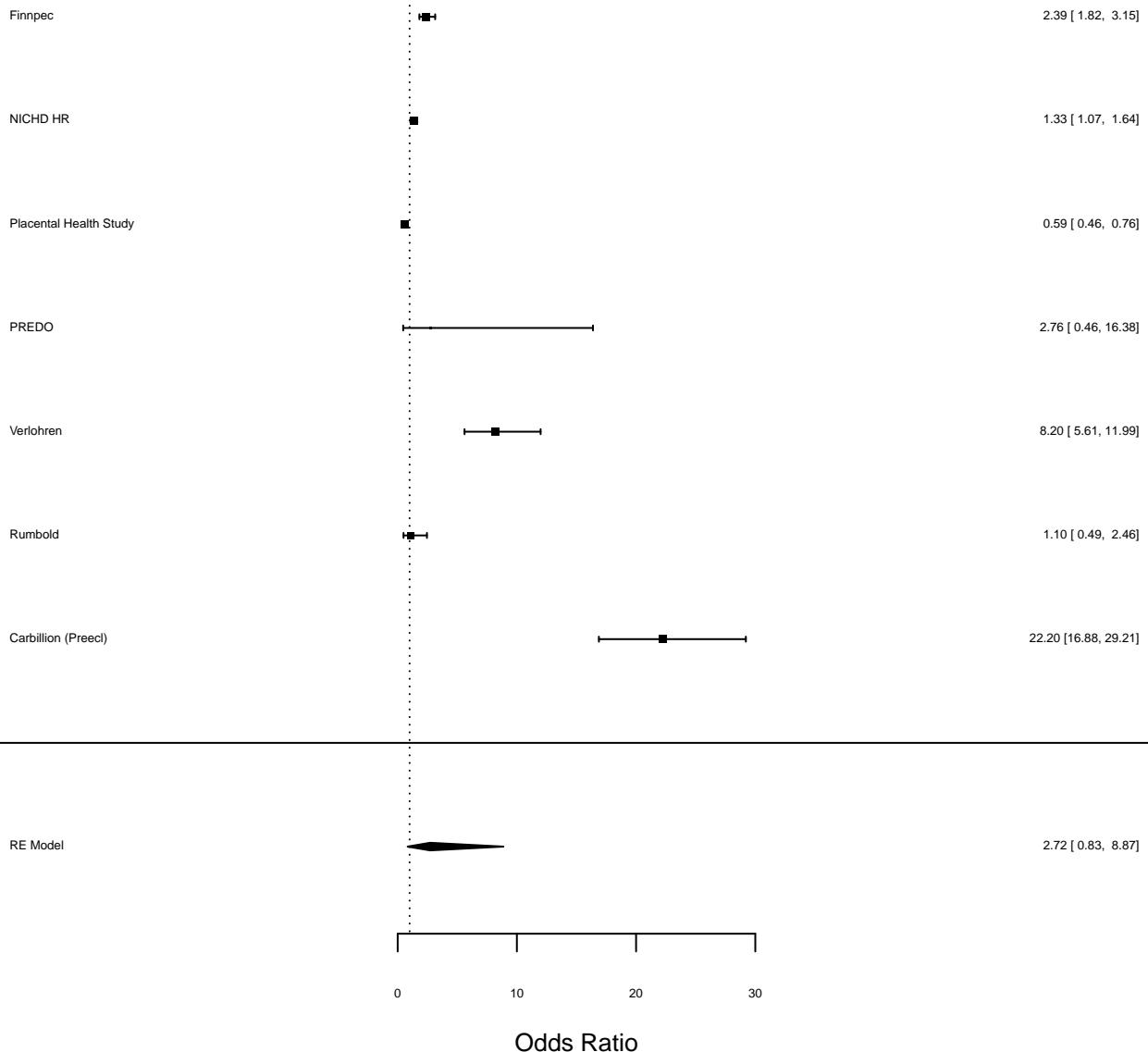
0.98 [0.93, 1.03]



Odds Ratio

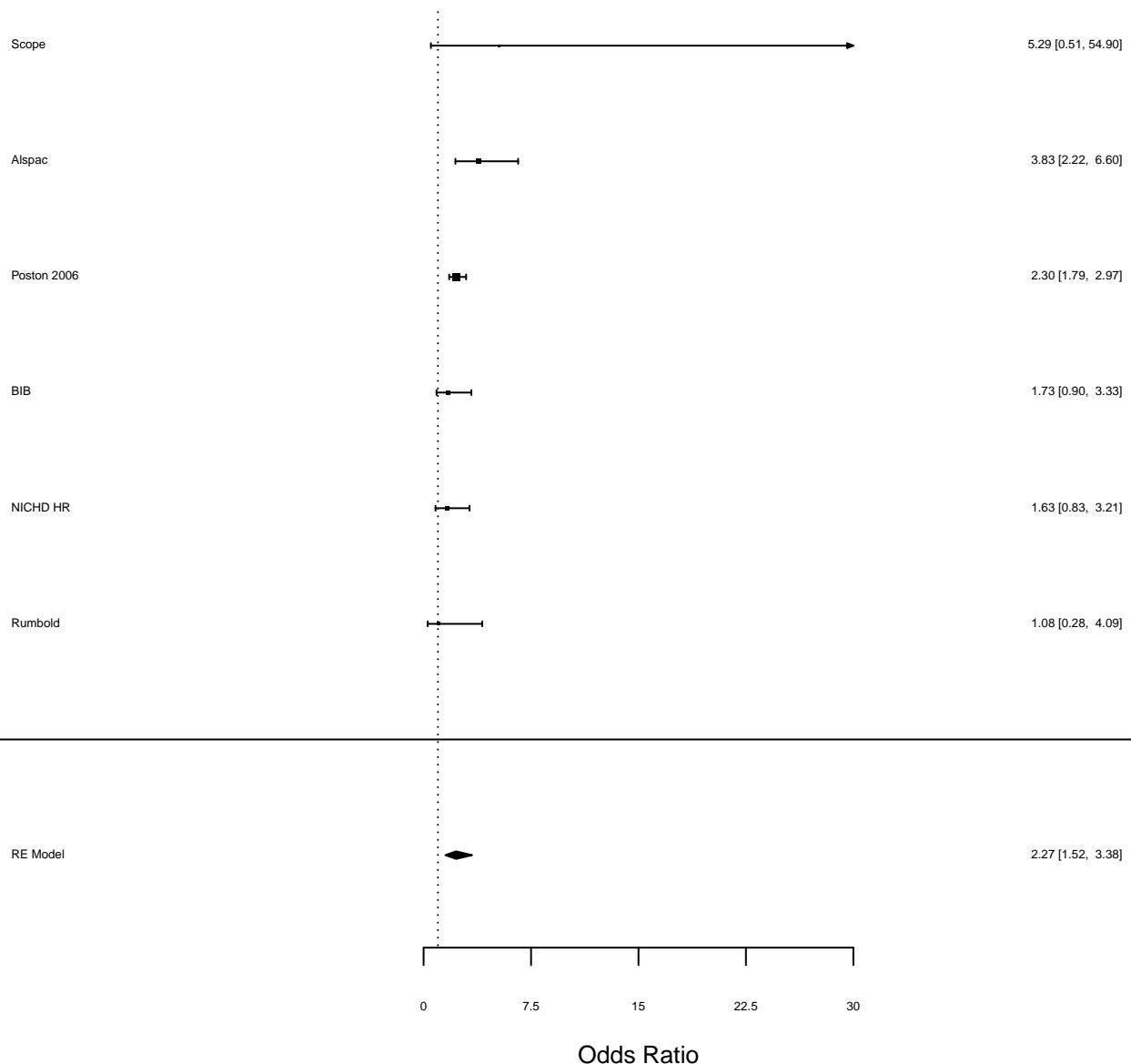
Supplementary Figure 32: Trimester 2 protein creatine ratio as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre-eclampsia with Urine Dipstick



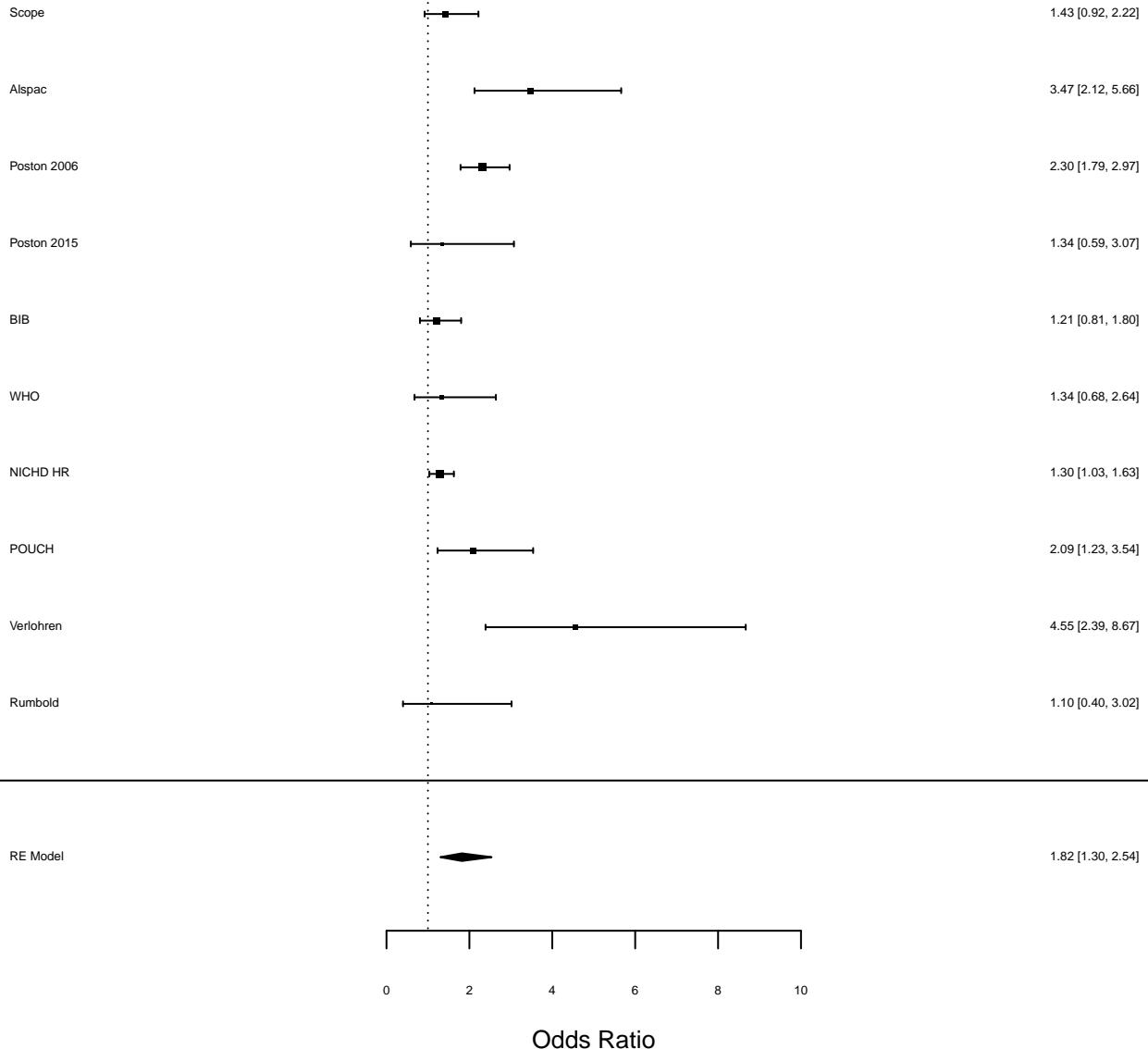
Supplementary Figure 33: Urine dipstick as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre-eclampsia with Urine Dipstick Trimester 1



Supplementary Figure 34: Trimester 1 urine dipstick as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre-eclampsia with Urine Dipstick Trimester 2



Supplementary Figure 35: Trimester 2 urine dipstick as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre-eclampsia with Urine Dipstick Trimester 3

Alspac



5.70 [4.29, 7.57]

Poston 2006



2.30 [1.79, 2.97]

Poston 2015



1.32 [0.59, 2.93]

BIB



2.57 [2.14, 3.08]

WHO



4.12 [3.05, 5.56]

Verloehren

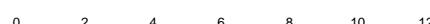


7.52 [4.93, 11.45]

RE Model

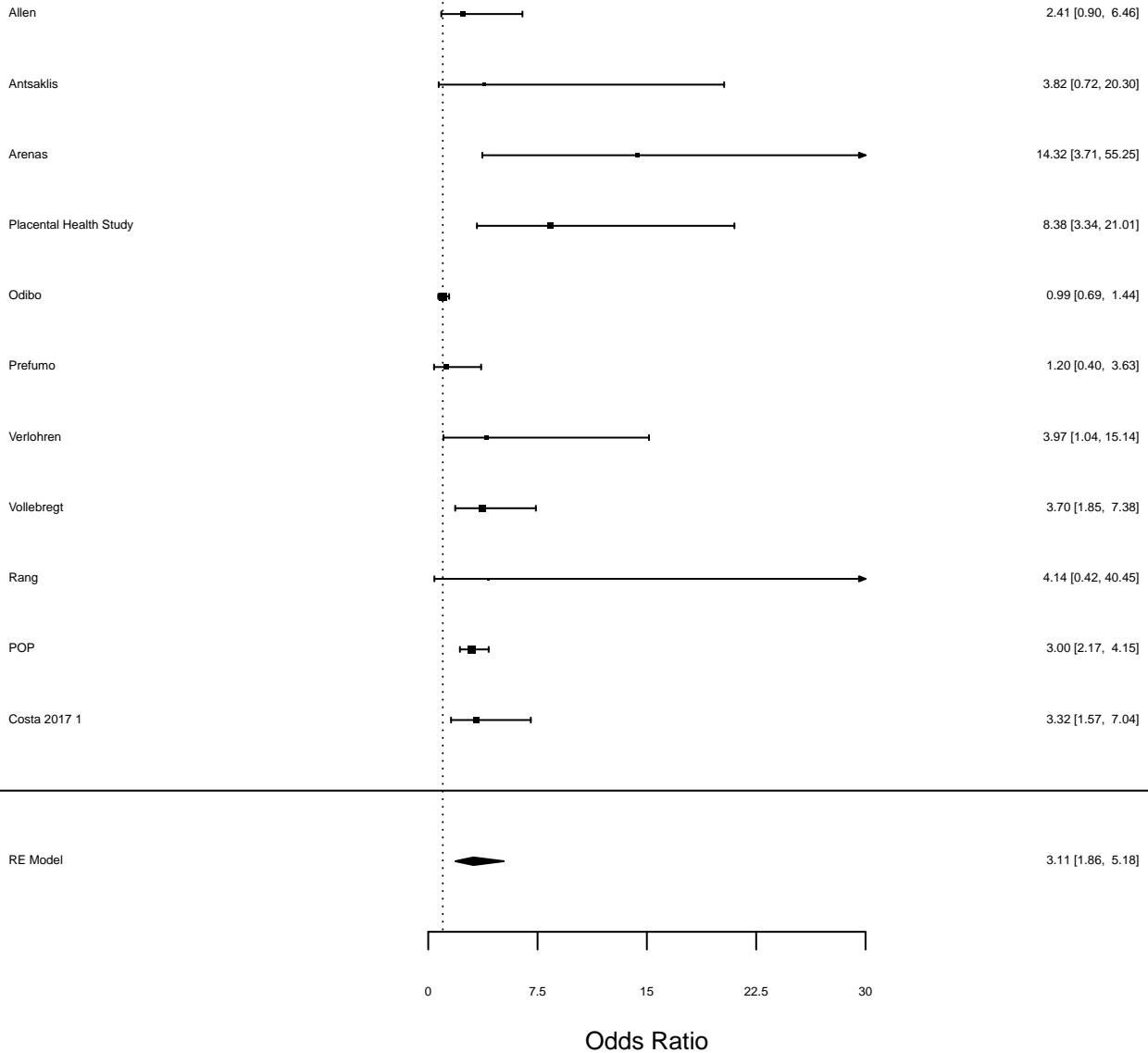


3.46 [1.83, 6.55]



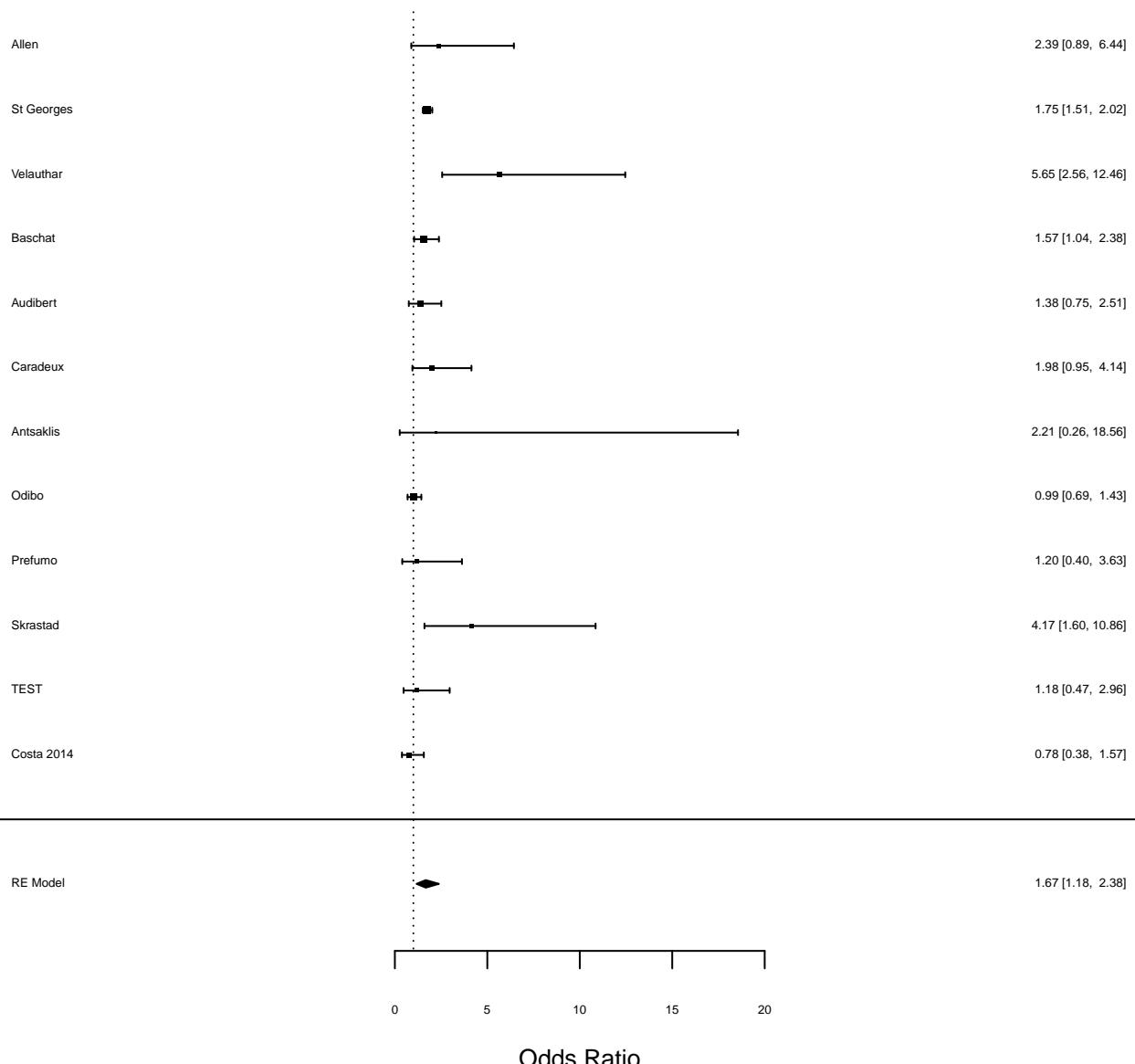
Odds Ratio

Forest Plot to explore any onset pre-eclampsia with Uterine Artery Pulsatility Index



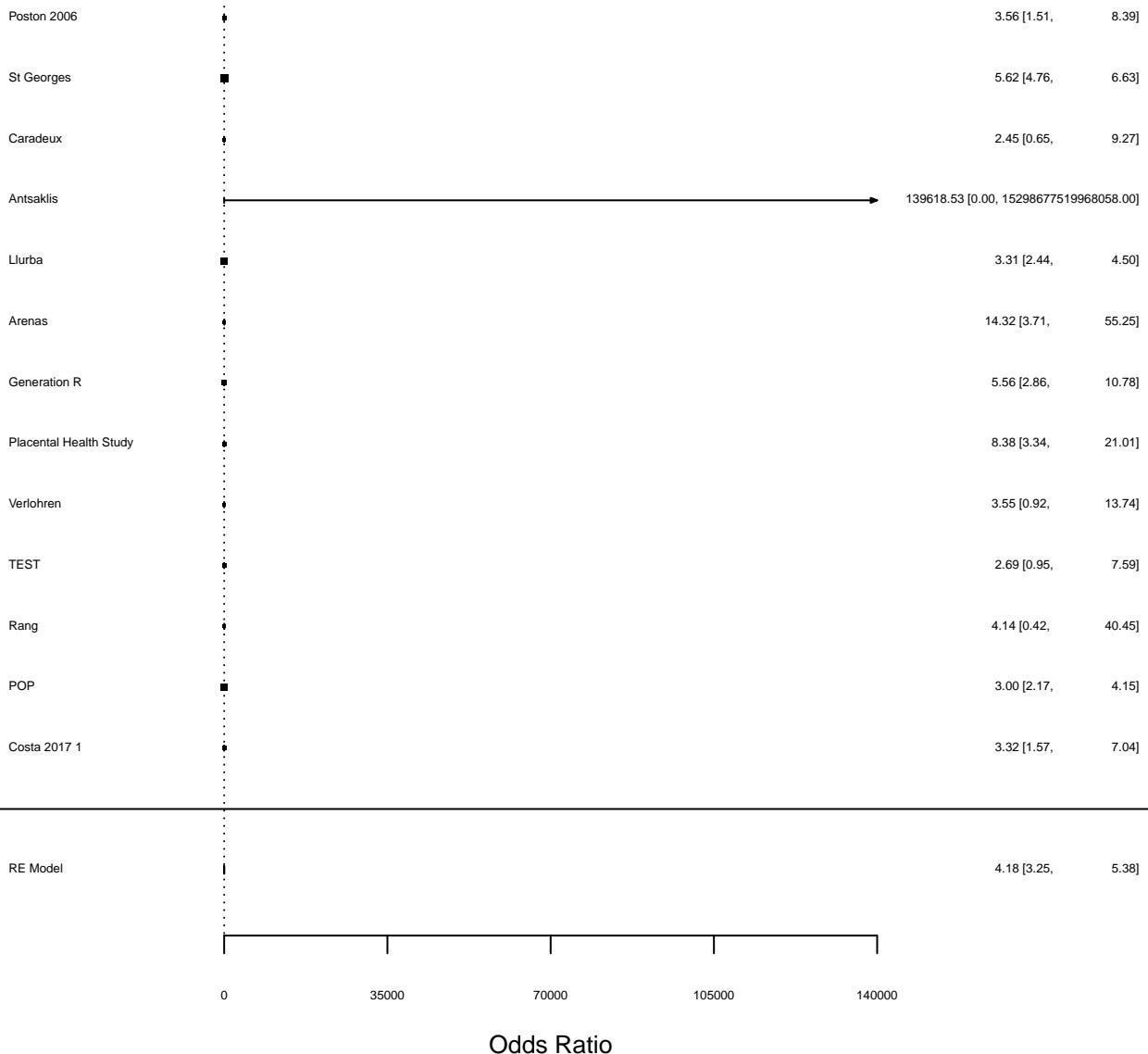
Supplementary Figure 37: Uterine artery pulsatility index as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre-eclampsia with Uterine Artery Pulsatility Index Trimester 1



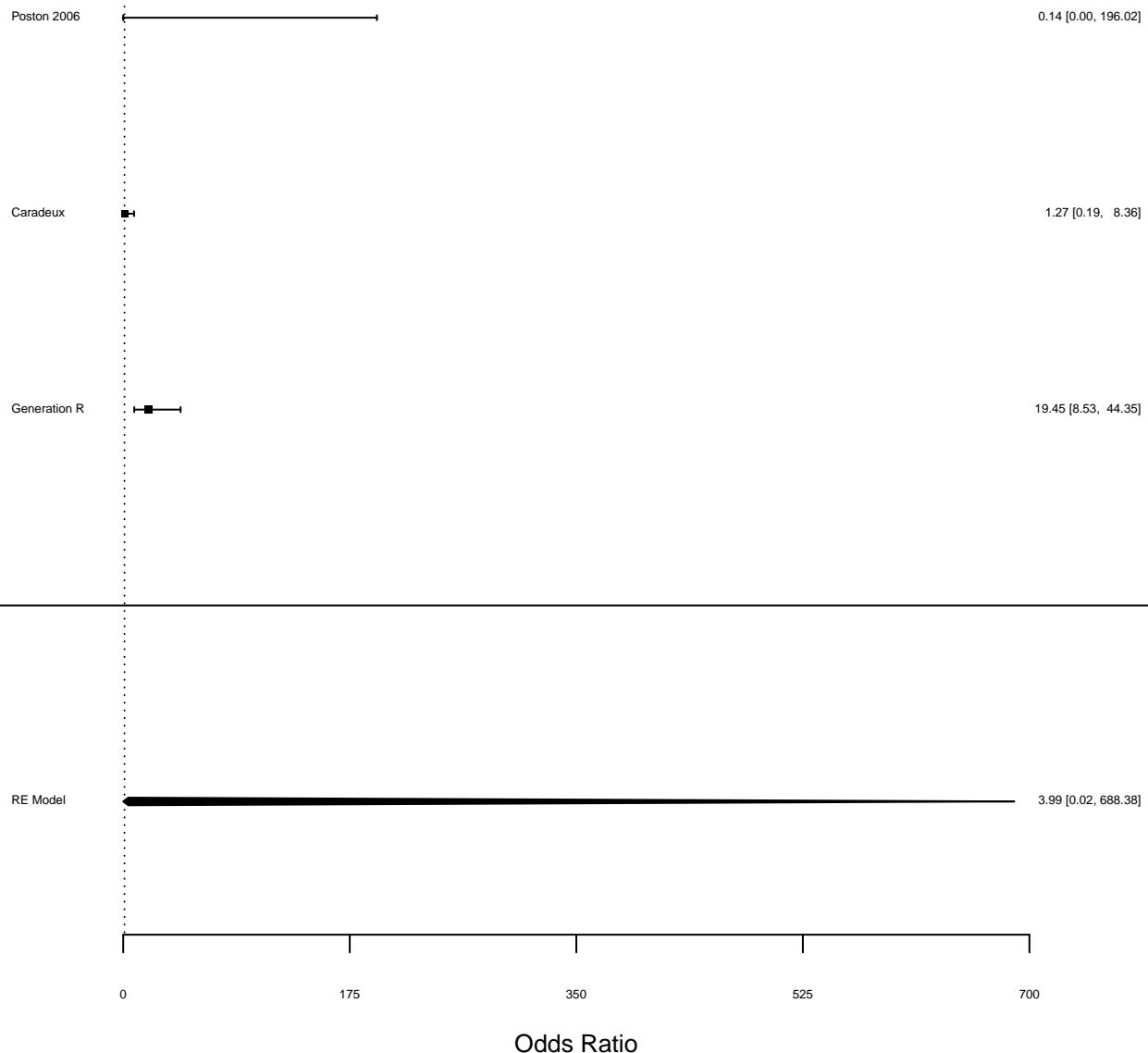
Supplementary Figure 38: Trimester 1 uterine artery pulsatility index as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre-eclampsia with Uterine Artery Pulsatility Index Trimester 2



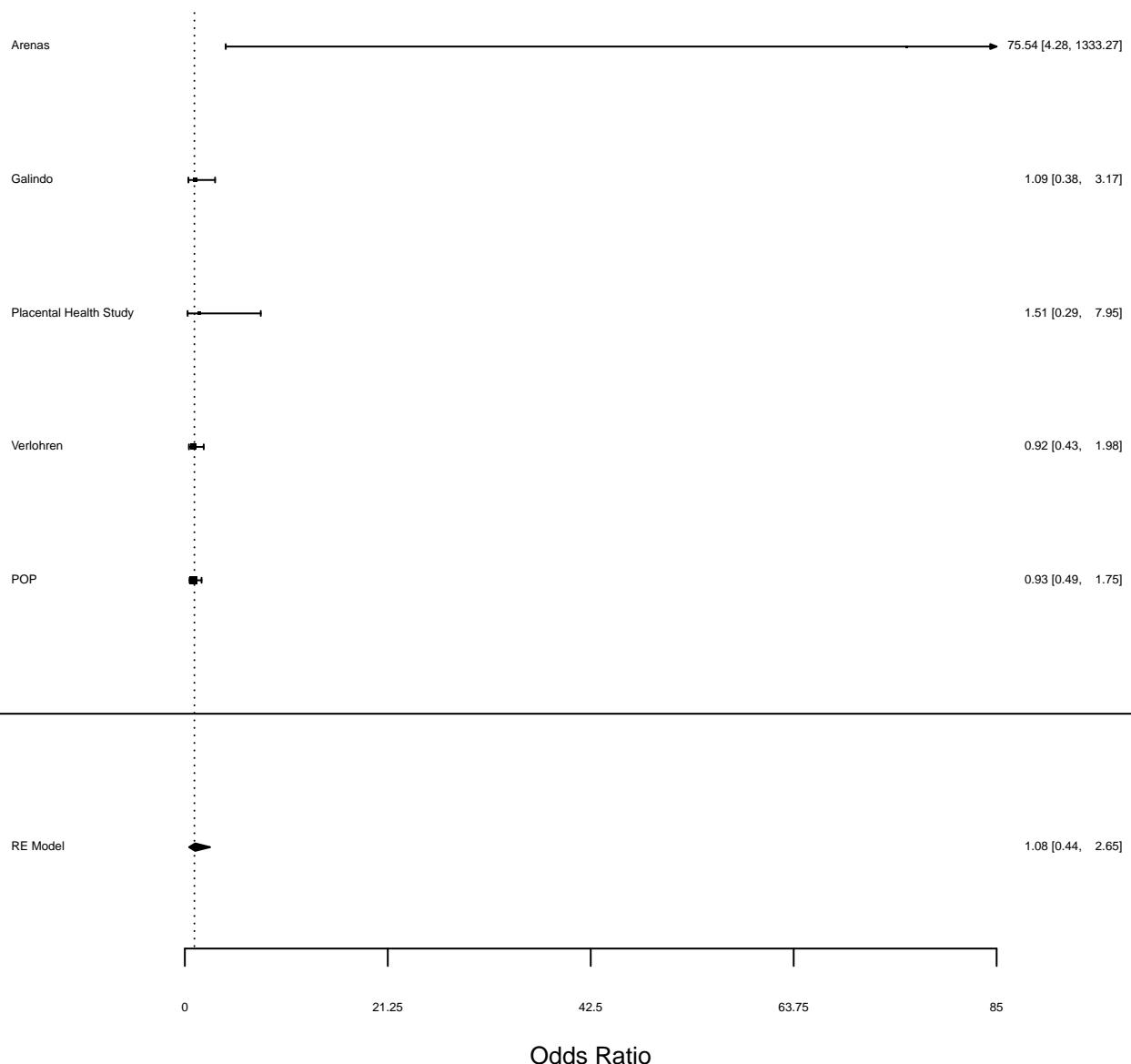
Supplementary Figure 39: Trimester 2 uterine artery pulsatility index as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre-eclampsia with Uterine Artery Pulsatility Index Trimester 3



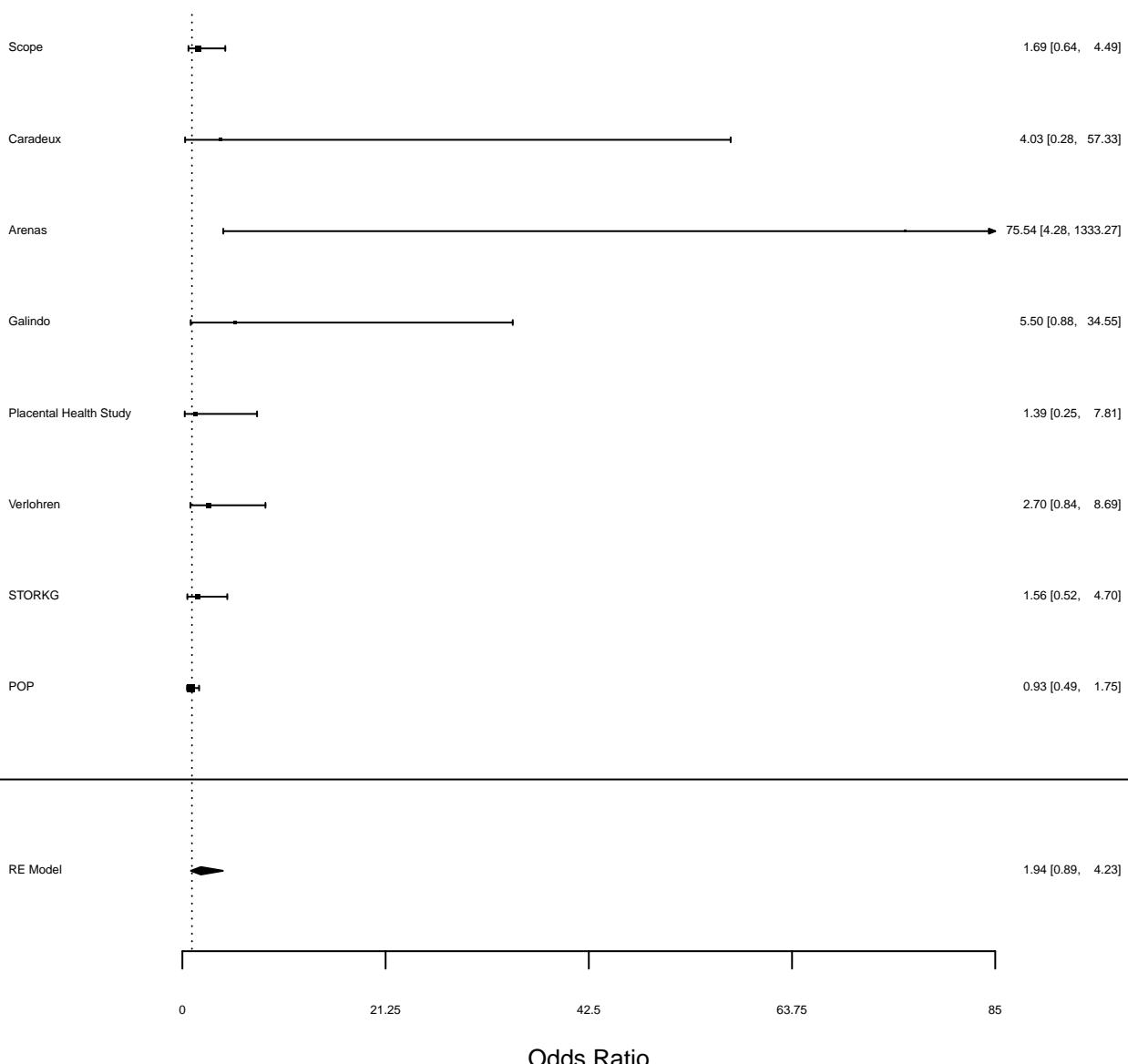
Supplementary Figure 40: Trimester 3 uterine artery pulsatility index as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre-eclampsia with Umbilical Artery Pulsatility Index



Supplementary Figure 41: Umbilical artery pulsatility index as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre–eclampsia with Umbilical Artery Pulsatility Index Trimester 2



Supplementary Figure 42: Trimester 2 umbilical artery pulsatility index as a prognostic factor for any onset pre–eclampsia

Forest Plot to explore any onset pre–eclampsia with Umbilical Artery Pulsatility Index Trimester 3

MacLeod



6.17 [0.84, 45.36]

Caradeux



0.53 [0.05, 5.95]

Galindo



1.34 [0.38, 4.73]

Verlorenh



0.73 [0.26, 2.06]

STORKG



4.19 [1.00, 17.58]

RE Model



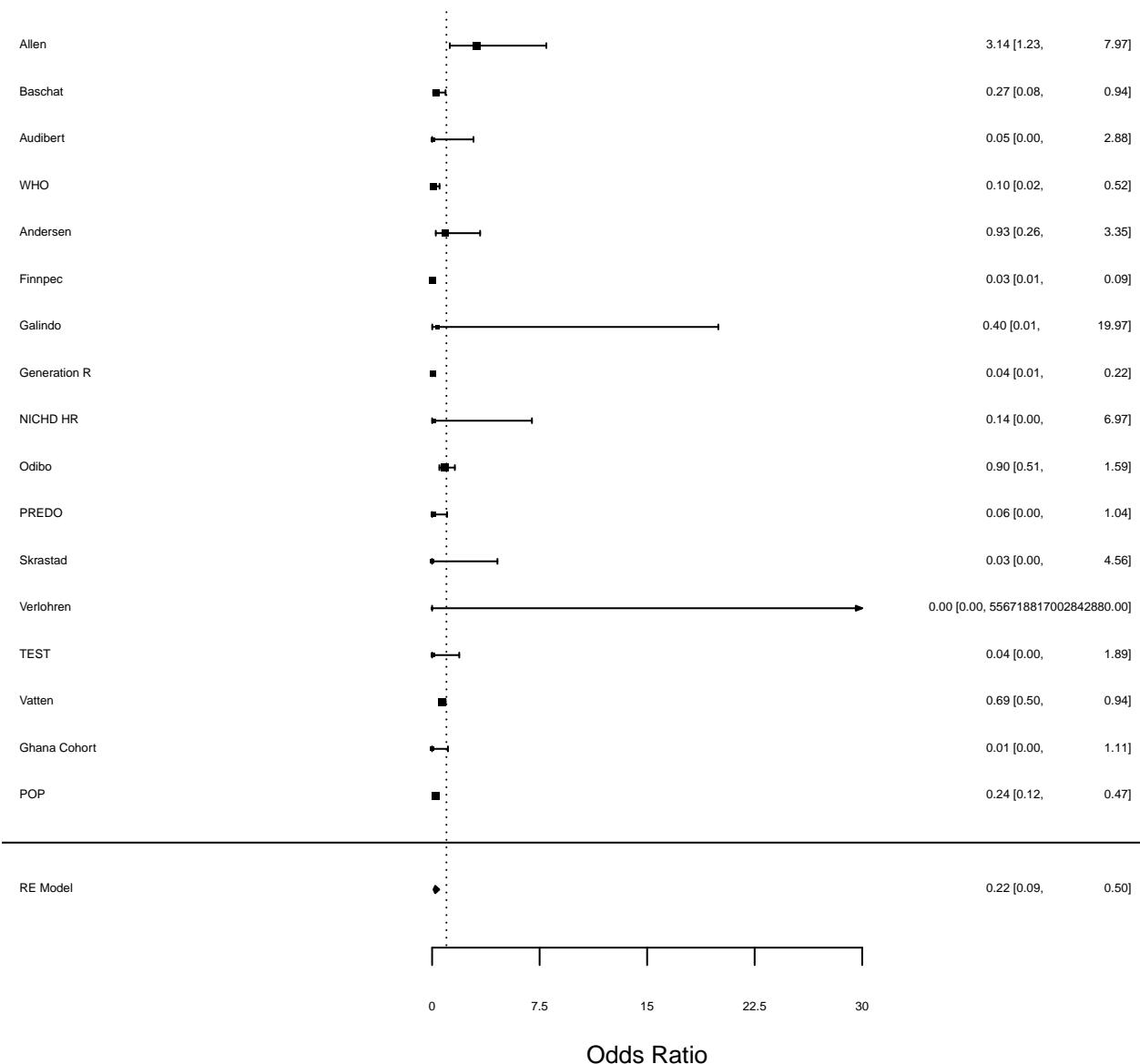
1.60 [0.48, 5.38]



Odds Ratio

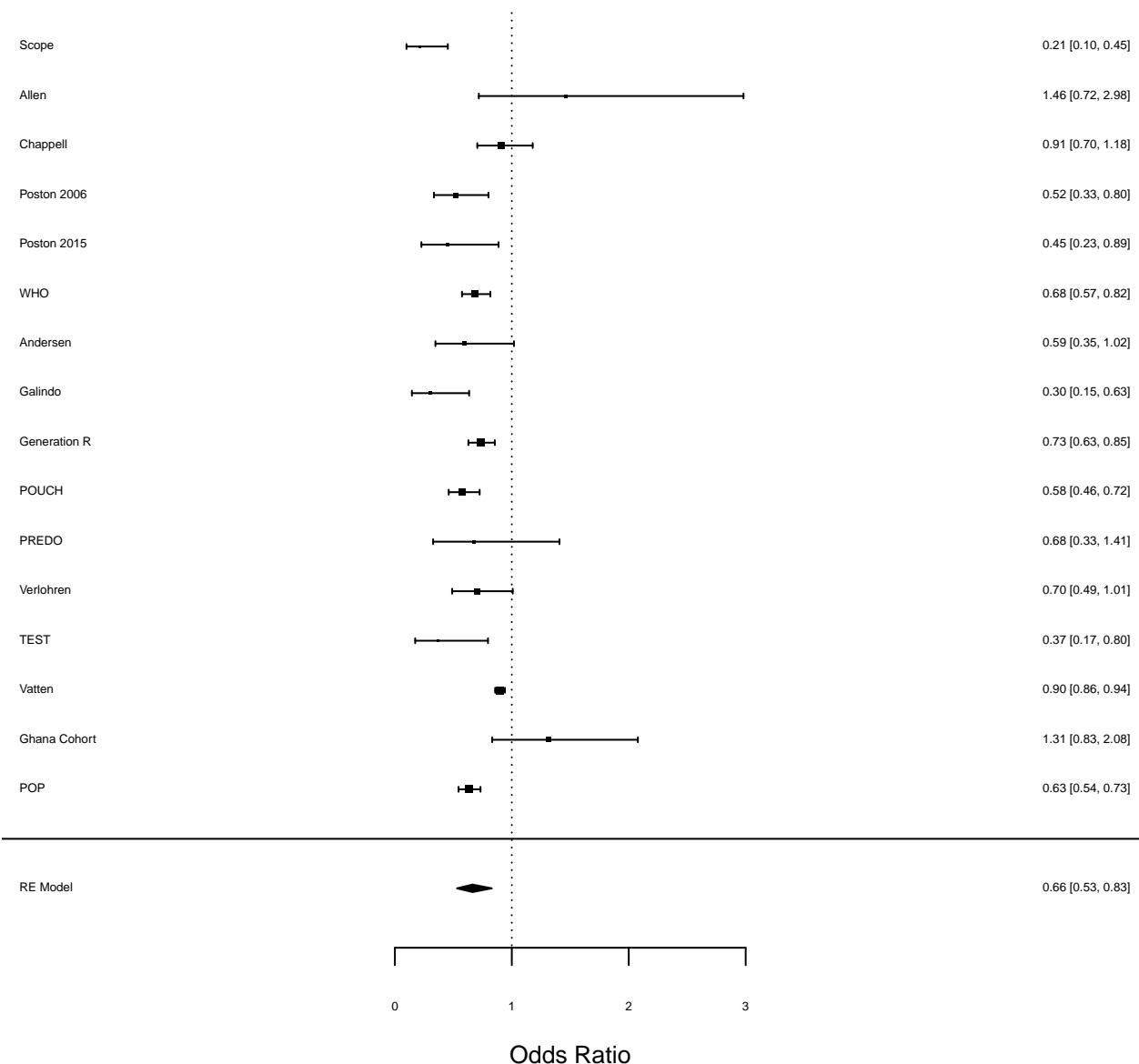
Supplementary Figure 43: Trimester 3 umbilical artery pulsatility index as a prognostic factor for any onset pre–eclampsia

Forest Plot to explore any onset pre-eclampsia with Placental Growth Factor Trimester 1



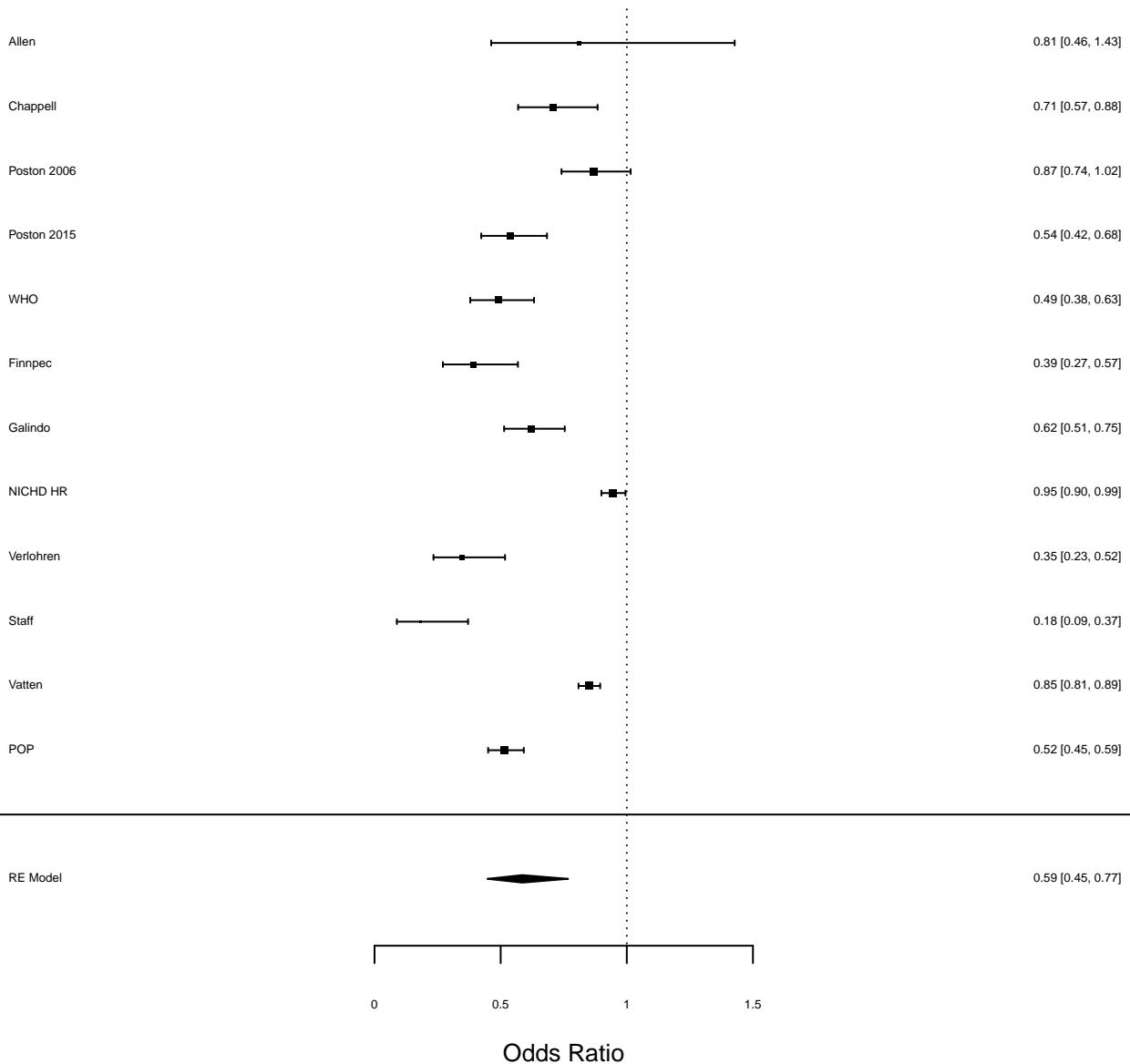
Supplementary Figure 44: Trimester 1 placental growth factor as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre-eclampsia with Placental Growth Factor Trimester 2



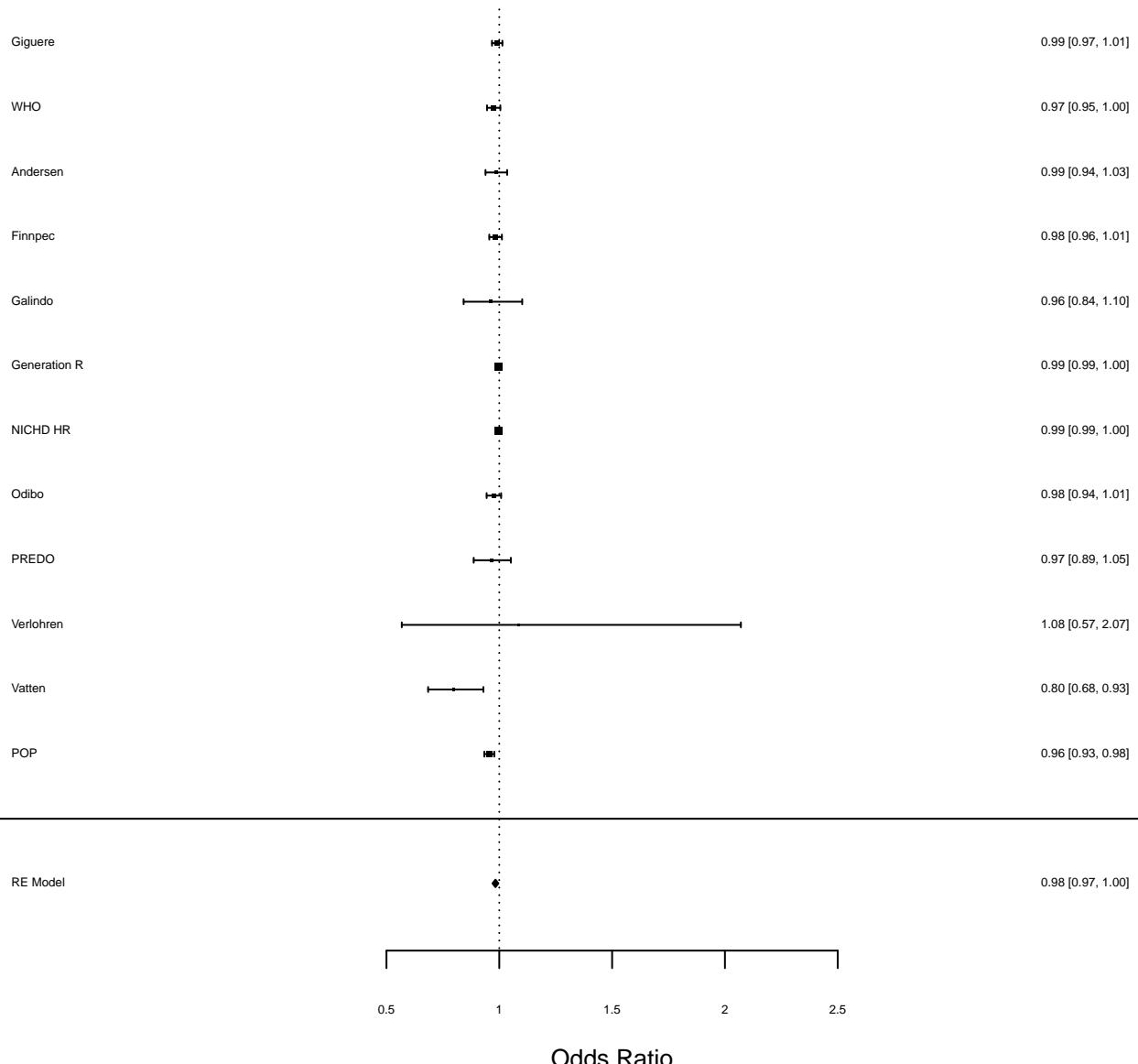
Supplementary Figure 45: Trimester 2 placental growth factor as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre-eclampsia with Placental Growth Factor Trimester 3



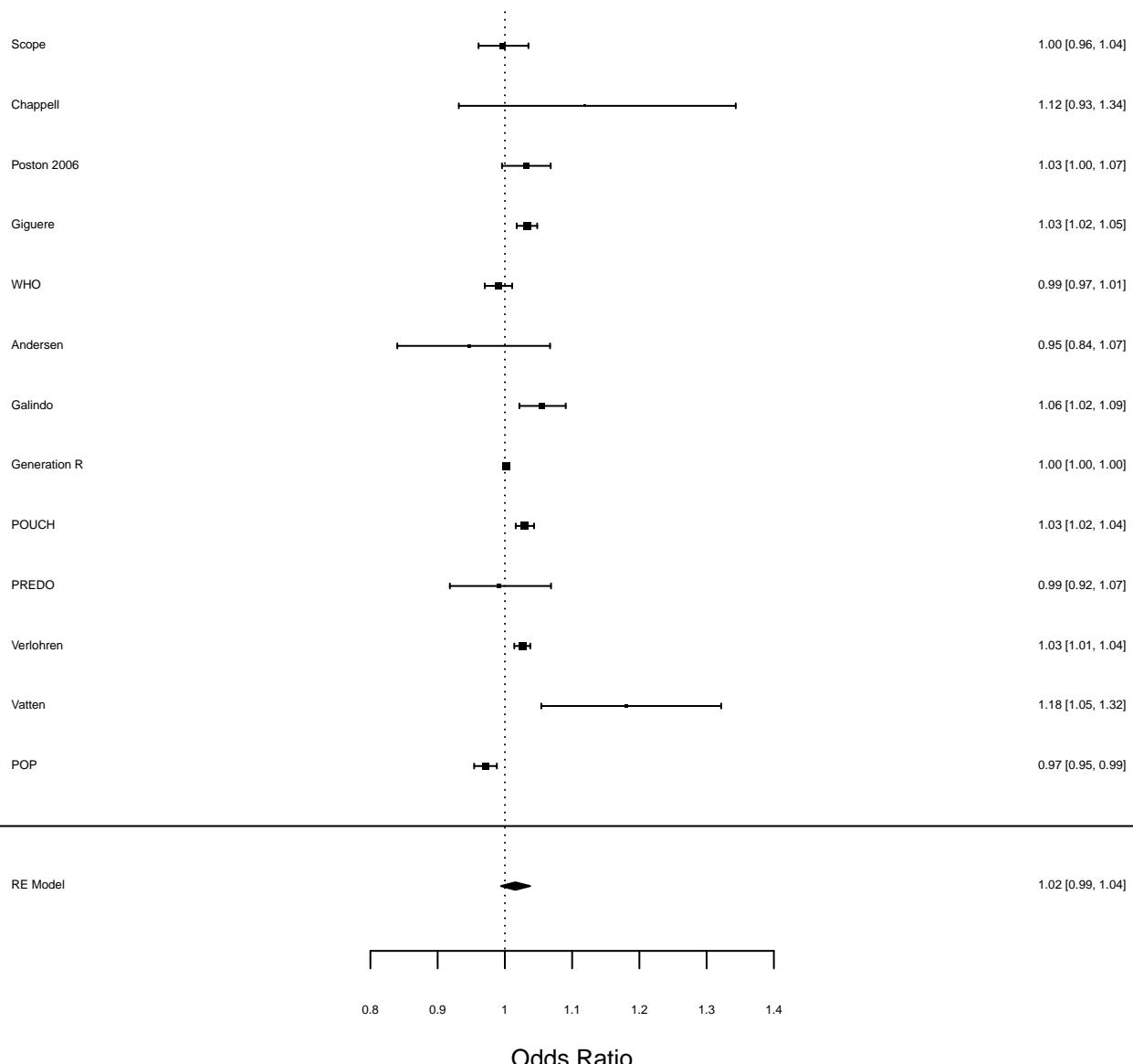
Supplementary Figure 46: Trimester 3 placental growth factor as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre-eclampsia with Soluble fms-like Tyrosine Kinase One Trimester 1



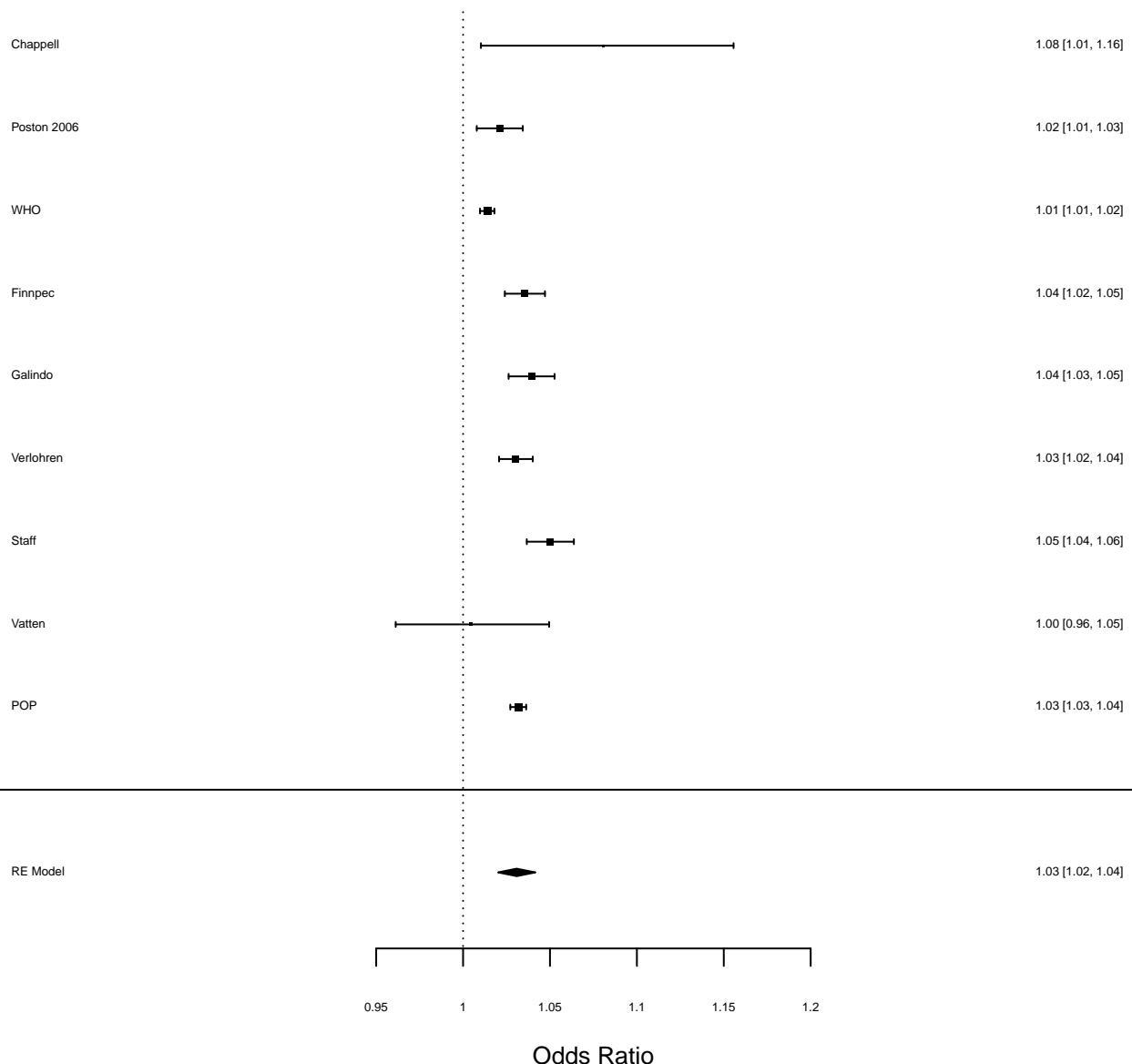
Supplementary Figure 47: Trimester 1 soluble fms-like tyrosine kinase one as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre-eclampsia with Soluble fms-like Tyrosine Kinase One Trimester 2



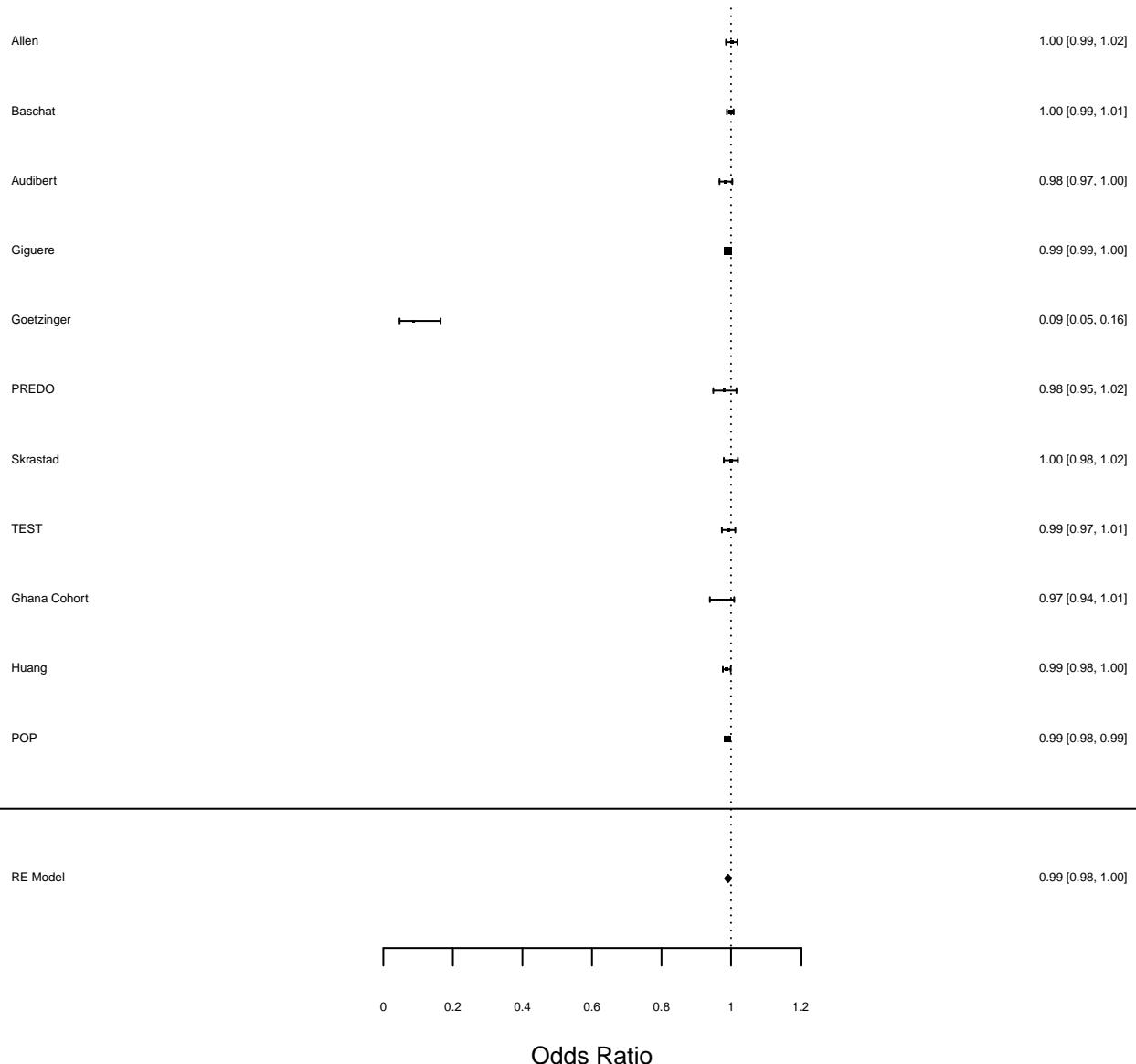
Supplementary Figure 48: Trimester 2 soluble fms-like tyrosine kinase one as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre-eclampsia with Soluble fms-like Tyrosine Kinase One Trimester 3



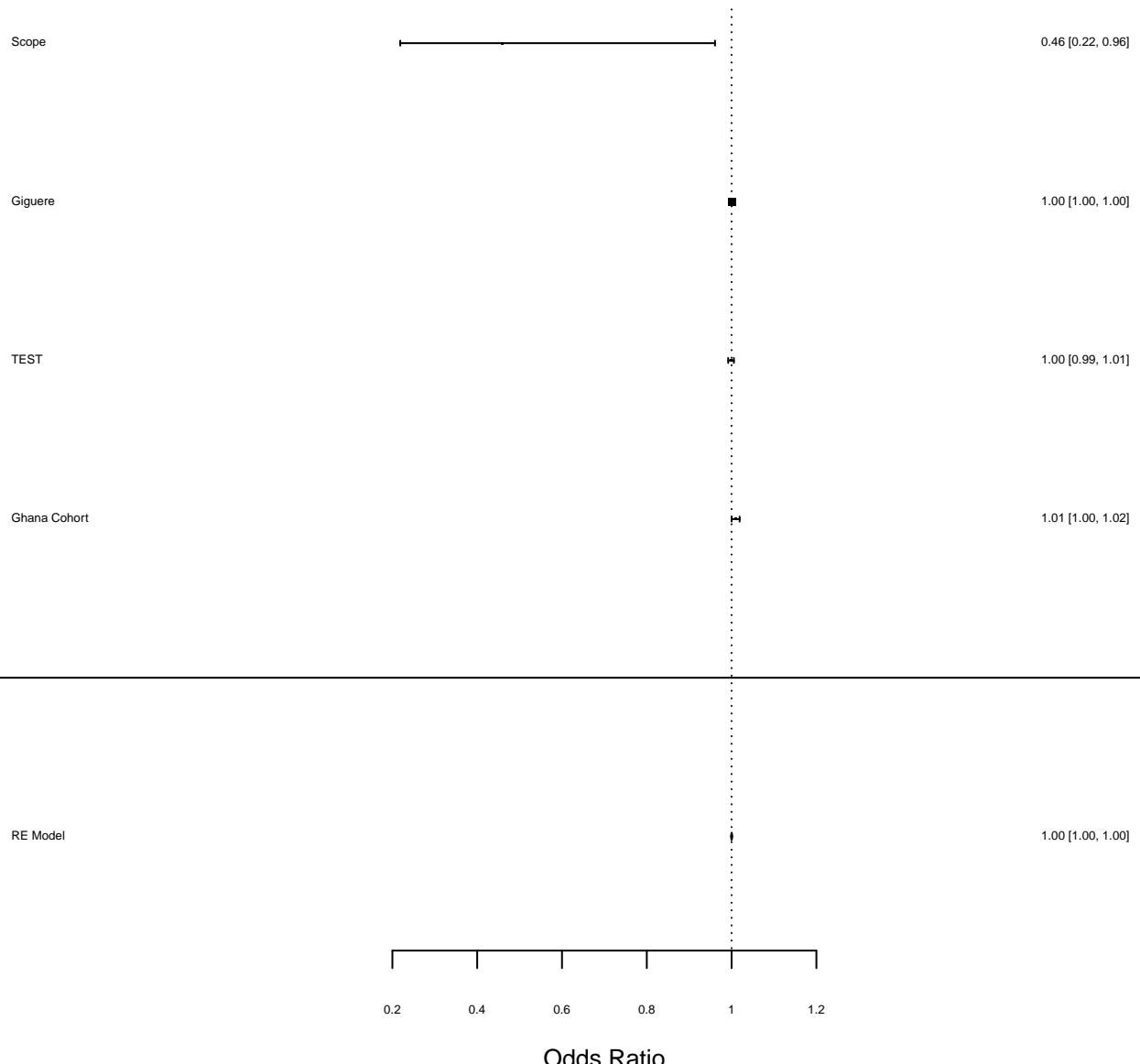
Supplementary Figure 49: Trimester 3 soluble fms-like tyrosine kinase one as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre-eclampsia with Pregnancy Associated Plasma Protein A Trimester 1



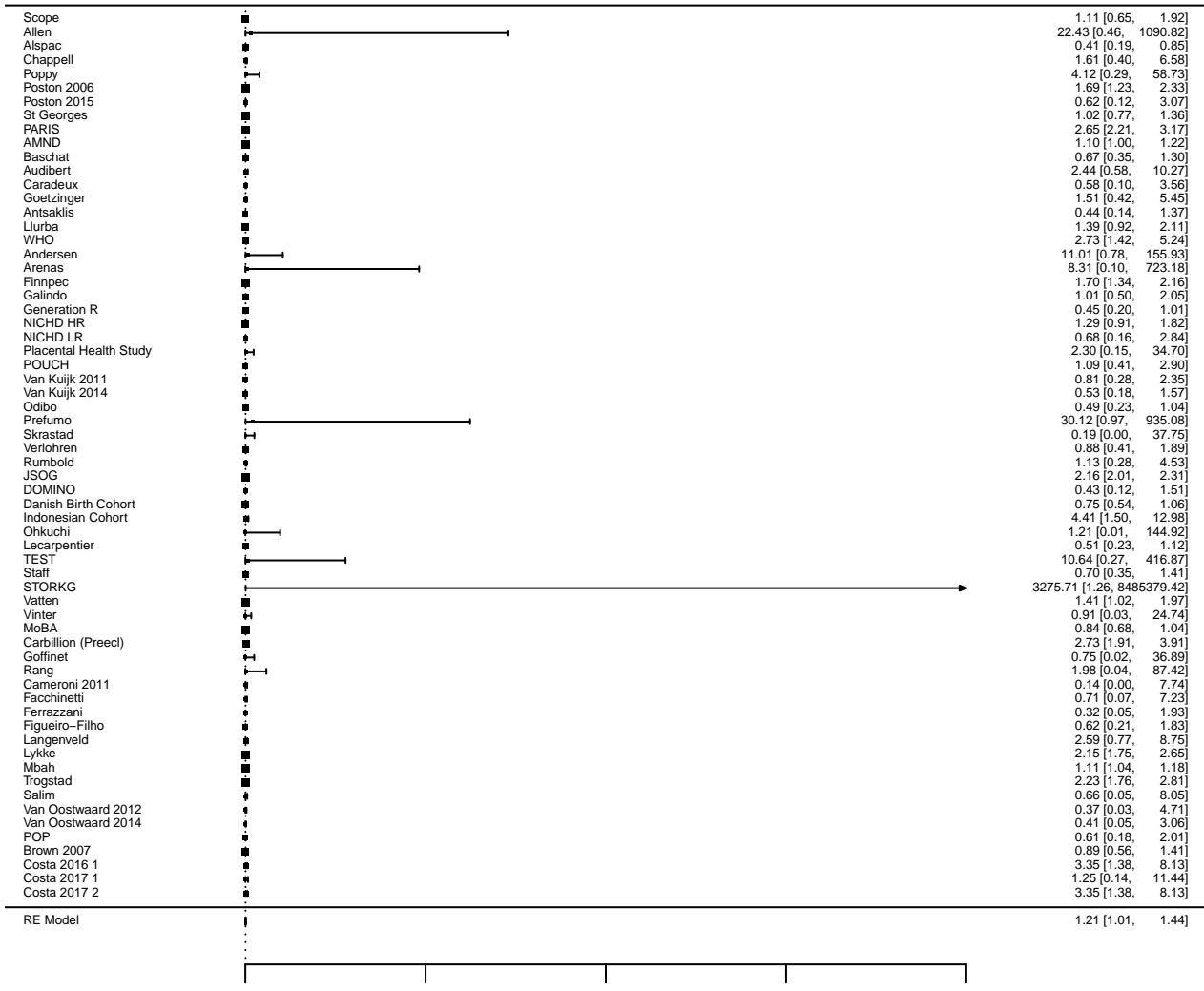
Supplementary Figure 50: Trimester 1 pregnancy associated plasma protein A as a prognostic factor for any onset pre-eclampsia

Forest Plot to explore any onset pre-eclampsia with Pregnancy Associated Plasma Protein A Trimester 2



Supplementary Figure 51: Trimester 2 pregnancy associated plasma protein A as a prognostic factor for any onset pre-eclampsia

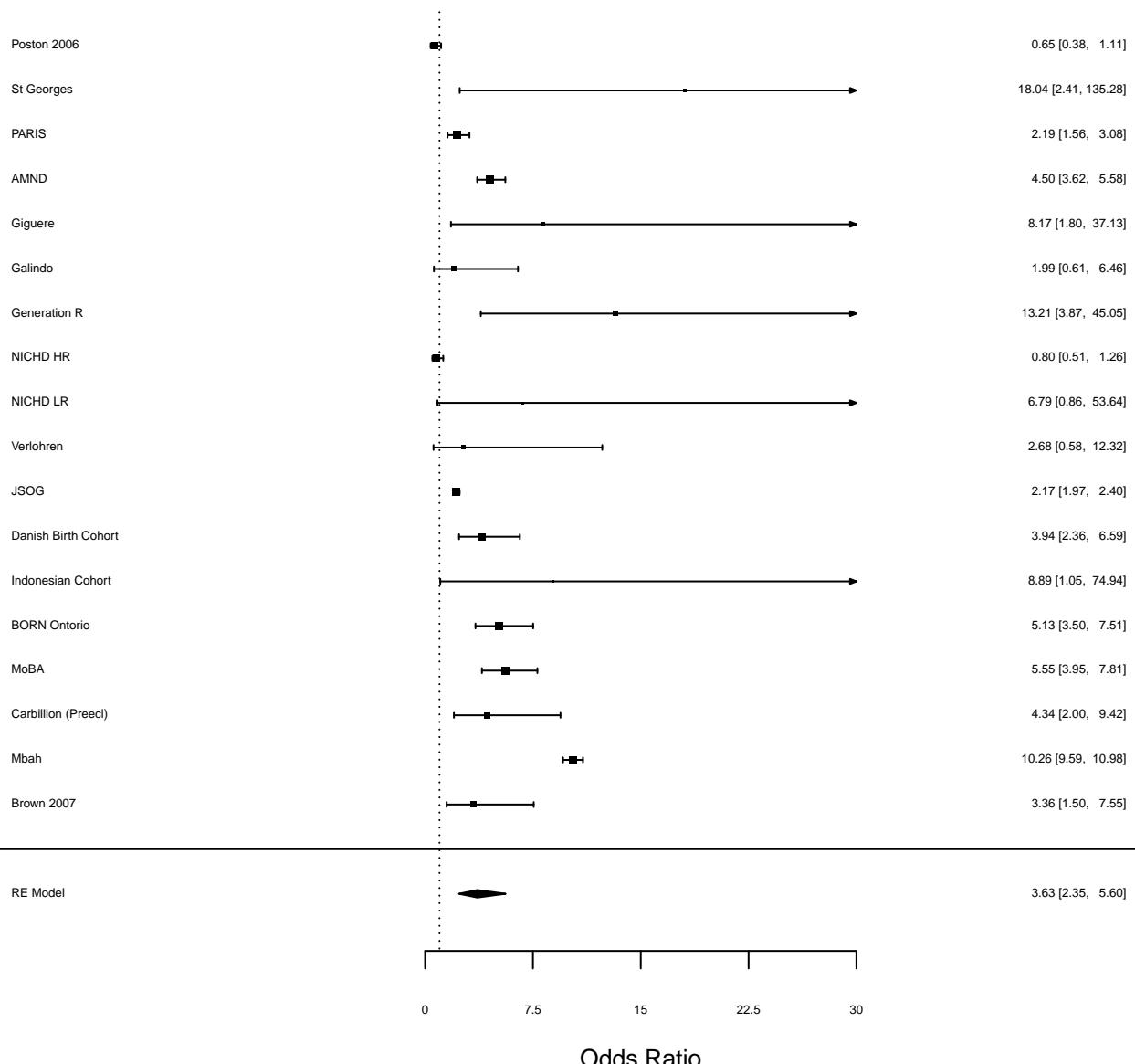
Forest Plot to explore early onset pre-eclampsia with Maternal Age



Odds Ratio

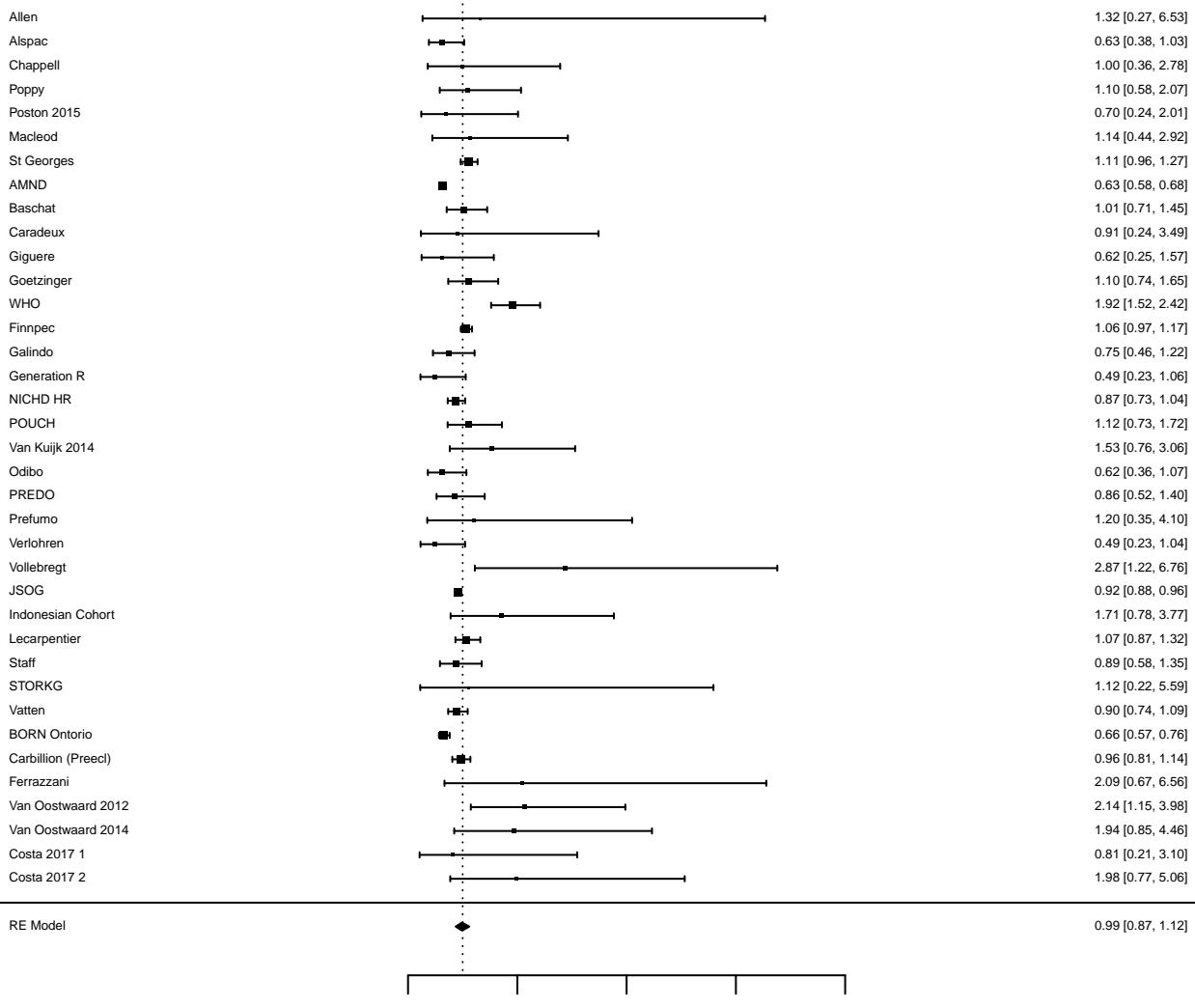
Supplementary Figure 52: Maternal age as a prognostic factor for early onset pre-eclampsia

Forest Plot to explore early onset pre–eclampsia with Multiple Current Pregnancy



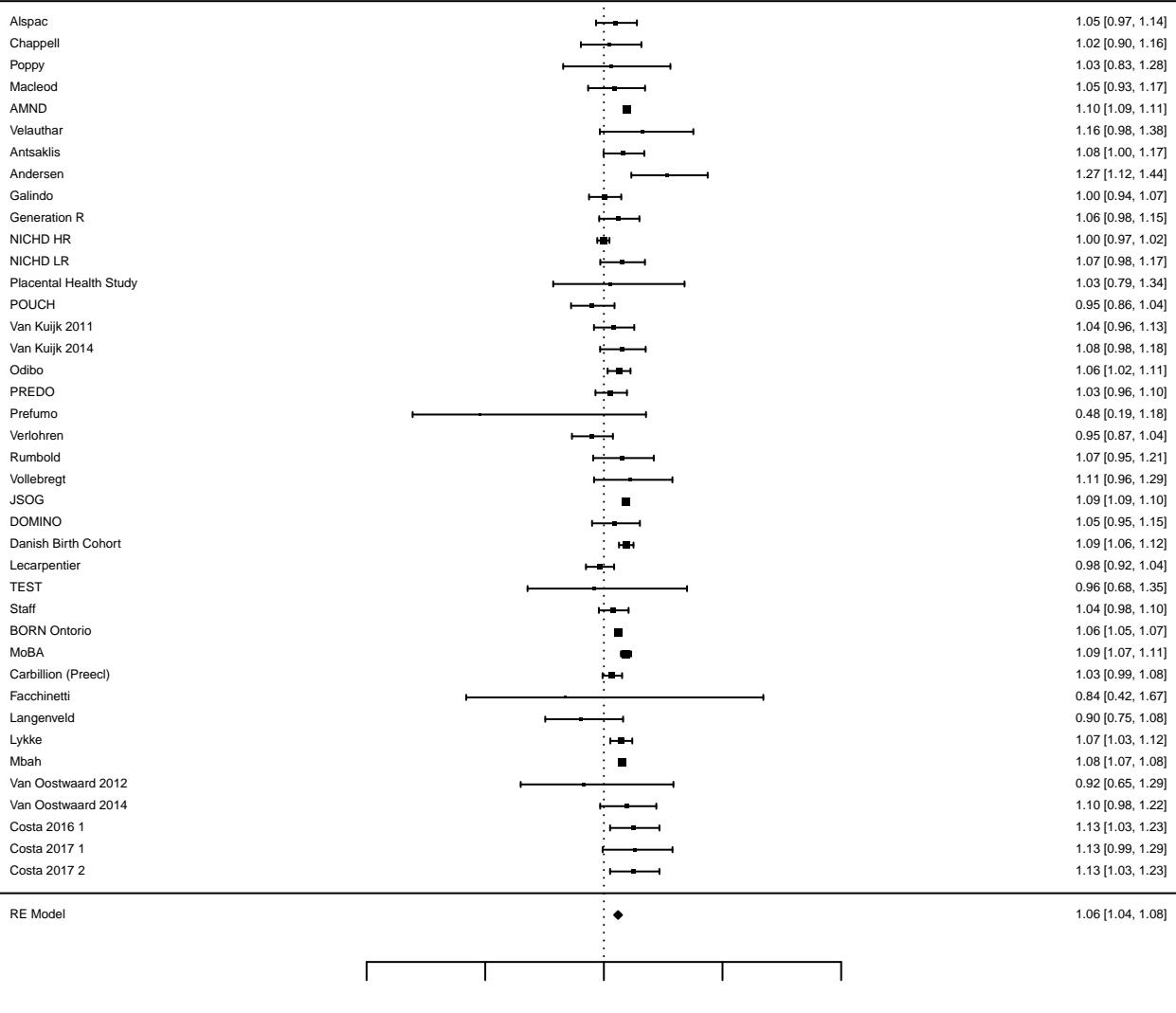
Supplementary Figure 53: Multiple current pregnancy as a prognostic factor for early onset pre–eclampsia

Forest Plot to explore early onset pre-eclampsia with Parity



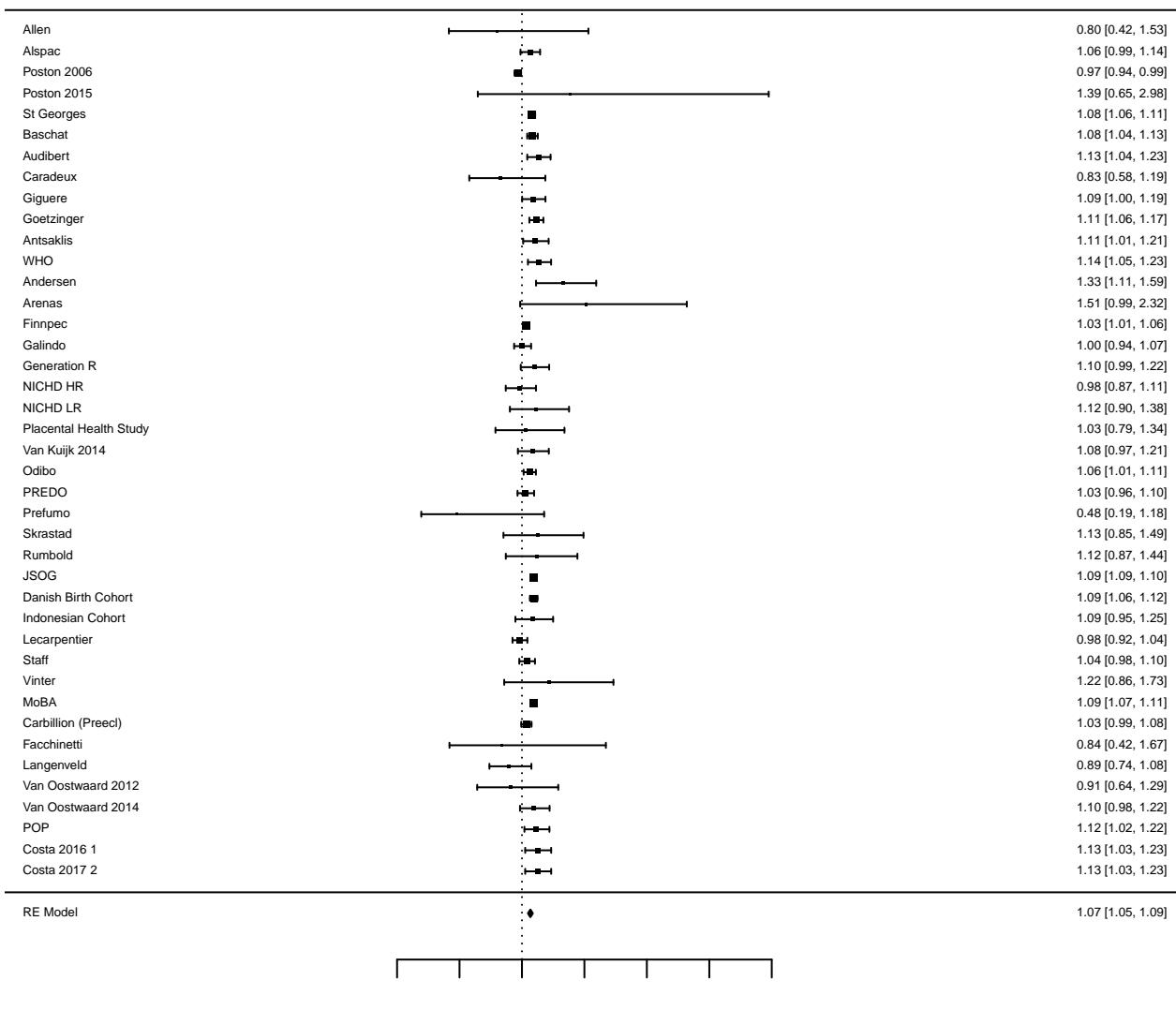
Supplementary Figure 54: Parity as a prognostic factor for early onset pre-eclampsia

Forest Plot to explore early onset pre-eclampsia with BMI



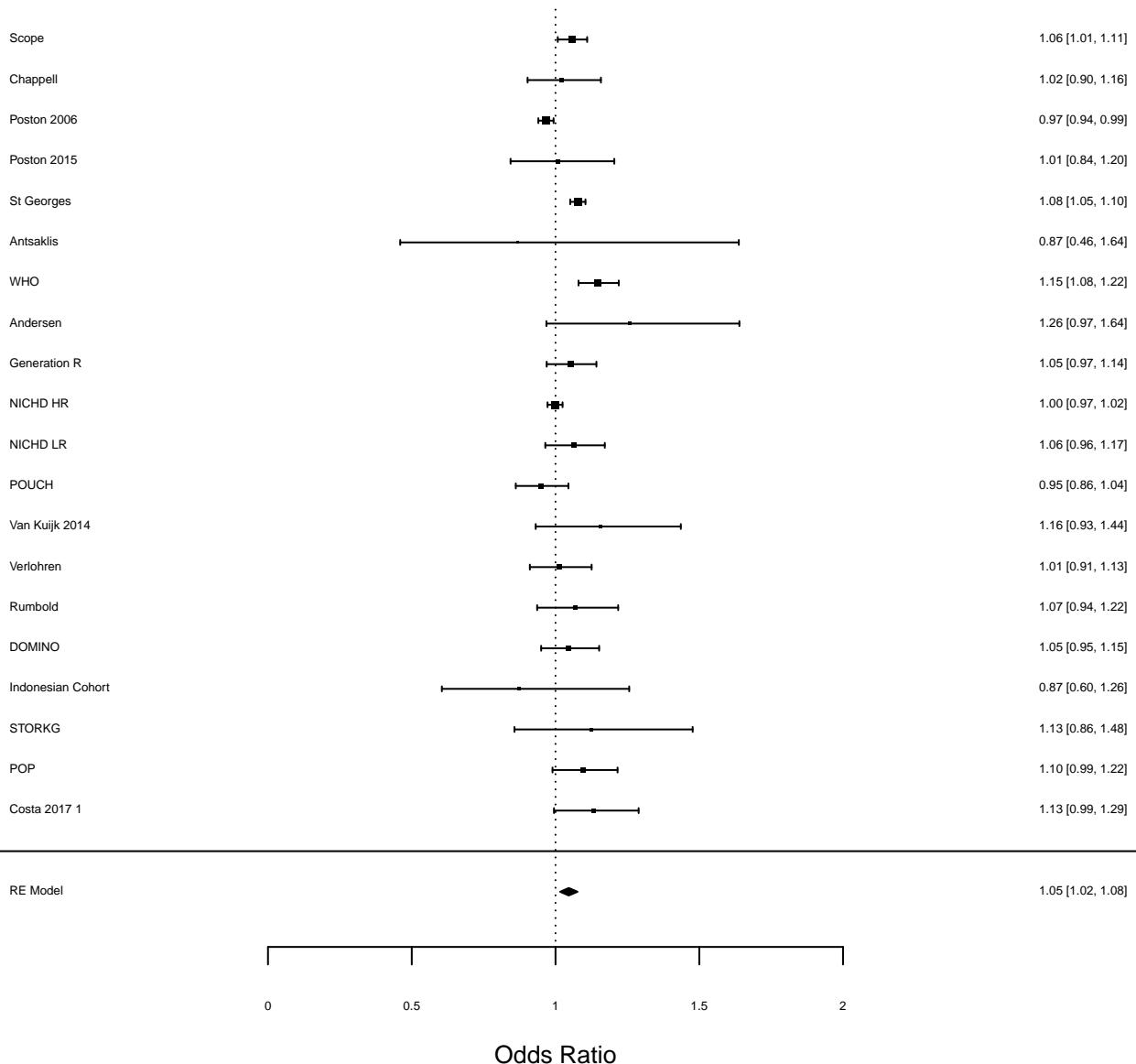
Supplementary Figure 55: BMI as a prognostic factor for early onset pre-eclampsia

Forest Plot to explore early onset pre-eclampsia with BMI Trimester 1



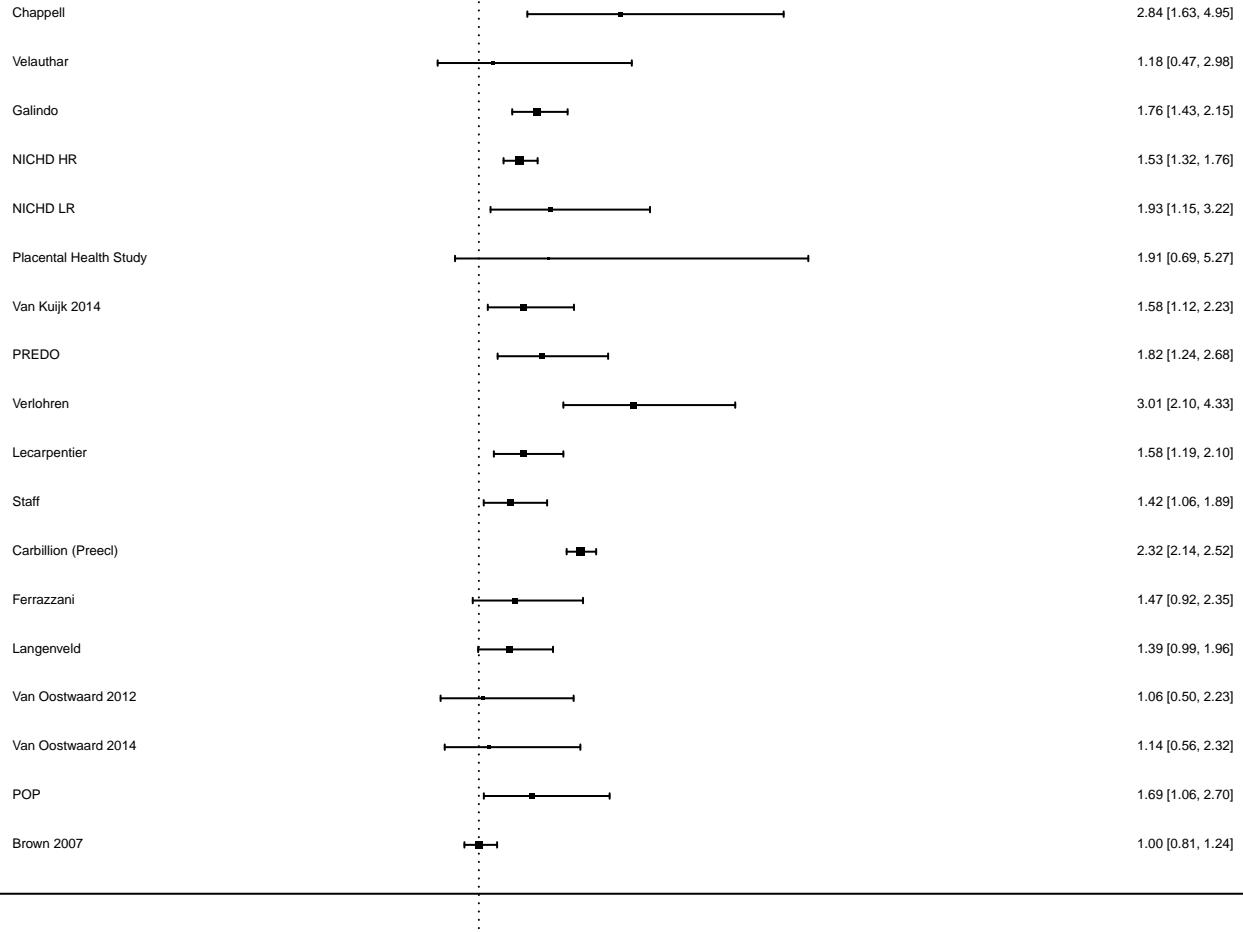
Supplementary Figure 56: Trimester 1 BMI as a prognostic factor for early onset pre-eclampsia

Forest Plot to explore early onset pre-eclampsia with BMI Trimester 2



Supplementary Figure 57: Trimester 2 BMI as a prognostic factor for early onset pre-eclampsia

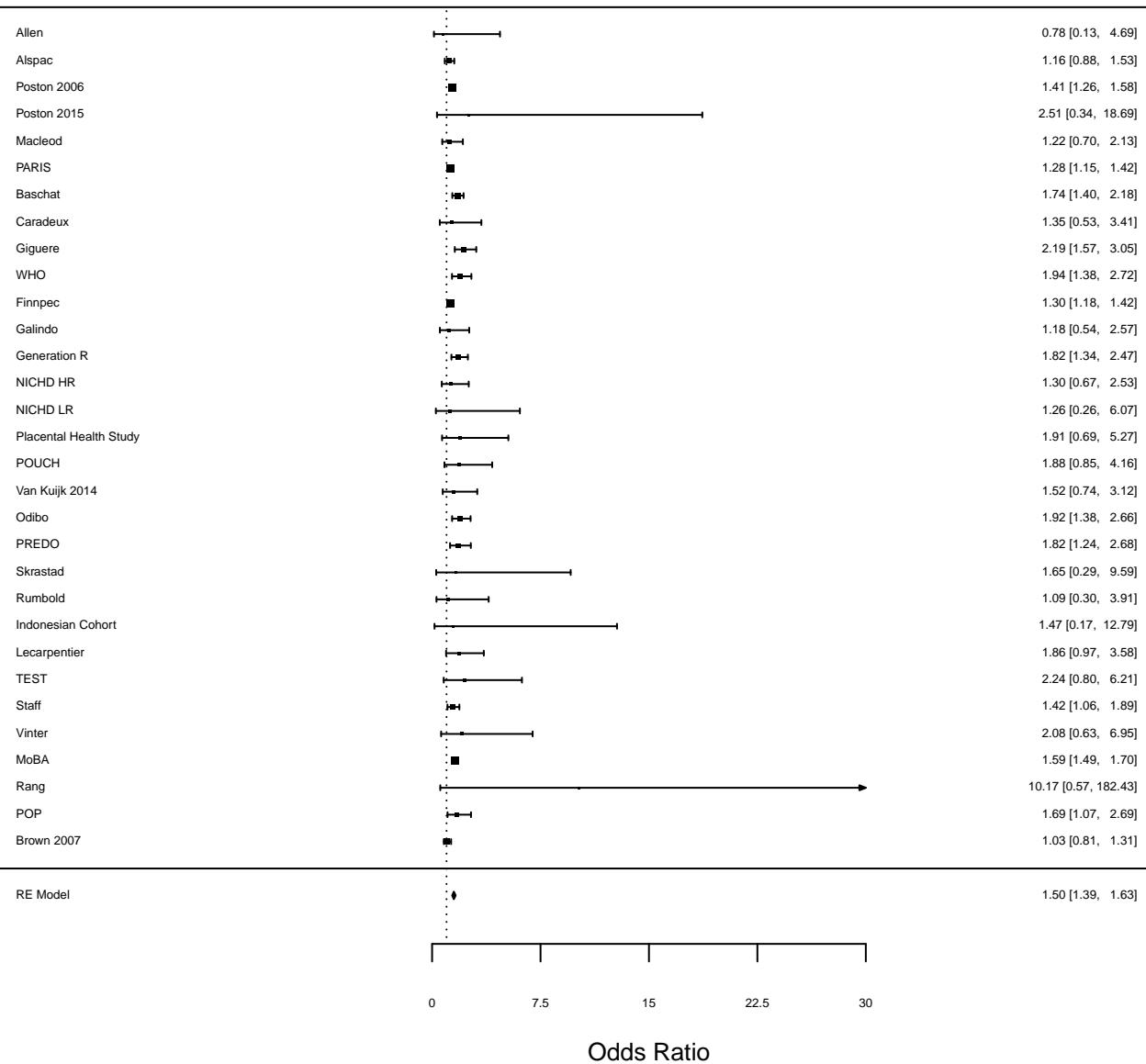
Forest Plot to explore early onset pre–eclampsia with Systolic Blood Pressure



0 1 2 3 4 5 6

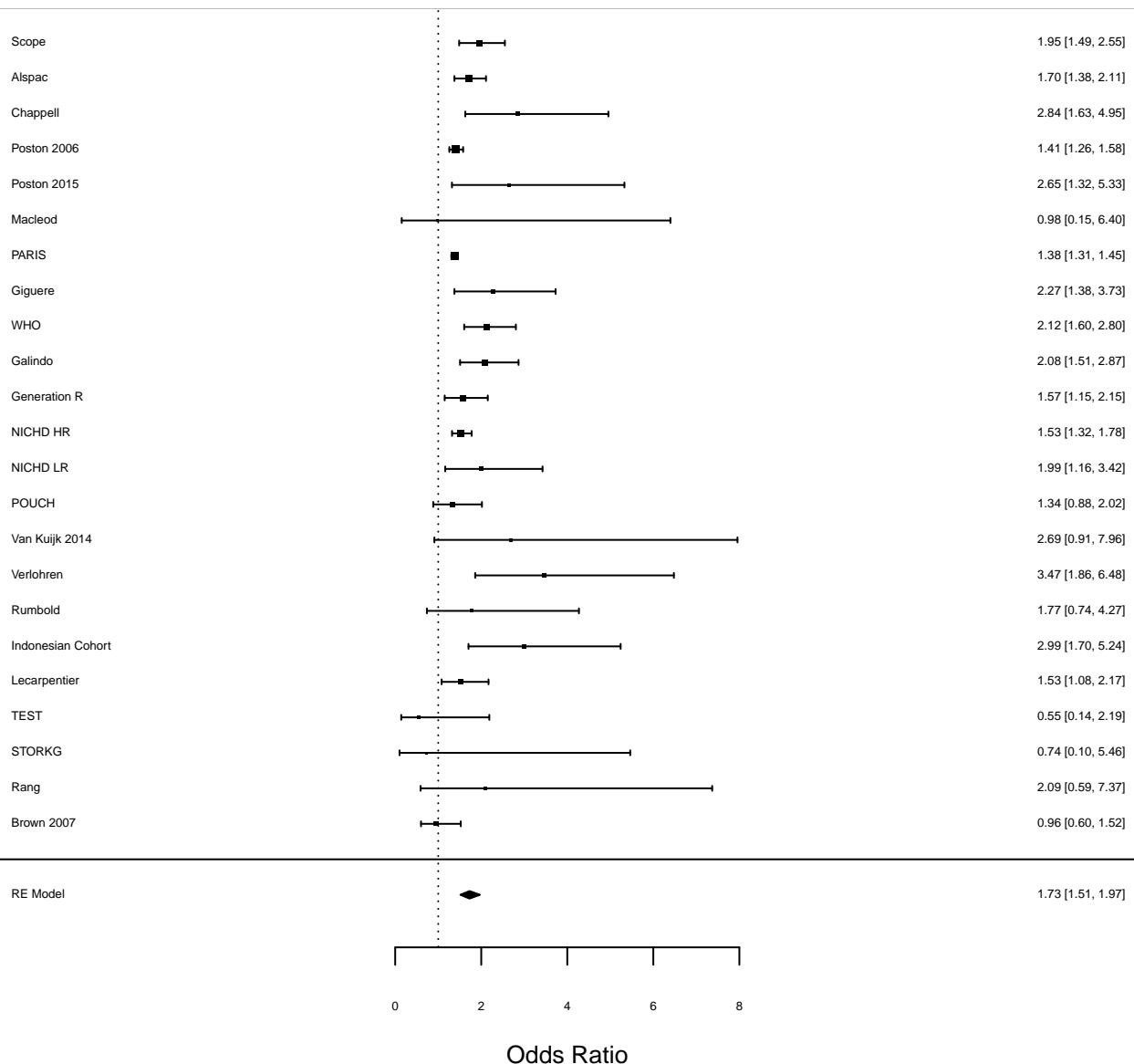
Odds Ratio

Forest Plot to explore early onset pre-eclampsia with Systolic Blood Pressure Trimester 1



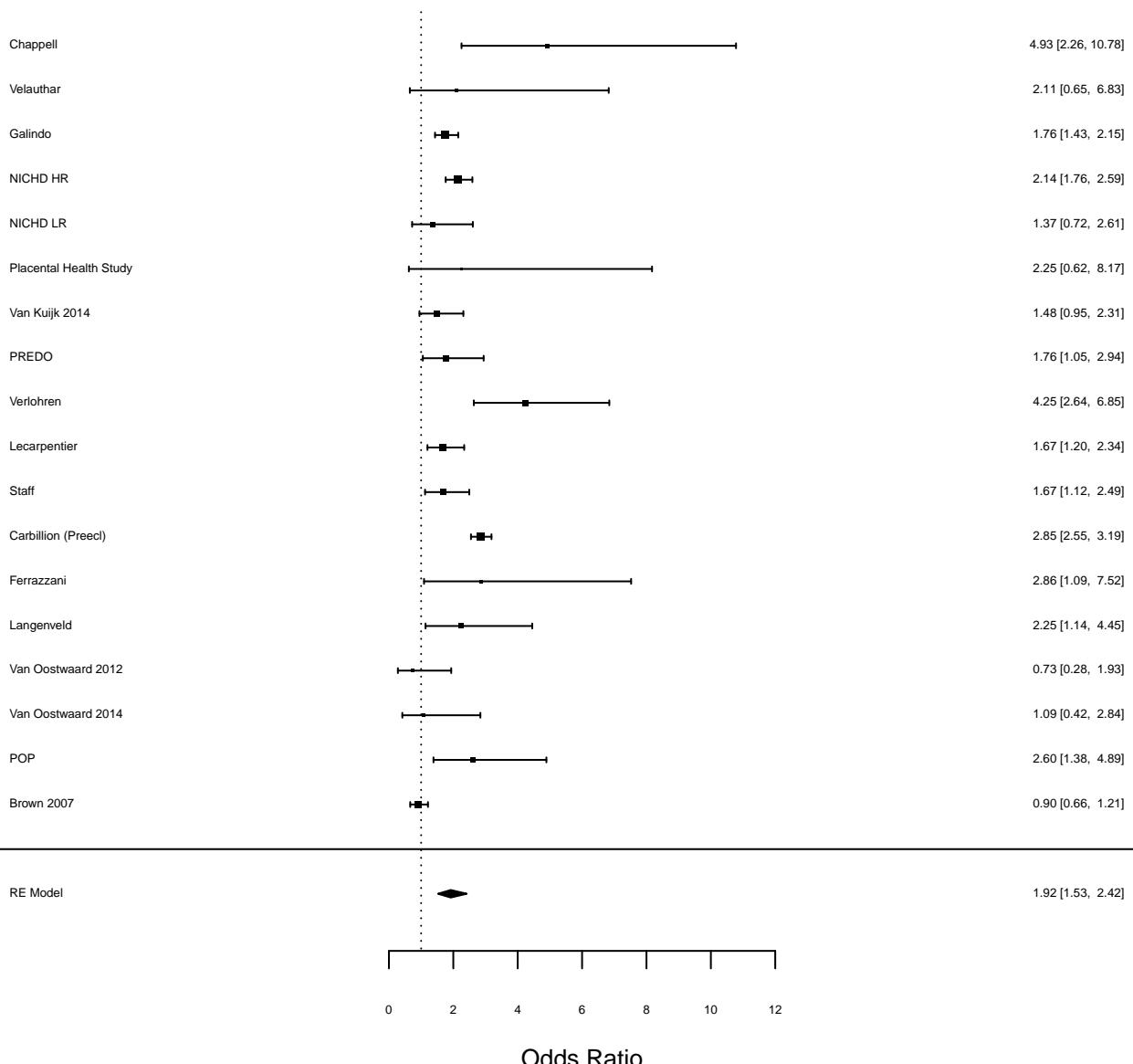
Supplementary Figure 59: Trimester 1 systolic blood pressure as a prognostic factor for early onset pre-eclampsia

Forest Plot to explore early onset pre-eclampsia with Systolic Blood Pressure Trimester 2



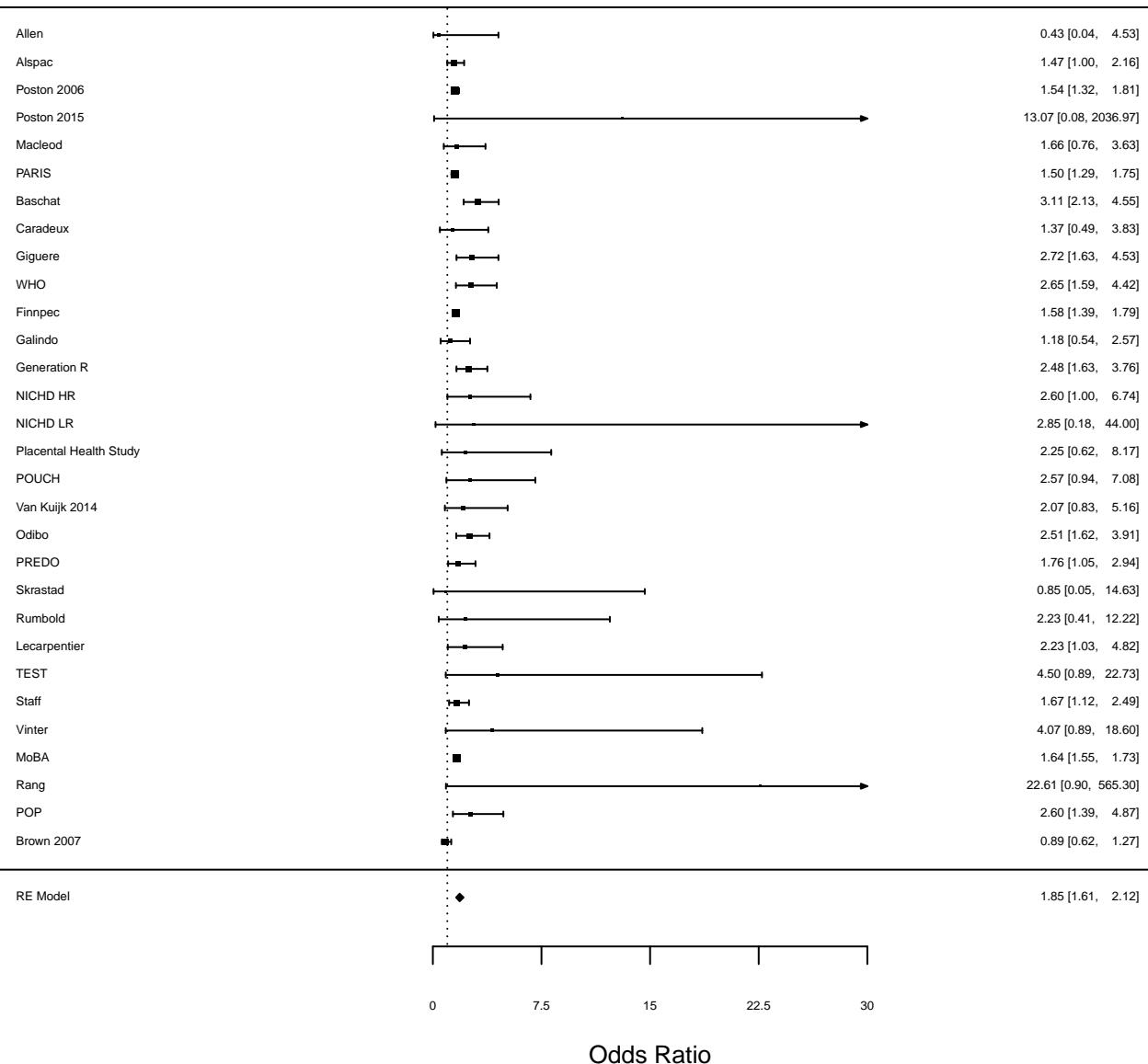
Supplementary Figure 60: Trimester 2 systolic blood pressure as a prognostic factor for early onset pre-eclampsia

Forest Plot to explore early onset pre-eclampsia with Diastolic Blood Pressure



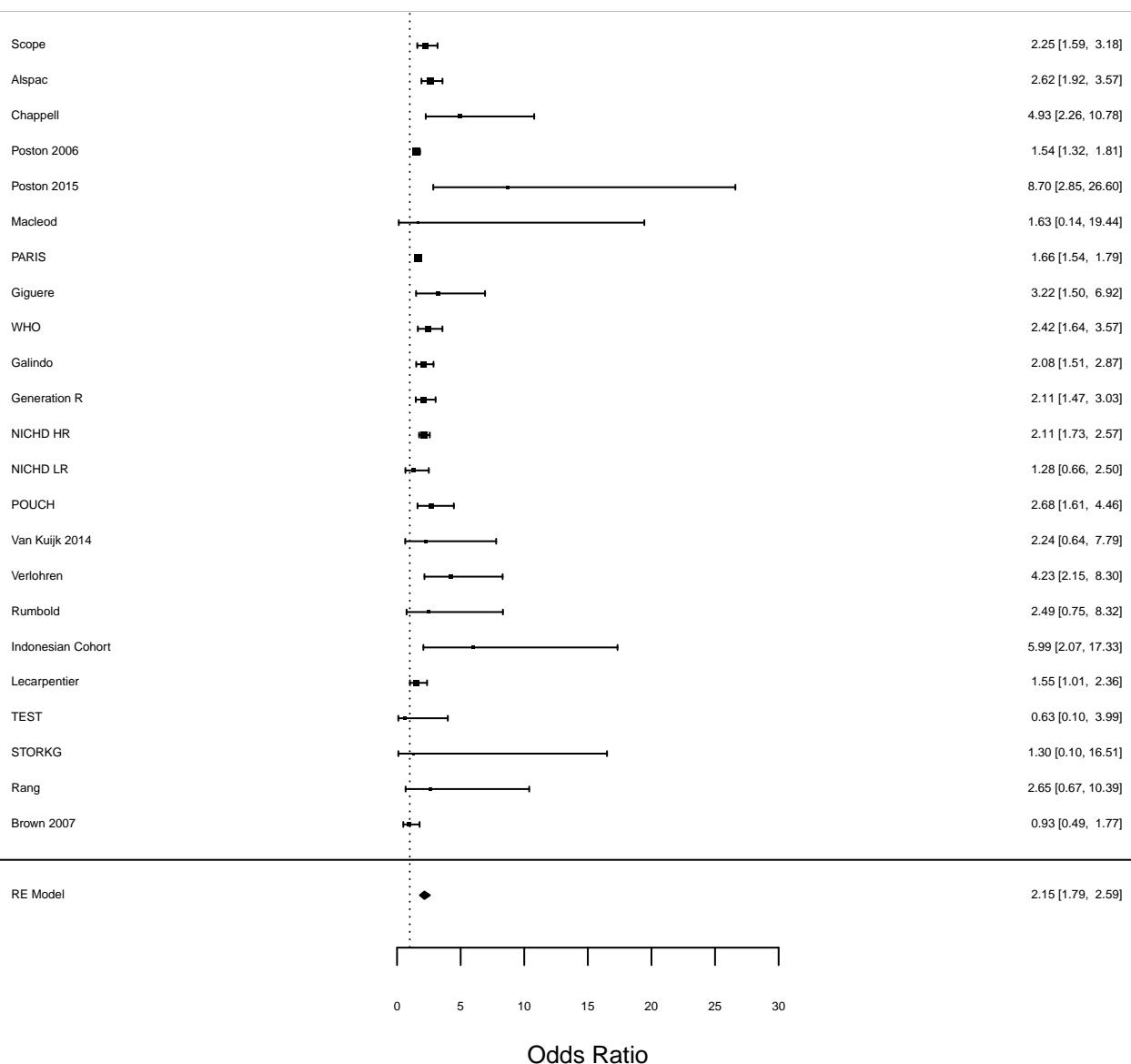
Supplementary Figure 61: Diastolic blood pressure as a prognostic factor for early onset pre-eclampsia

Forest Plot to explore early onset pre-eclampsia with Diastolic Blood Pressure Trimester 1



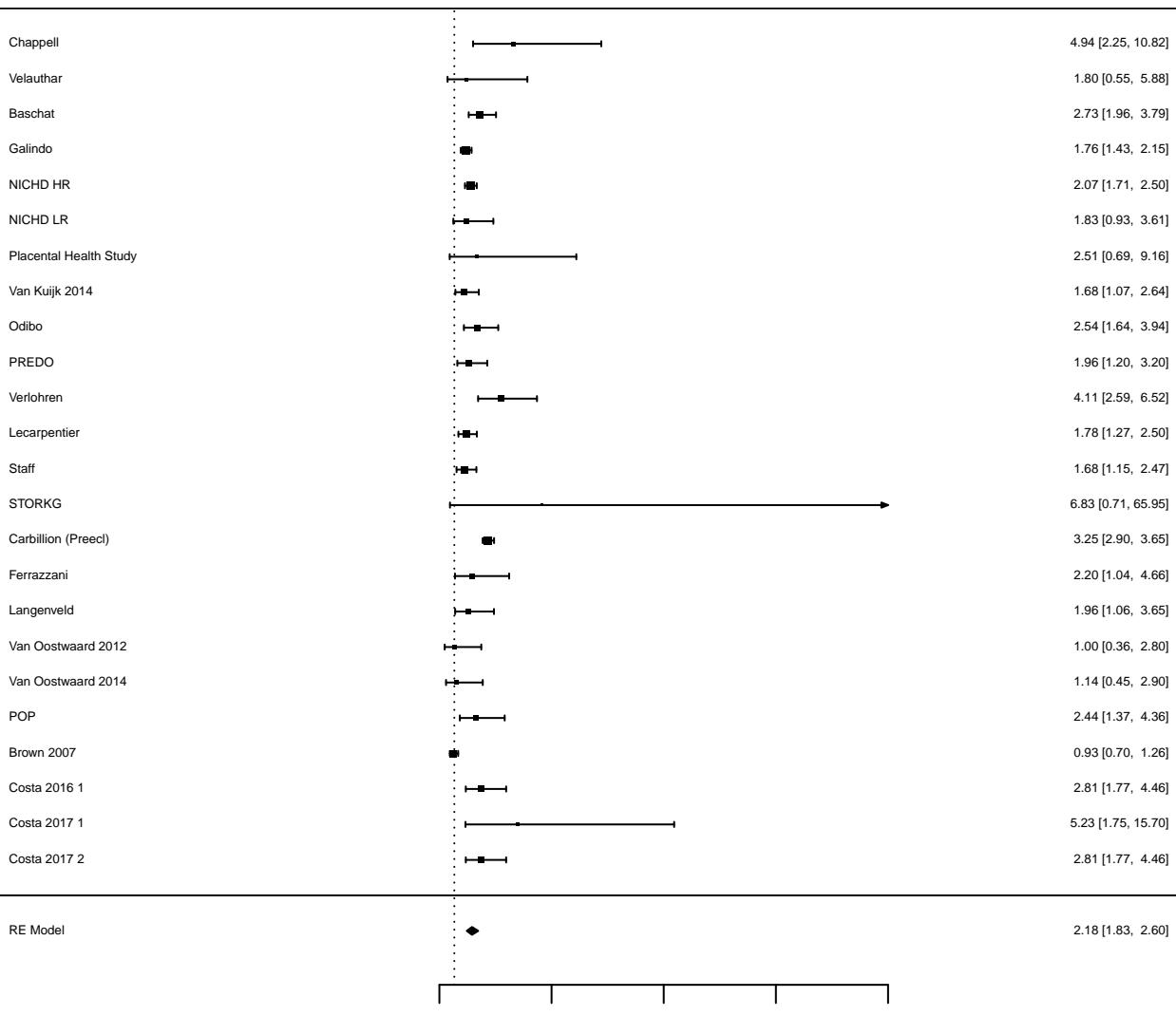
Supplementary Figure 62: Trimester 1 diastolic blood pressure as a prognostic factor for early onset pre-eclampsia

Forest Plot to explore early onset pre-eclampsia with Diastolic Blood Pressure Trimester 2



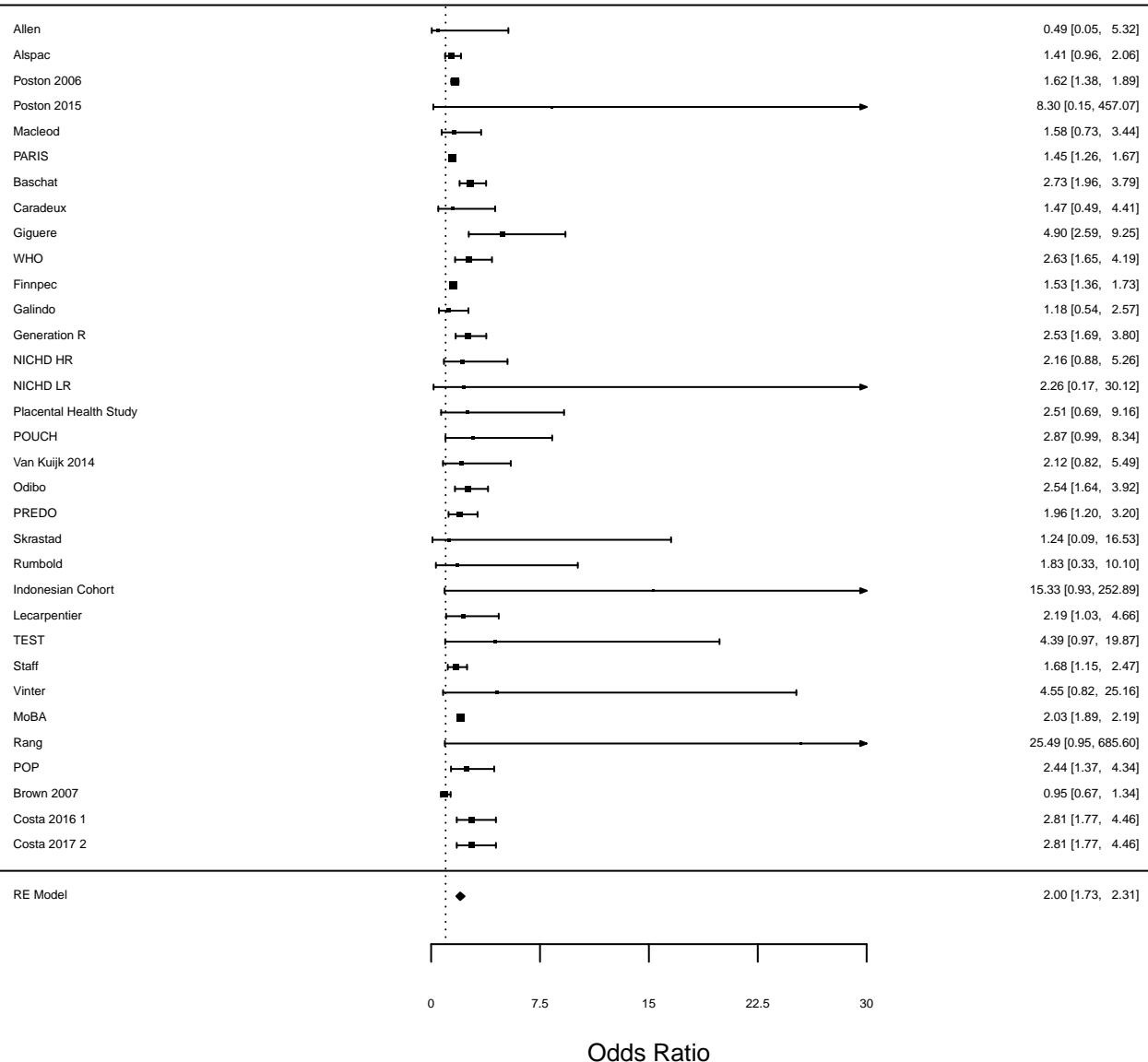
Supplementary Figure 63: Trimester 2 diastolic blood pressure as a prognostic factor for early onset pre-eclampsia

Forest Plot to explore early onset pre-eclampsia with Mean Arterial Pressure



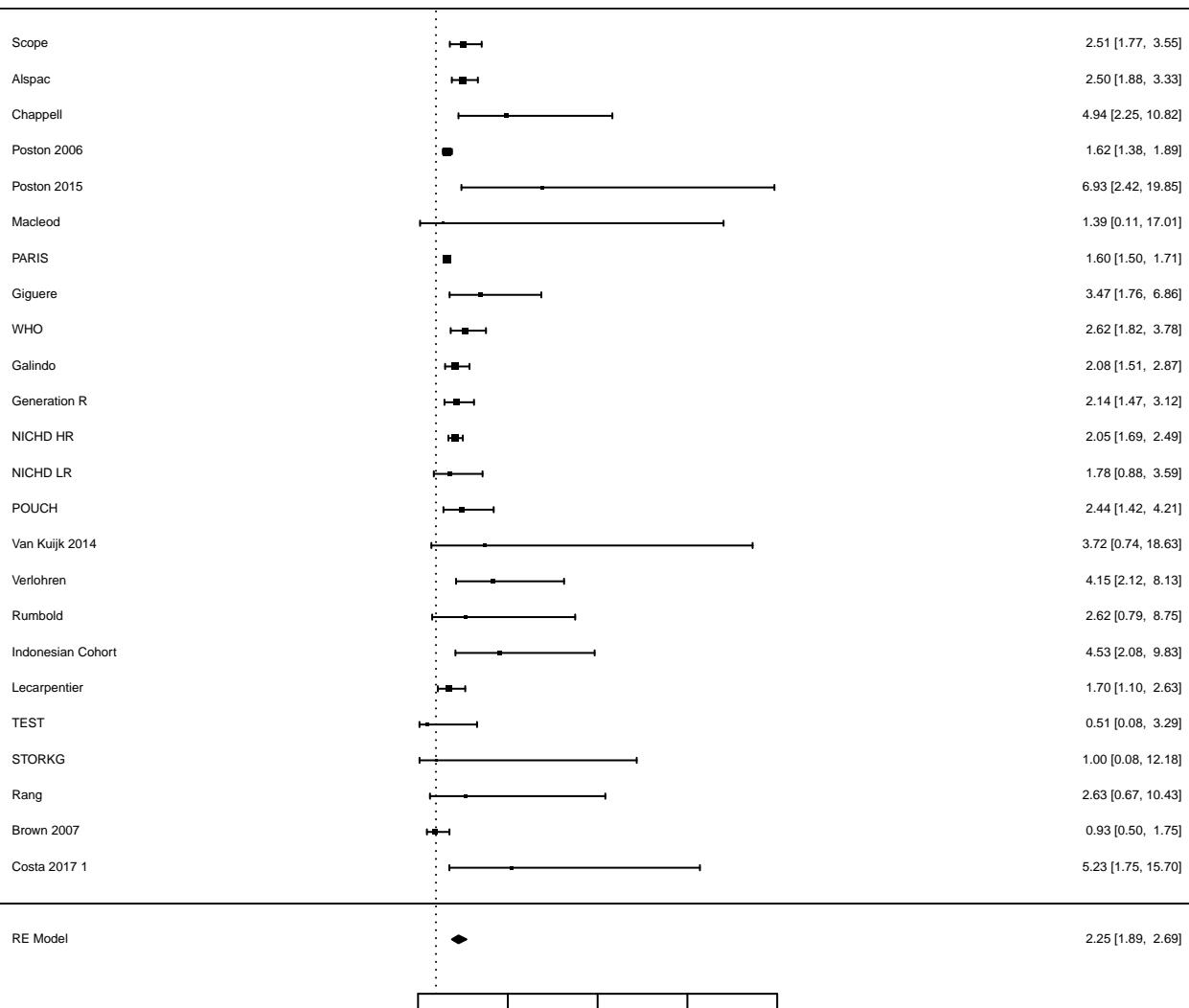
Supplementary Figure 64: Mean arterial pressure as a prognostic factor for early onset pre-eclampsia

Forest Plot to explore early onset pre-eclampsia with Mean Arterial Pressure Trimester 1



Supplementary Figure 65: Trimester 1 mean arterial pressure as a prognostic factor for early onset pre-eclampsia

Forest Plot to explore early onset pre-eclampsia with Mean Arterial Pressure Trimester 2



0 5 10 15 20

Odds Ratio

Forest Plot to explore early onset pre-eclampsia with Protein Creatine Ratio

Poston 2006



1.00 [1.00, 1.01]

Velauthar



1.00 [1.00, 1.01]

Placental Health Study



1.01 [0.99, 1.03]

RE Model



1.00 [1.00, 1.01]



Odds Ratio

Supplementary Figure 67: Protein creatine ratio as a prognostic factor for early onset pre-eclampsia

Forest Plot to explore early onset pre–eclampsia with Protein Creatine Ratio Trimester 2

Scope



FE Model



Odds Ratio

Supplementary Figure 68: Trimester 2 protein creatine ratio as a prognostic factor for early onset pre–eclampsia

Forest Plot to explore early onset pre–eclampsia with Urine Dipstick

Finnpec

0.37 [0.19, 0.70]

NICHD HR

2.28 [1.70, 3.07]

Placental Health Study

0.94 [0.28, 3.21]

Verloehren

21.98 [4.02, 120.08]

Carbillion (Preecl)

27.69 [14.58, 52.60]

RE Model

3.30 [0.31, 35.27]



Odds Ratio

Forest Plot to explore early onset pre-eclampsia with Urine Dipstick Trimester 1

Alspac



9.15 [4.64, 18.04]

Poston 2006



2.20 [1.60, 3.02]

NICHD HR

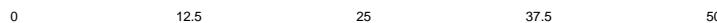


1.28 [0.24, 6.66]

RE Model



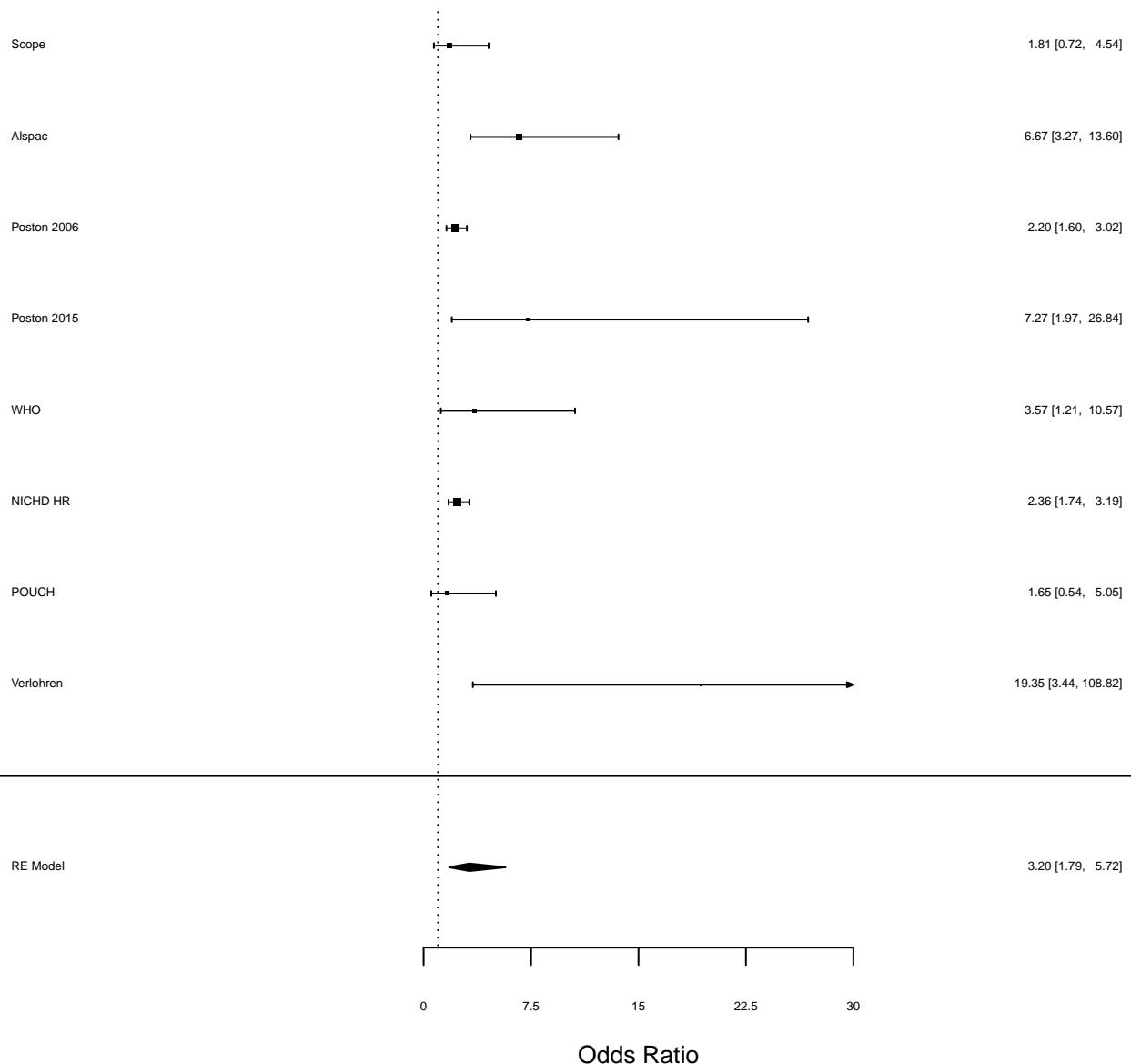
3.29 [0.28, 38.31]



Odds Ratio

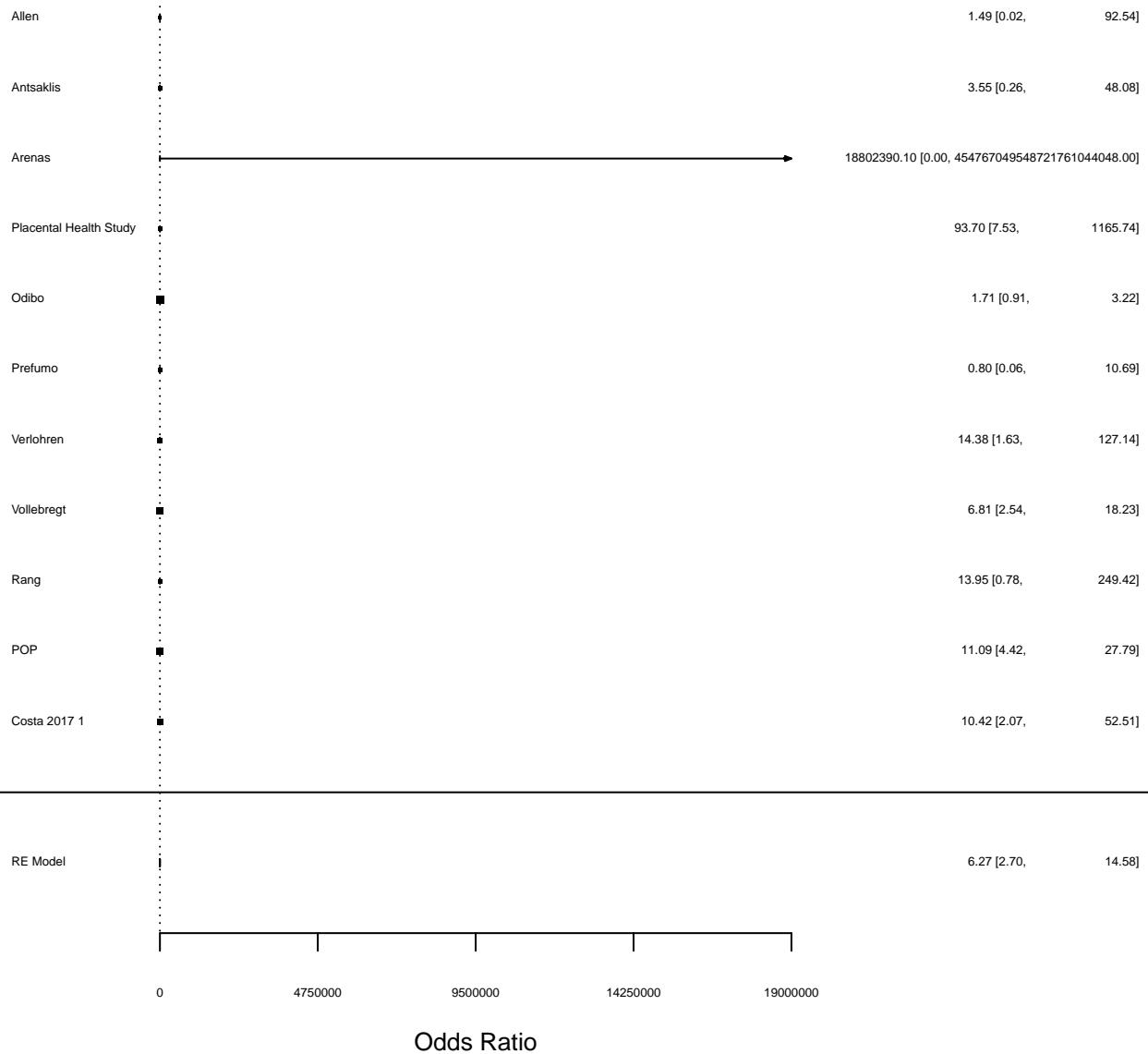
Supplementary Figure 70: Trimester 1 urine dipstick as a prognostic factor for early onset pre-eclampsia

Forest Plot to explore early onset pre-eclampsia with Urine Dipstick Trimester 2



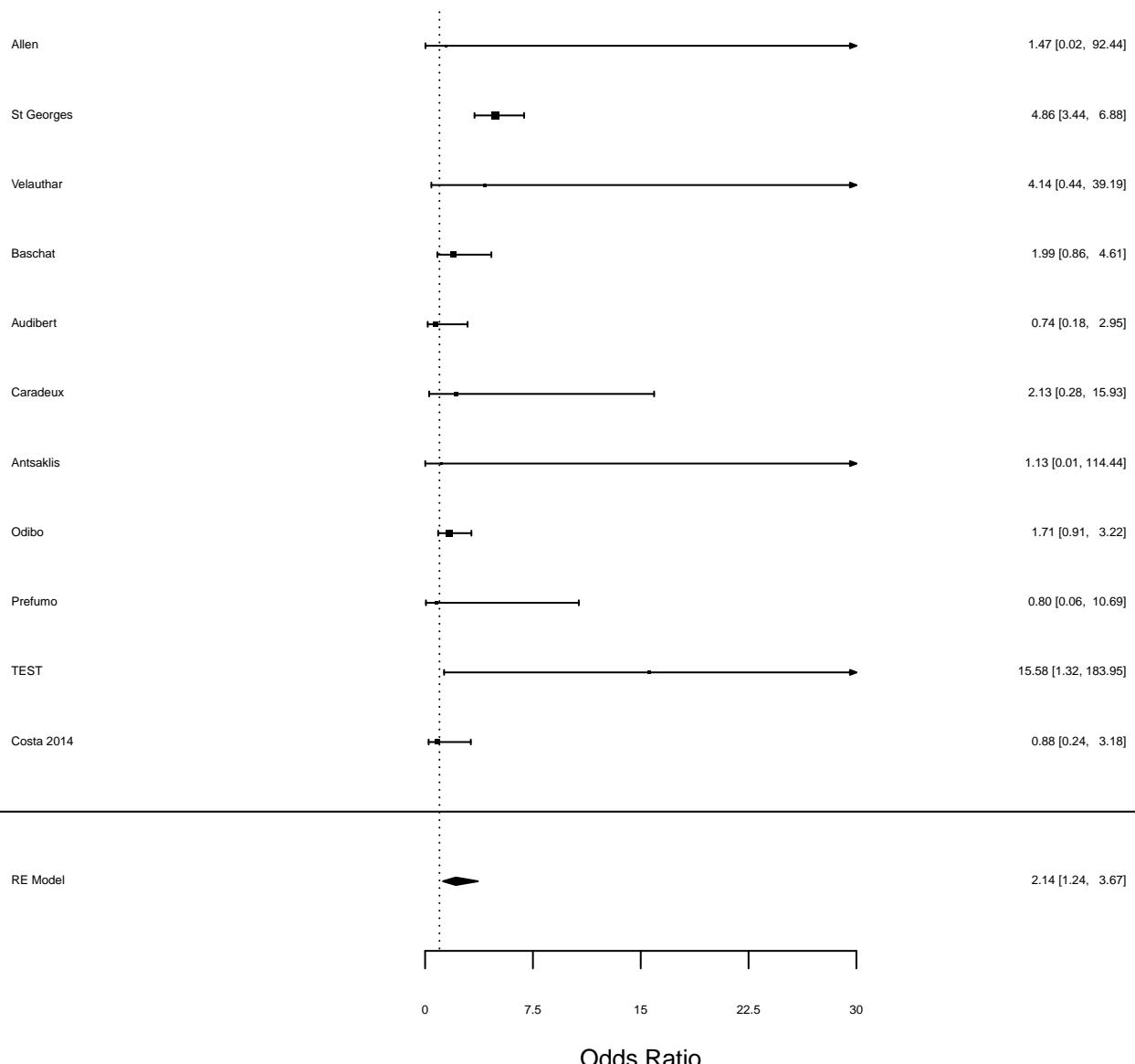
Supplementary Figure 71: Trimester 2 urine dipstick as a prognostic factor for early onset pre-eclampsia

Forest Plot to explore early onset pre–eclampsia with Uterine Artery Pulsatility Index



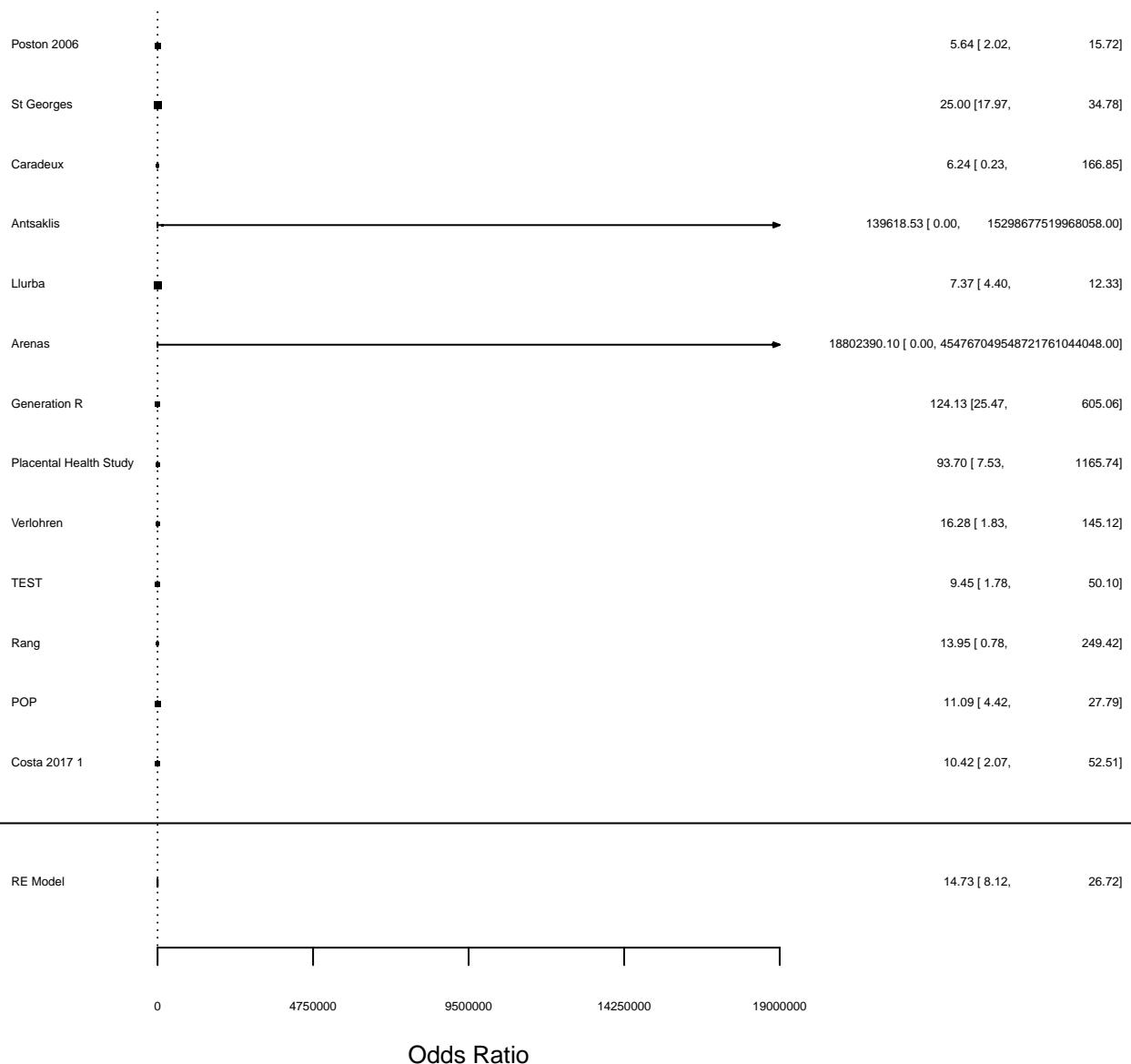
Supplementary Figure 72: Uterine artery pulsatility index as a prognostic factor for early onset pre–eclampsia

Forest Plot to explore early onset pre-eclampsia with Uterine Artery Pulsatility Index Trimester 1



Supplementary Figure 73: Trimester 1 uterine artery pulsatility index as a prognostic factor for early onset pre-eclampsia

Forest Plot to explore early onset pre-eclampsia with Uterine Artery Pulsatility Index Trimester 2



Supplementary Figure 74: Trimester 2 uterine artery pulsatility index as a prognostic factor for early onset pre-eclampsia

Forest Plot to explore early onset pre–eclampsia with Umbilical Artery Pulsatility Index

Arenas

56.96 [0.02, 130690.16]

Galindo

6.93 [1.91, 25.19]

Placental Health Study

0.45 [0.00, 540.09]

Verloehren

5.05 [2.05, 12.45]

POP

4.03 [0.29, 56.31]

RE Model

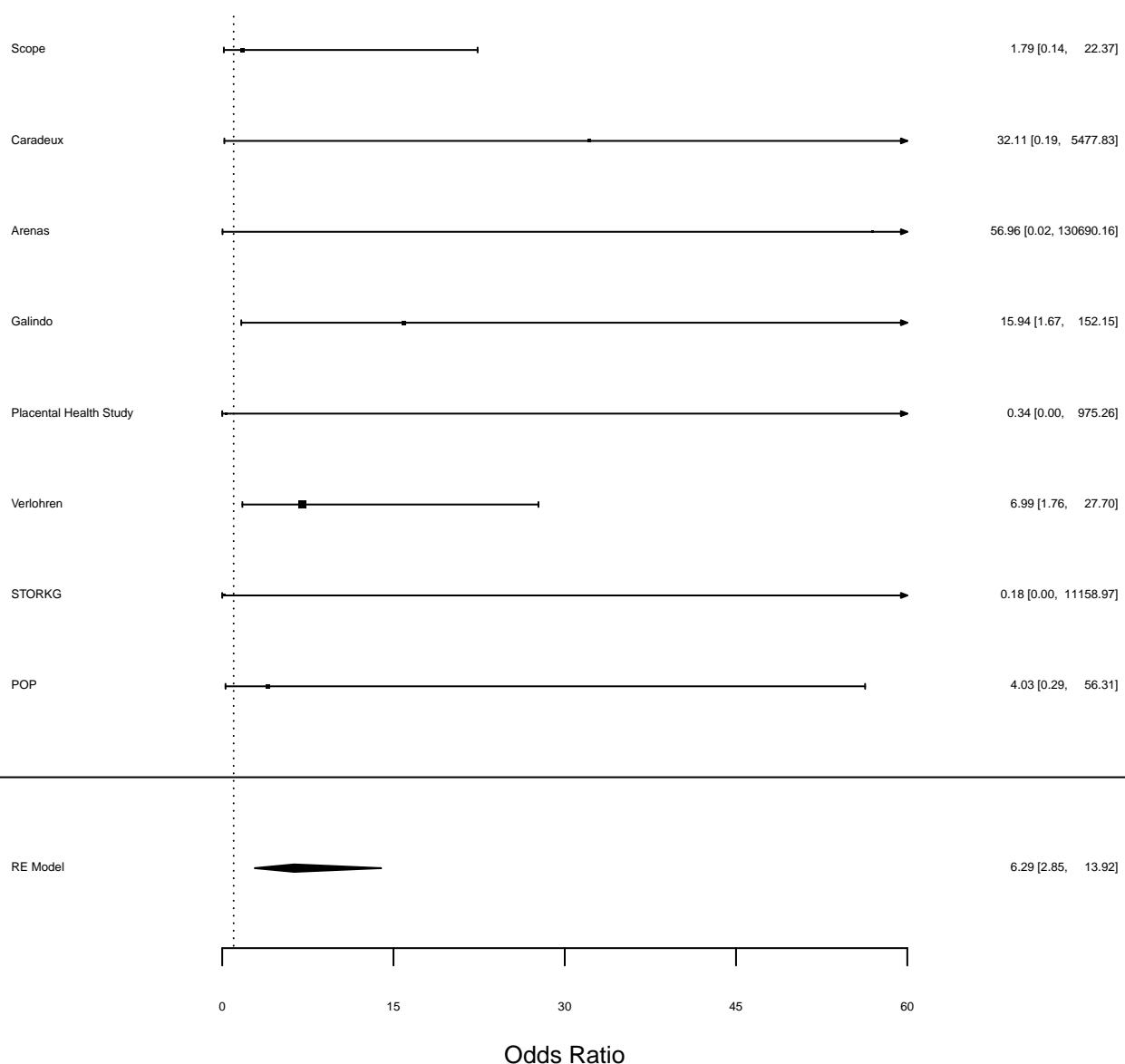
5.44 [3.27, 9.06]



Odds Ratio

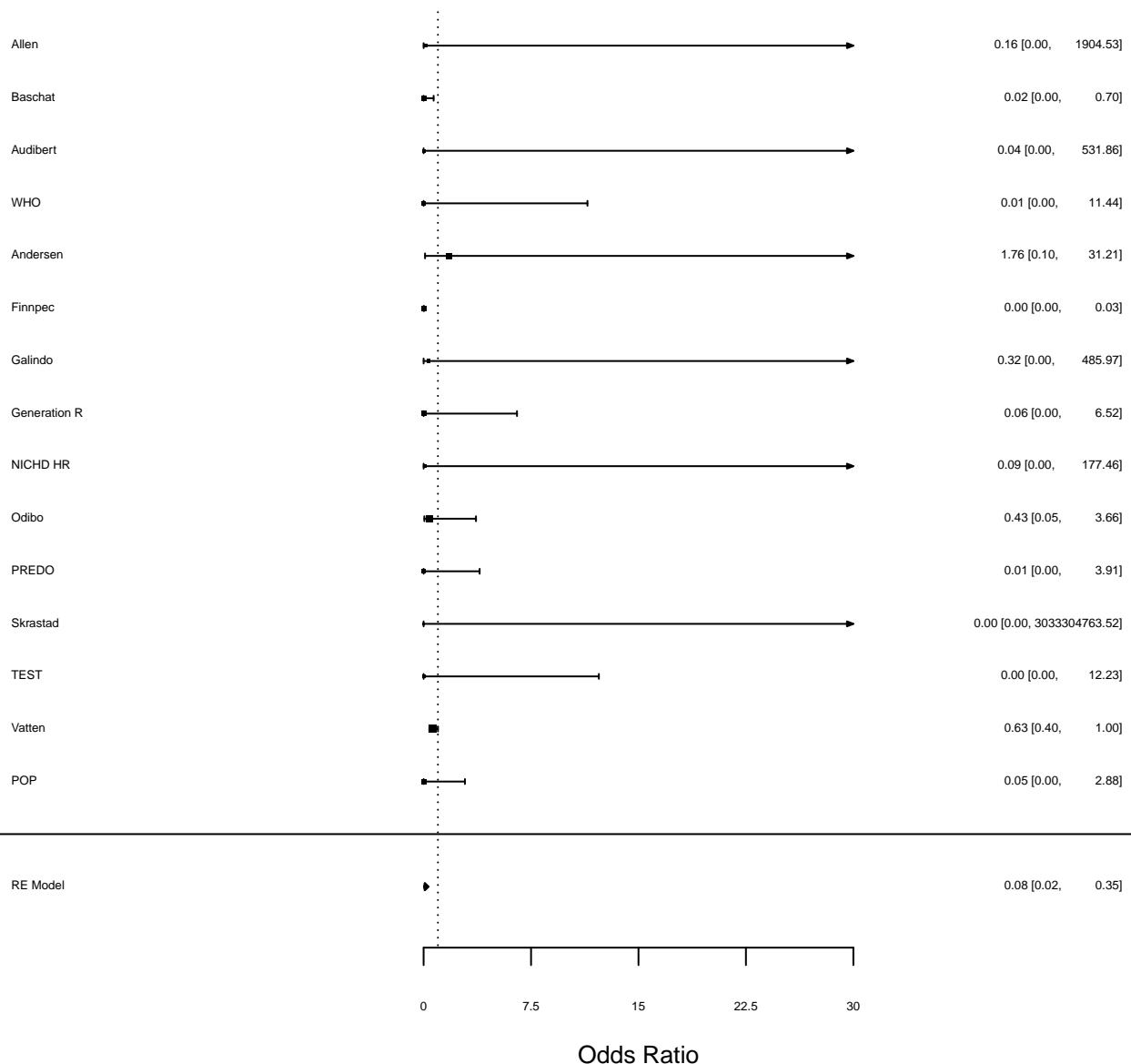
Supplementary Figure 75: Umbilical artery pulsatility index as a prognostic factor for early onset pre–eclampsia

Forest Plot to explore early onset pre-eclampsia with Umbilical Artery Pulsatility Index Trimester 2



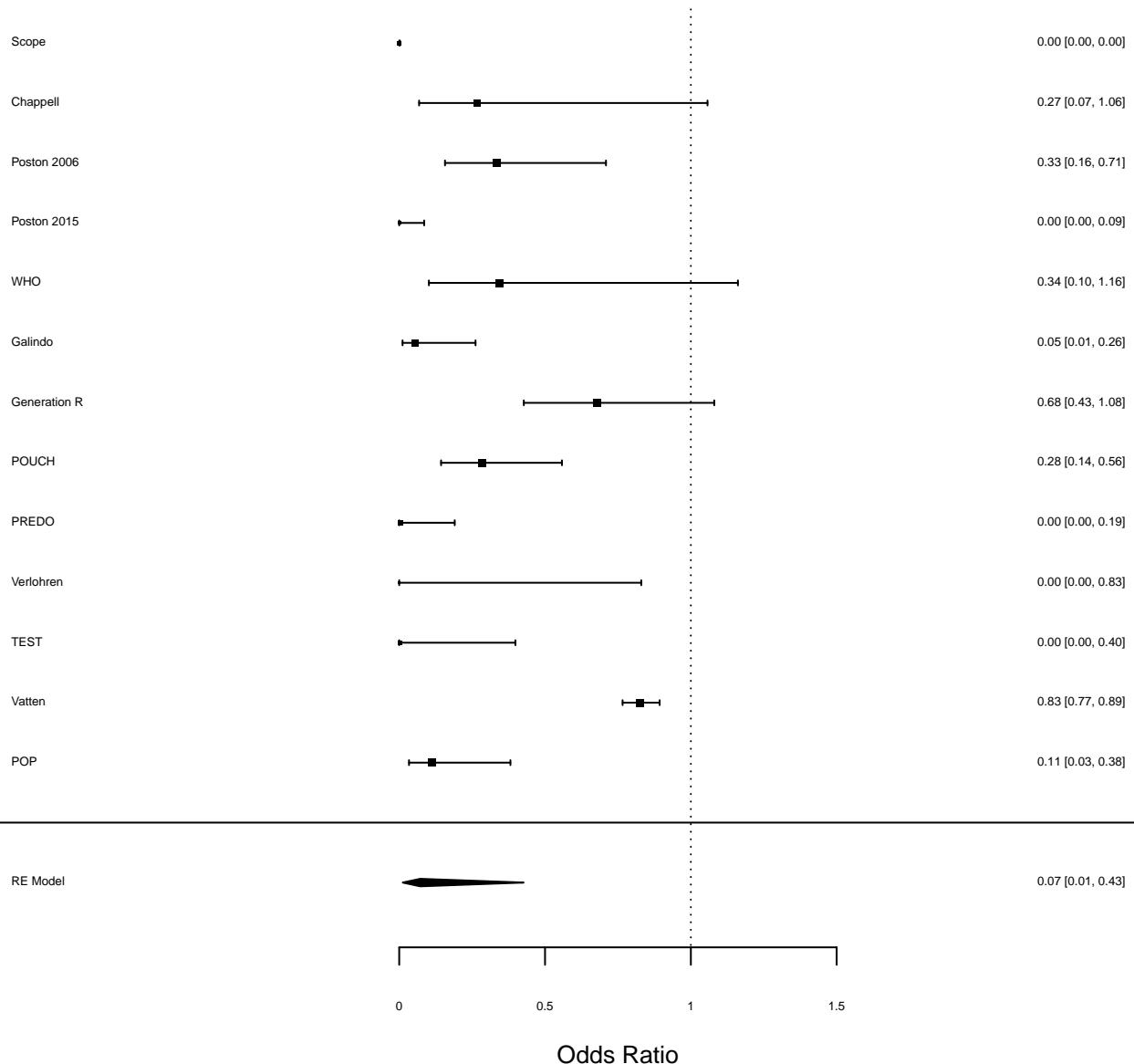
Supplementary Figure 76: Trimester 2 umbilical artery pulsatility index as a prognostic factor for early onset pre-eclampsia

Forest Plot to explore early onset pre-eclampsia with Placental Growth Factor Trimester 1



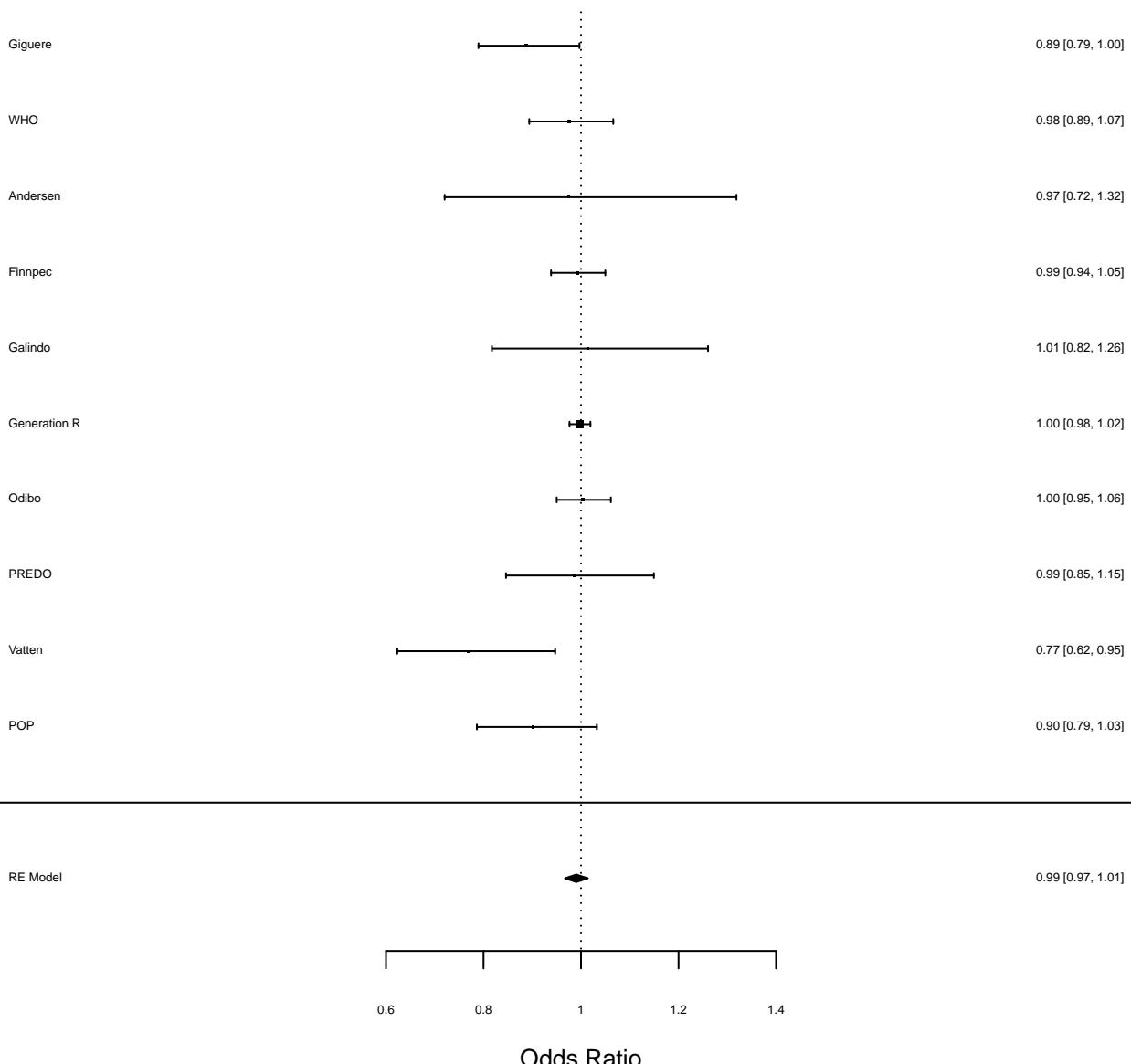
Supplementary Figure 77: Trimester 1 placental growth factor as a prognostic factor for early onset pre-eclampsia

Forest Plot to explore early onset pre-eclampsia with Placental Growth Factor Trimester 2



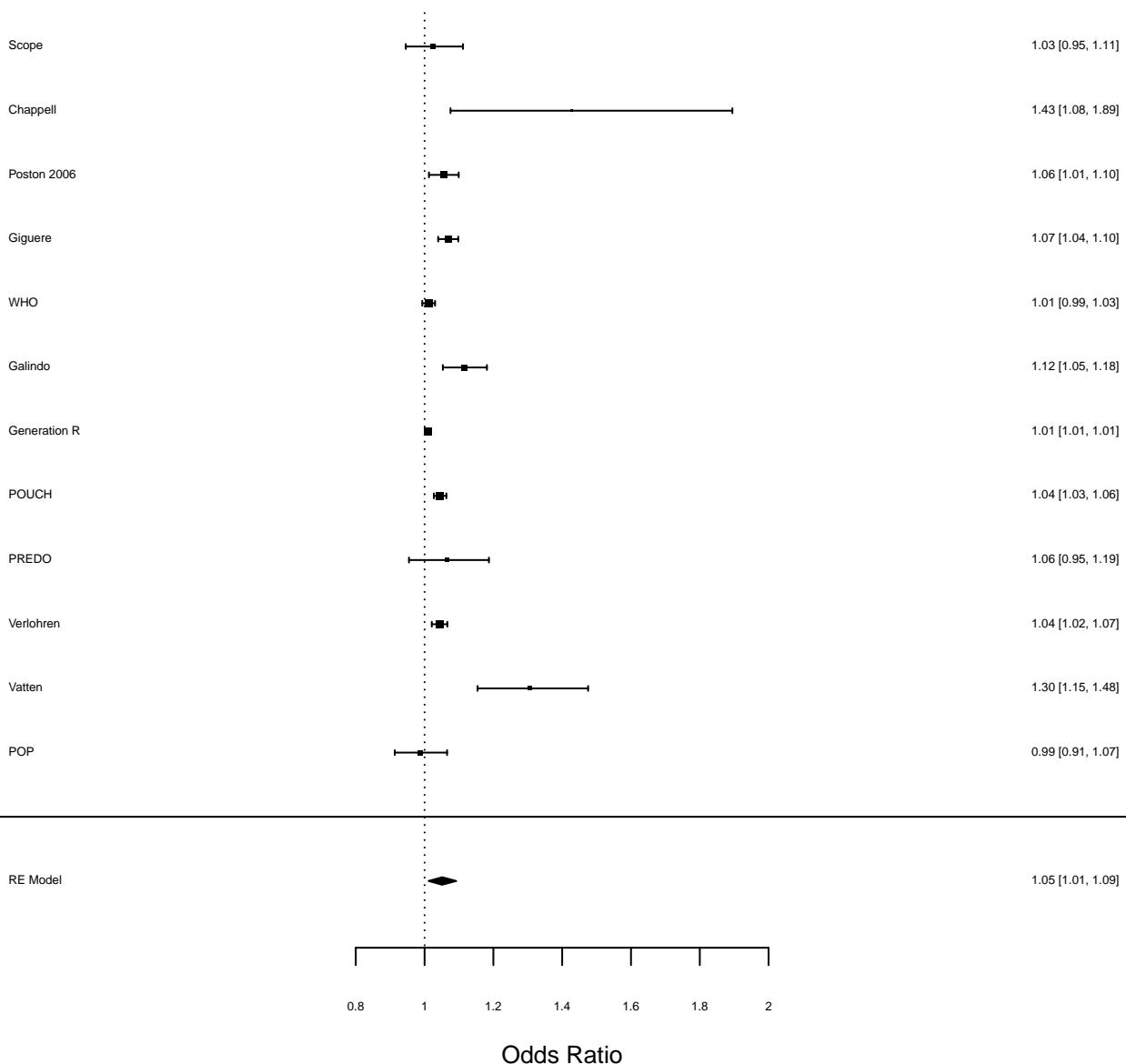
Supplementary Figure 78: Trimester 2 placental growth factor as a prognostic factor for early onset pre-eclampsia

Forest Plot to explore early onset pre-eclampsia with Soluble fms-like Tyrosine Kinase One Trimester 1



Supplementary Figure 79: Trimester 1 soluble fms-like tyrosine kinase one as a prognostic factor for early onset pre-eclampsia

Forest Plot to explore early onset pre-eclampsia with Soluble fms-like Tyrosine Kinase One Trimester 2



Supplementary Figure 80: Trimester 2 soluble fms-like tyrosine kinase one as a prognostic factor for early onset pre-eclampsia

Forest Plot to explore early onset pre-eclampsia with Pregnancy Associated Plasma Protein A Trimester 1

Allen

0.98 [0.90, 1.08]

Baschat

0.96 [0.93, 1.00]

Audibert

0.98 [0.93, 1.02]

Giguere

0.99 [0.98, 1.01]

Goetzinger

0.03 [0.00, 0.29]

PREDO

1.02 [0.98, 1.07]

Skrastad

1.02 [0.97, 1.07]

TEST

0.95 [0.86, 1.06]

POP

0.98 [0.95, 1.01]

RE Model

0.99 [0.97, 1.01]



Odds Ratio

Supplementary Figure 81: Trimester 1 pregnancy associated plasma protein A as a prognostic factor for early onset pre-eclampsia

Forest Plot to explore early onset pre-eclampsia with Pregnancy Associated Plasma Protein A Trimester 2

Scope



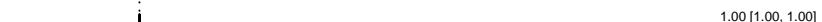
Giguere



TEST



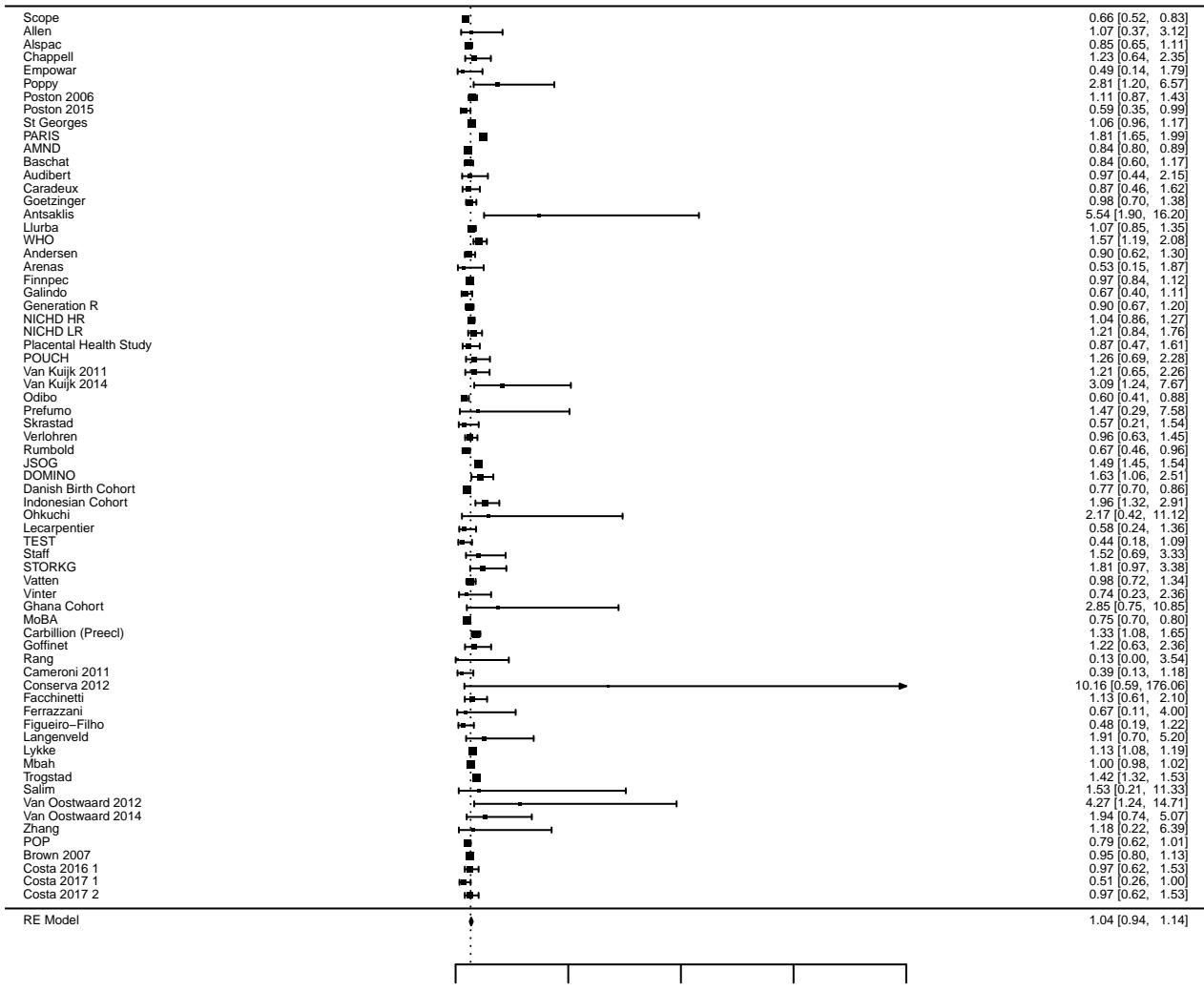
RE Model



Odds Ratio

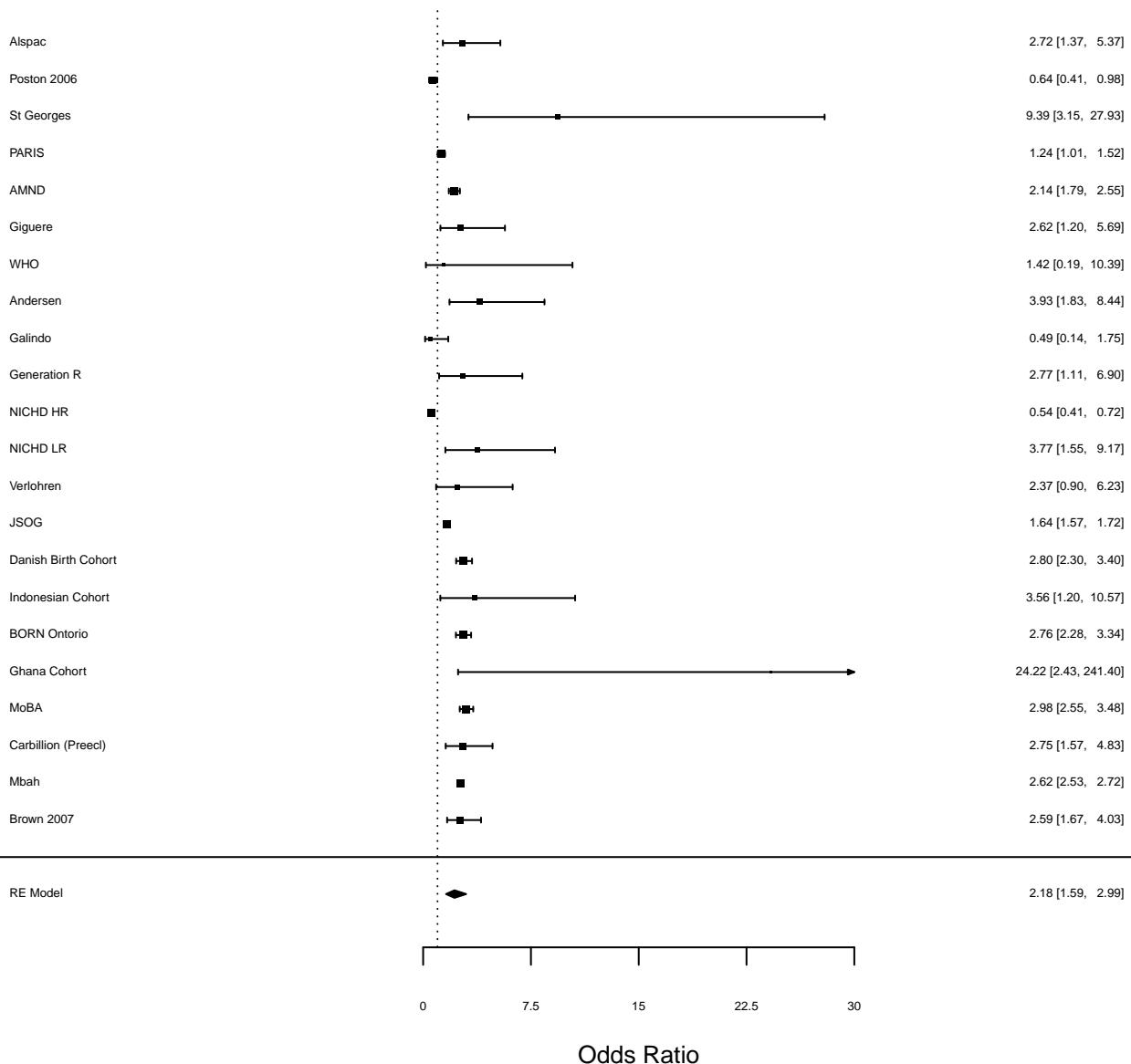
Supplementary Figure 82: Trimester 2 pregnancy associated plasma protein A as a prognostic factor for early onset pre-eclampsia

Forest Plot to explore late onset pre–eclampsia with Maternal Age



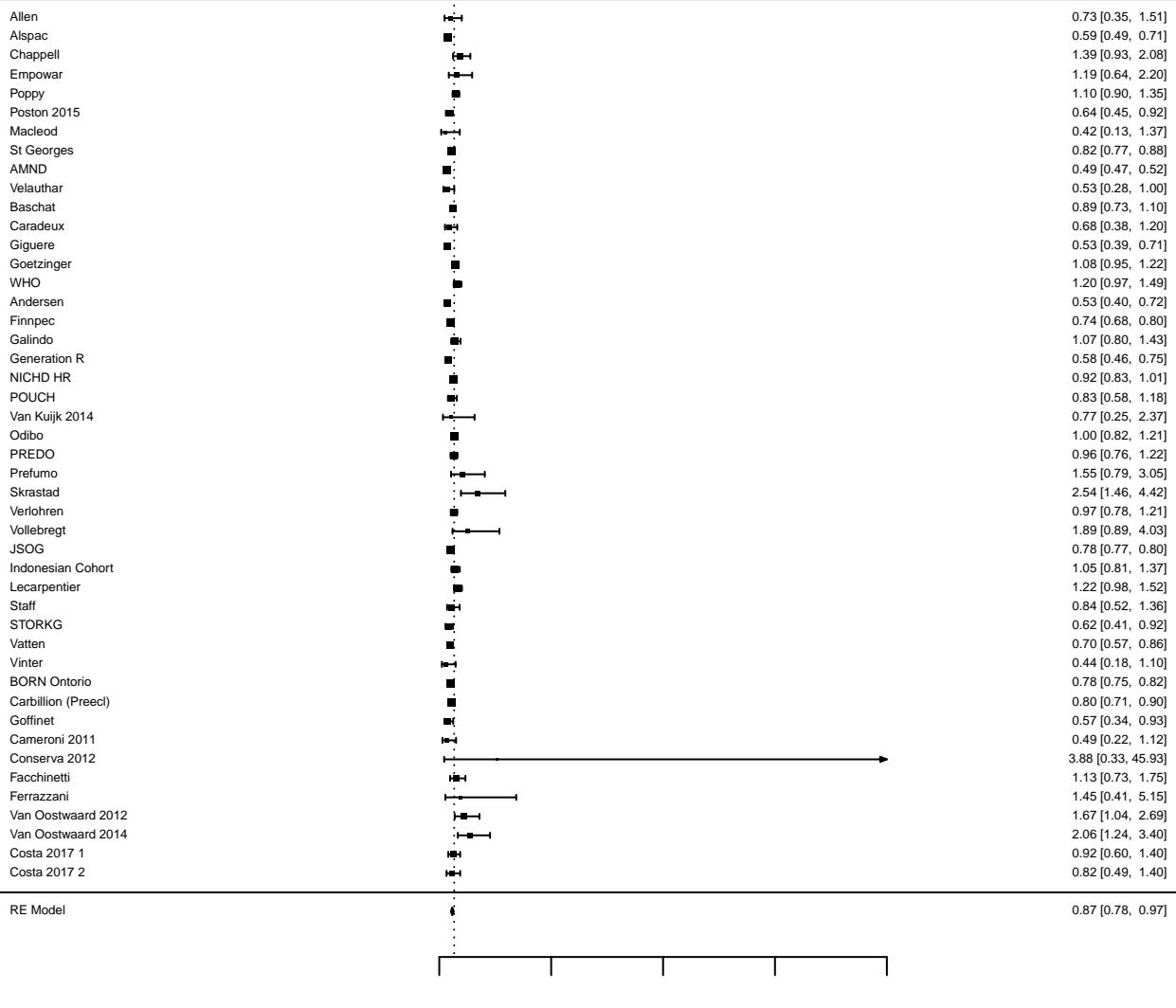
Supplementary Figure 83: Maternal age as a prognostic factor for late onset pre–eclampsia

Forest Plot to explore late onset pre-eclampsia with Multiple Current Pregnancy



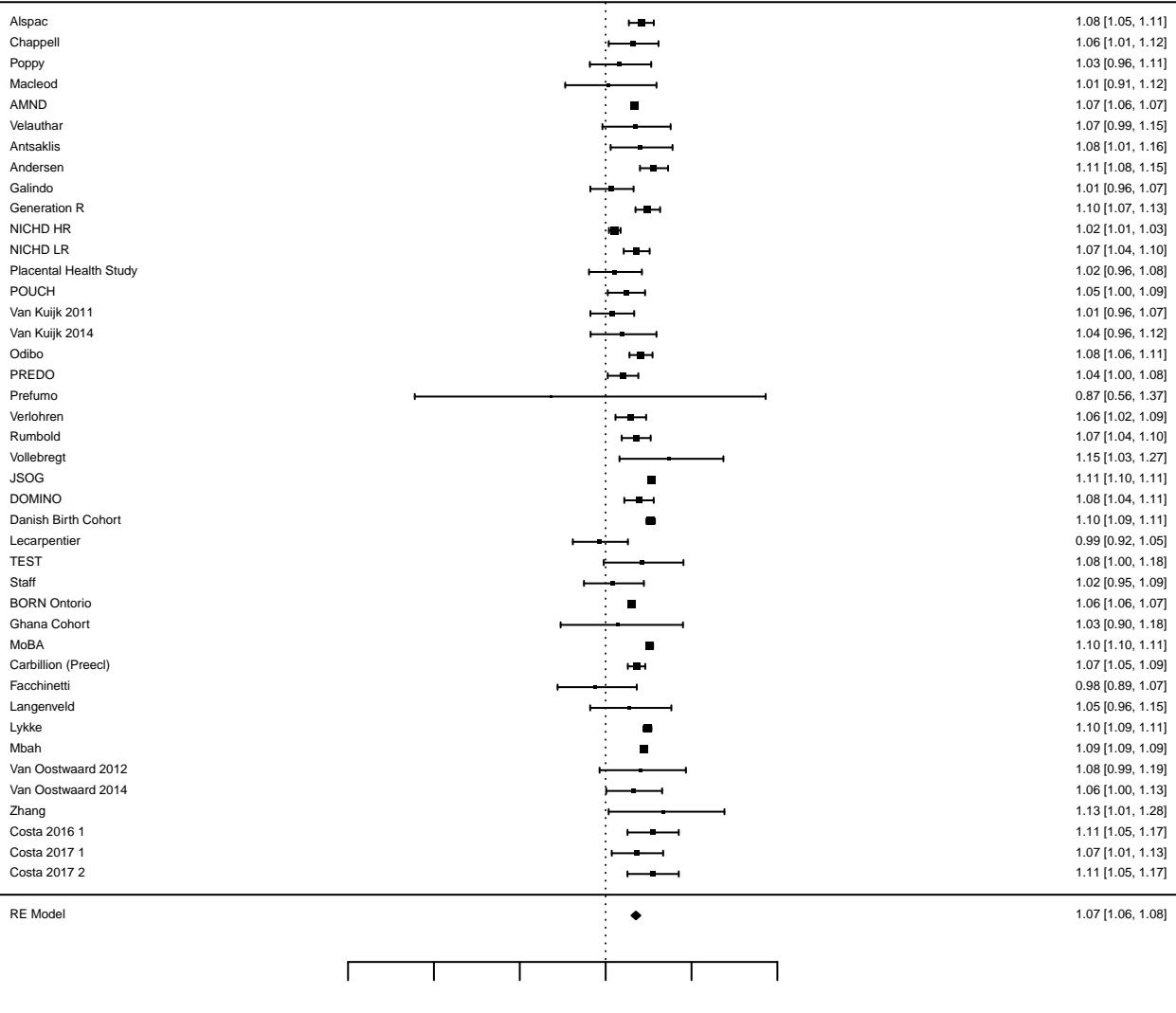
Supplementary Figure 84: Multiple current pregnancy as a prognostic factor for late onset pre-eclampsia

Forest Plot to explore late onset pre-eclampsia with Parity



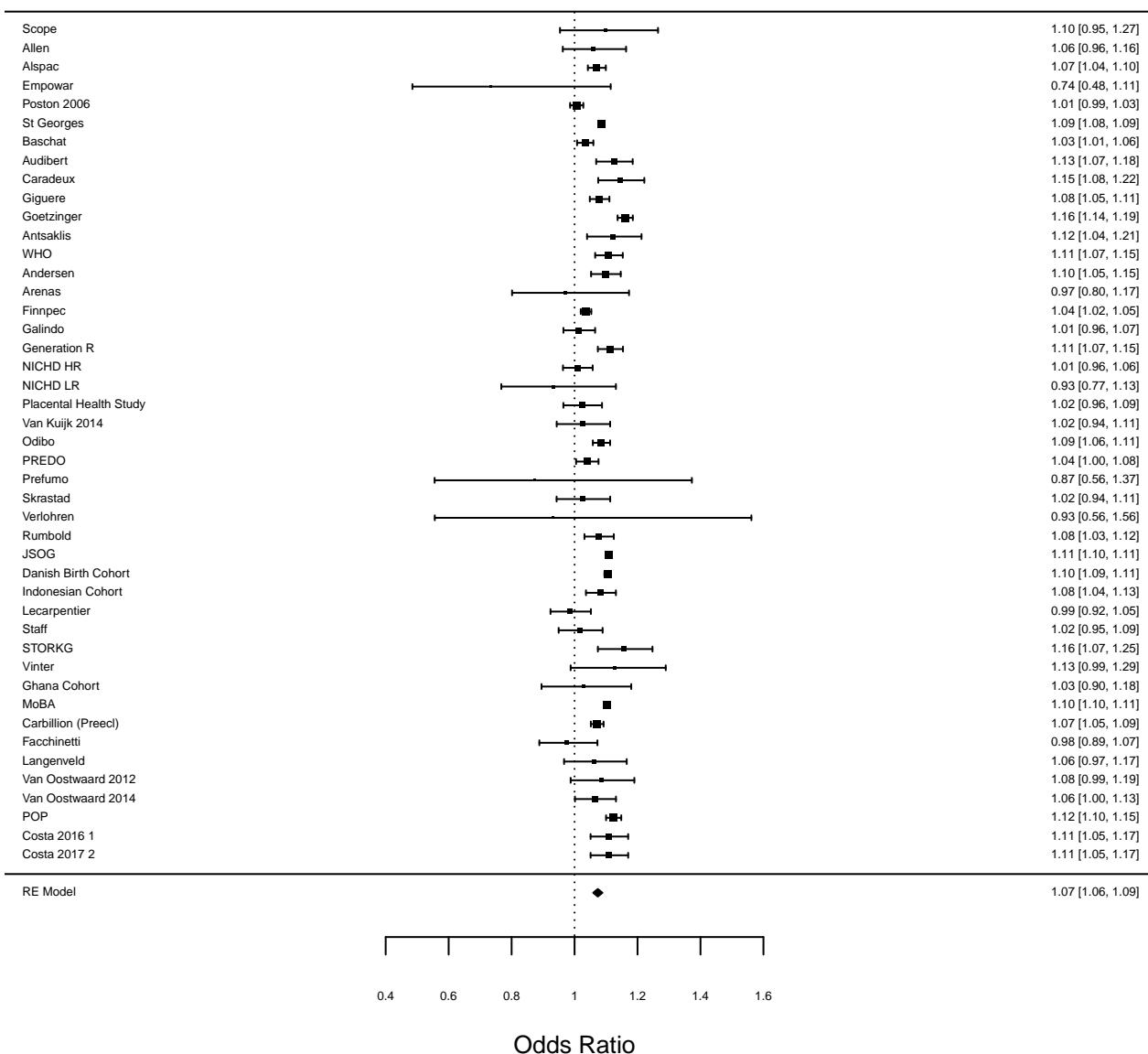
Supplementary Figure 85: Parity as a prognostic factor for late onset pre-eclampsia

Forest Plot to explore late onset pre–eclampsia with BMI



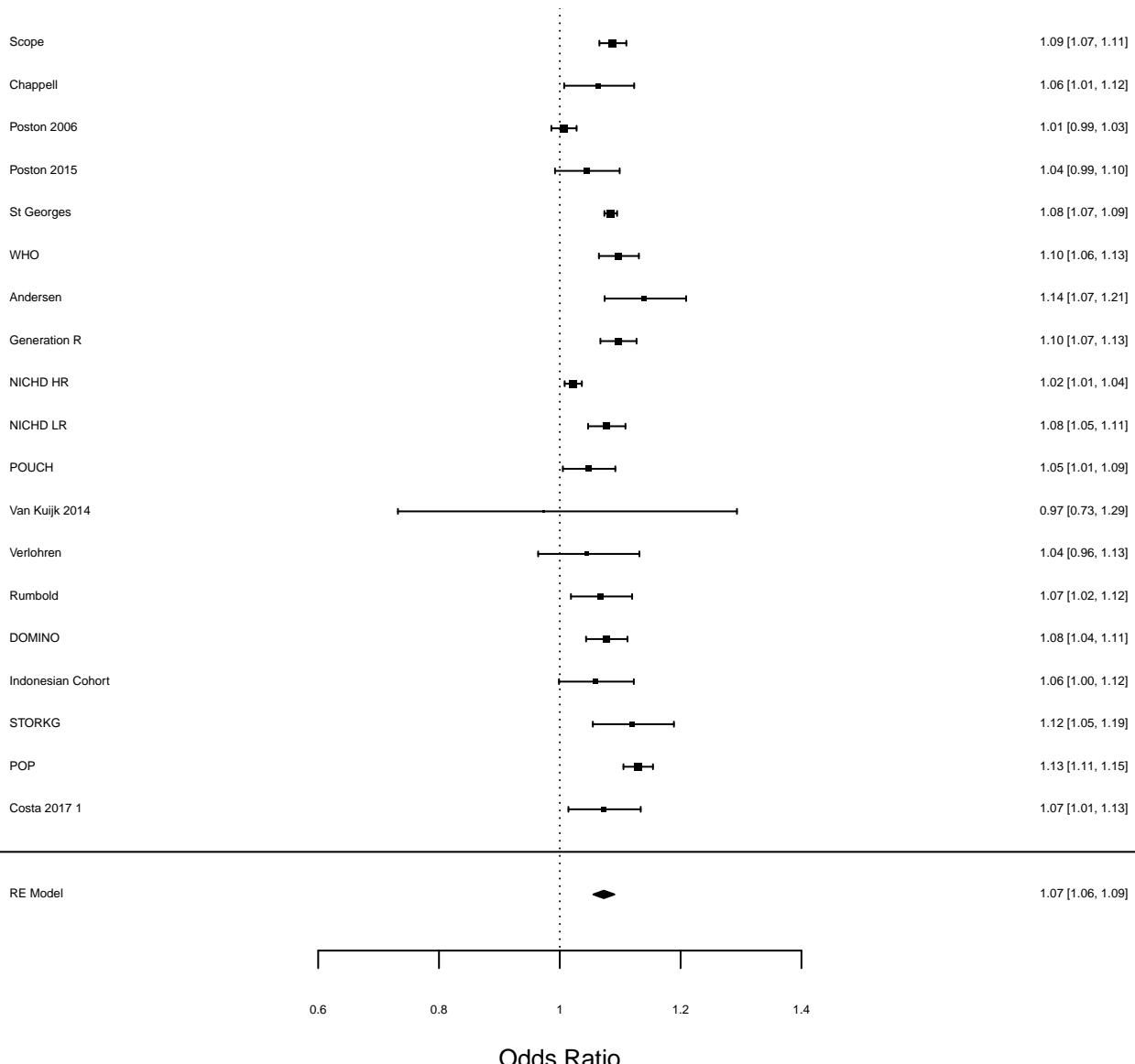
Supplementary Figure 86: BMI as a prognostic factor for late onset pre–eclampsia

Forest Plot to explore late onset pre-eclampsia with BMI Trimester 1



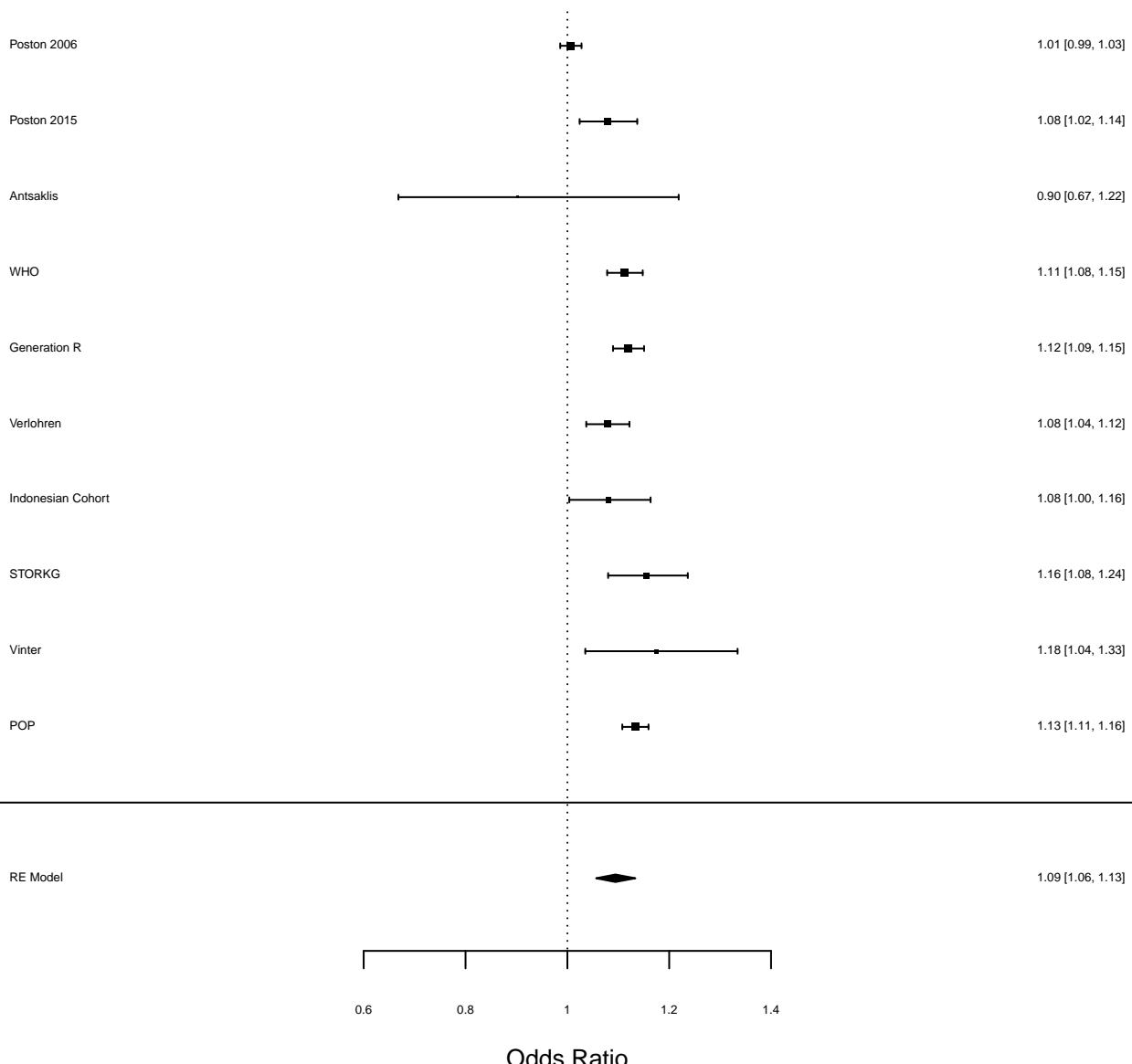
Supplementary Figure 87: Trimester 1 BMI as a prognostic factor for late onset pre-eclampsia

Forest Plot to explore late onset pre-eclampsia with BMI Trimester 2



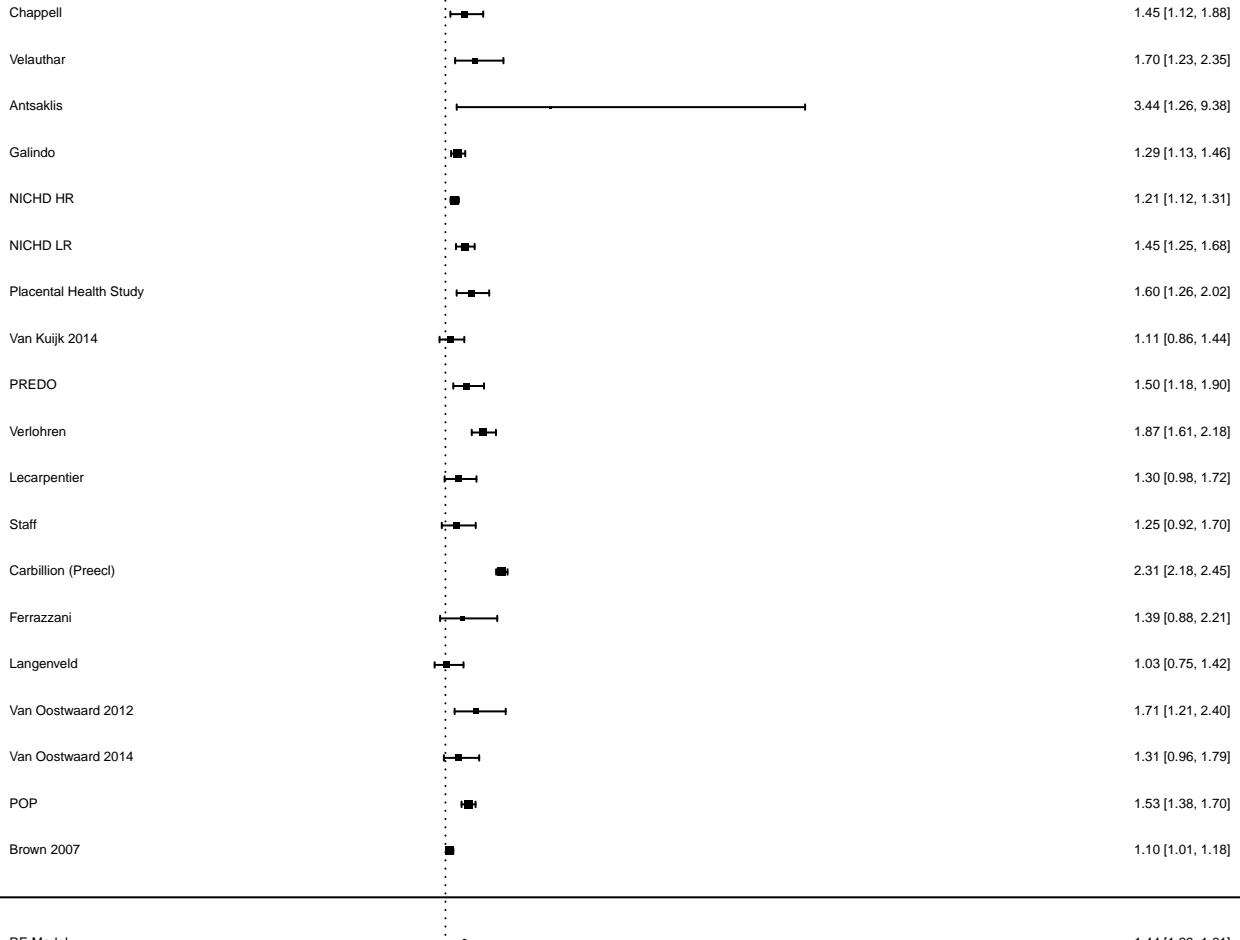
Supplementary Figure 88: Trimester 2 BMI as a prognostic factor for late onset pre-eclampsia

Forest Plot to explore late onset pre-eclampsia with BMI Trimester 3



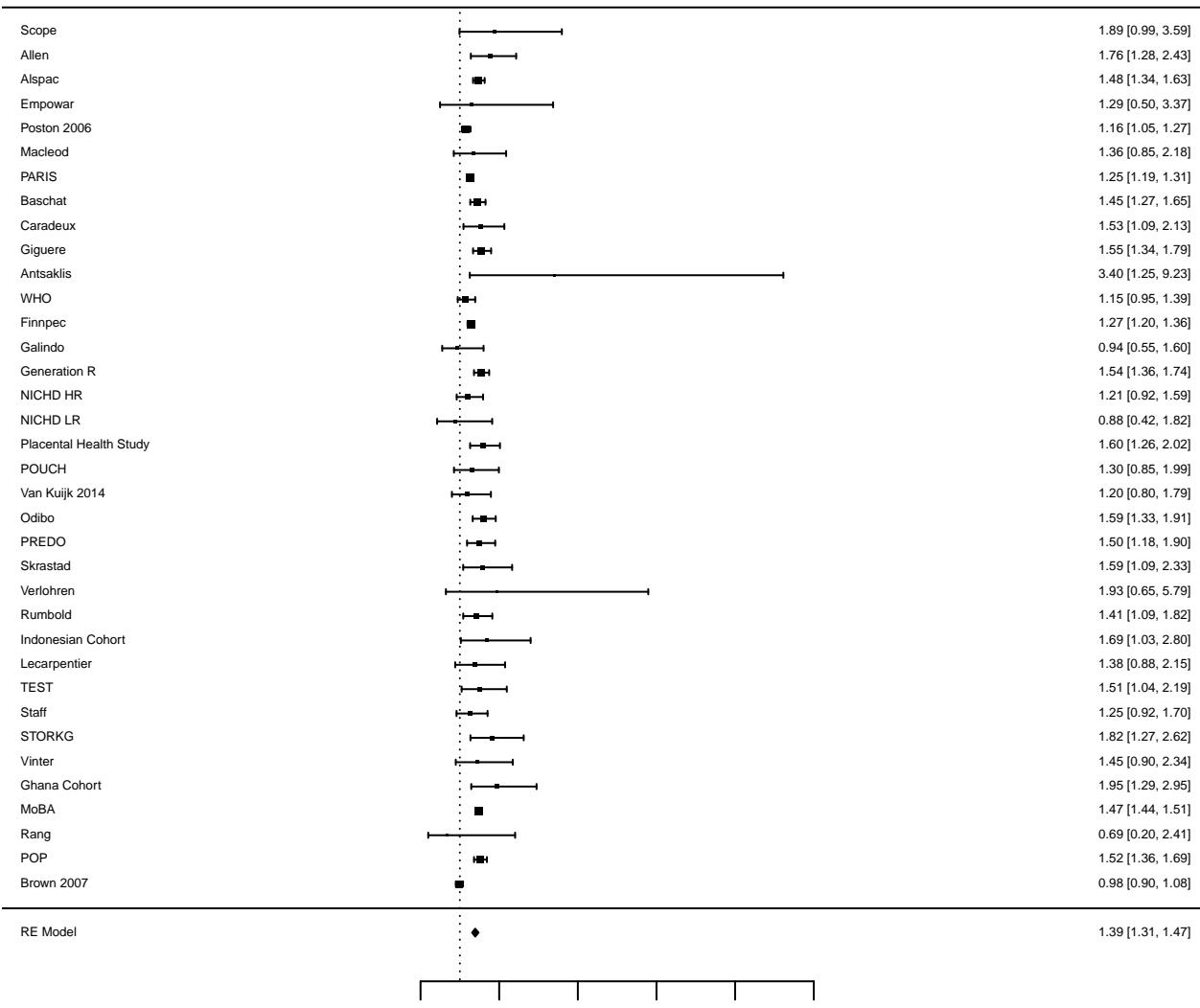
Supplementary Figure 89: Trimester 3 BMI as a prognostic factor for late onset pre-eclampsia

Forest Plot to explore late onset pre-eclampsia with Systolic Blood Pressure



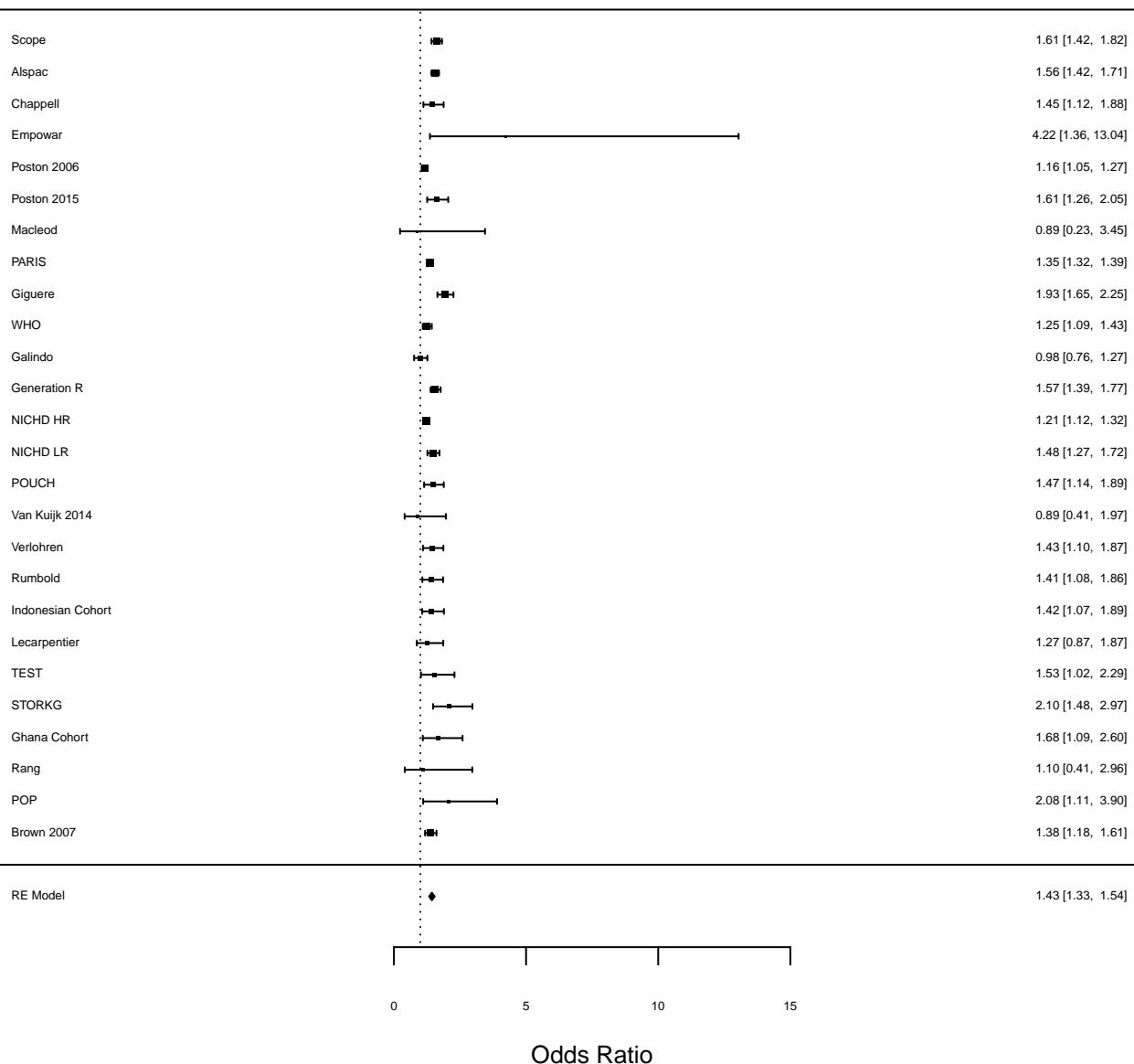
Odds Ratio

Forest Plot to explore late onset pre-eclampsia with Systolic Blood Pressure Trimester 1



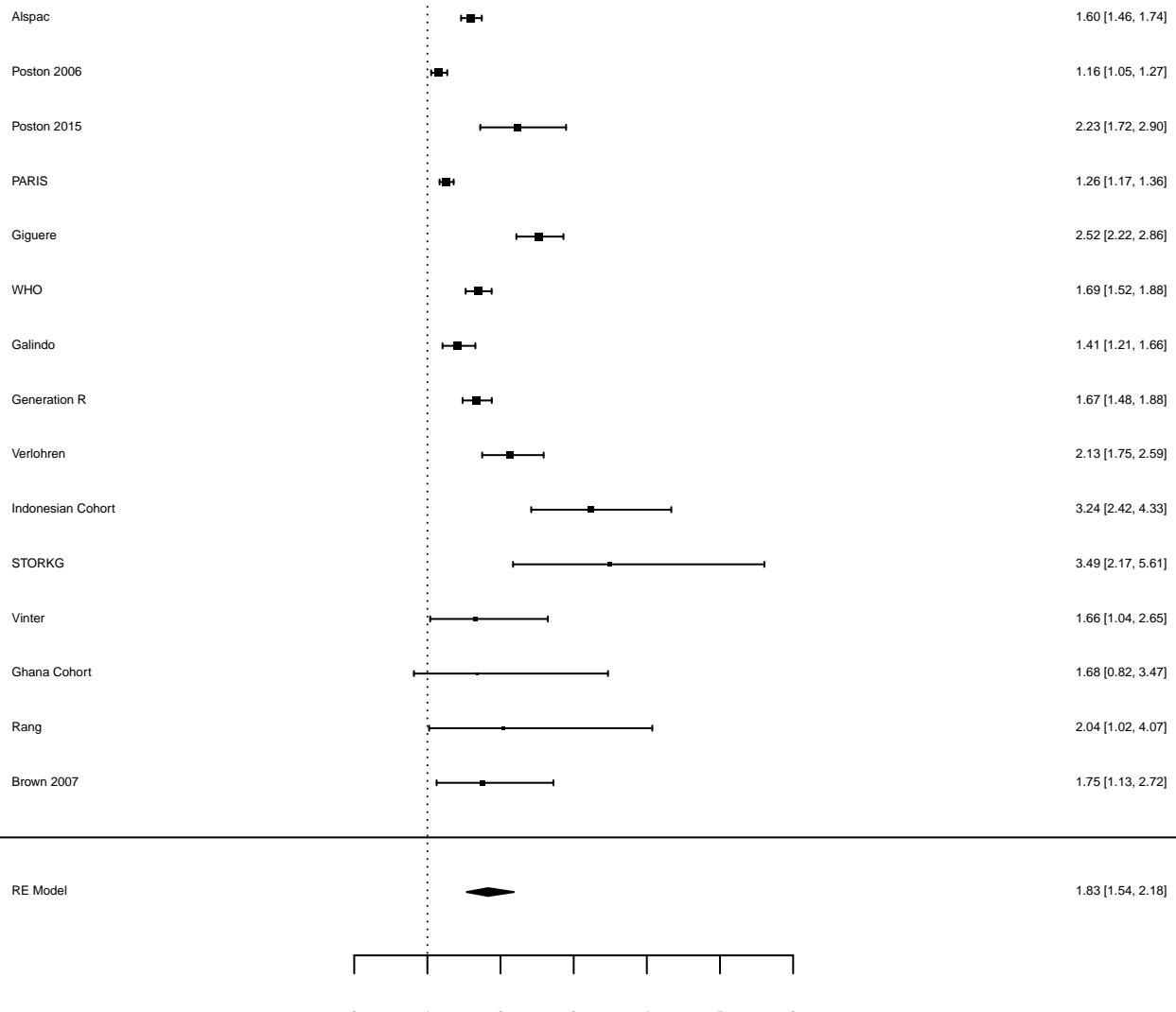
Odds Ratio

Forest Plot to explore late onset pre-eclampsia with Systolic Blood Pressure Trimester 2



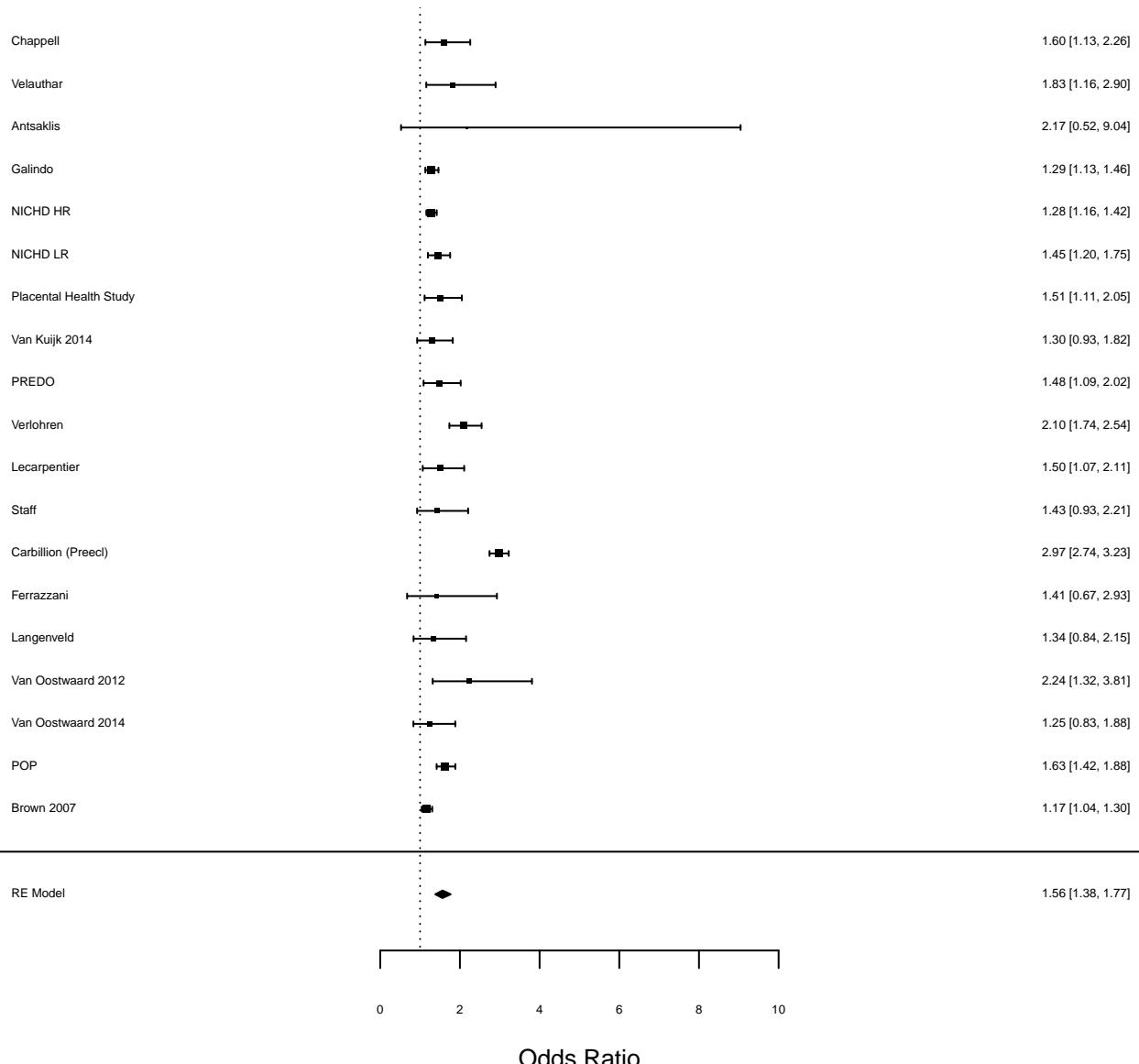
Supplementary Figure 92: Trimester 2 systolic blood pressure as a prognostic factor for late onset pre-eclampsia

Forest Plot to explore late onset pre-eclampsia with Systolic Blood Pressure Trimester 3



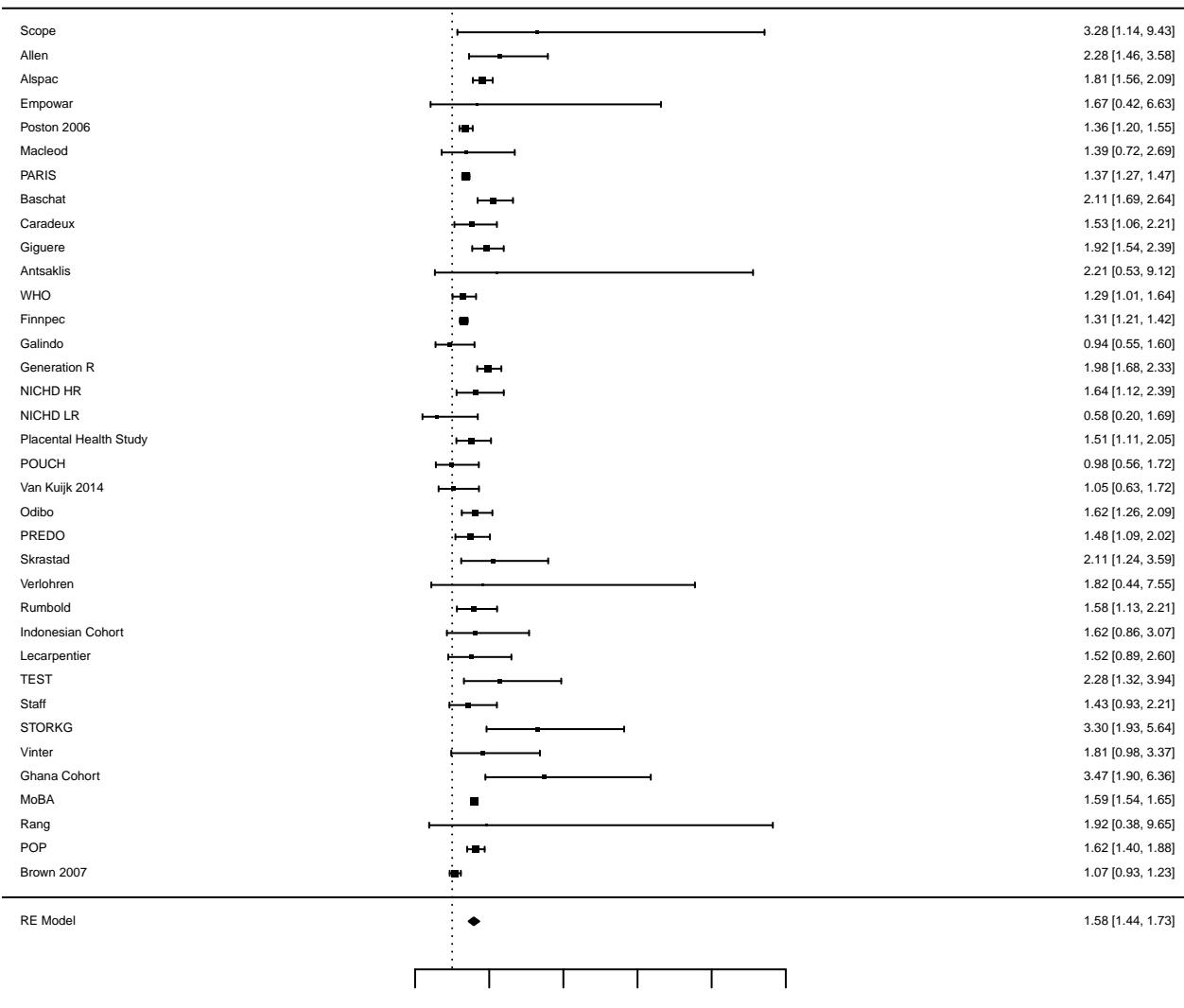
Supplementary Figure 93: Trimester 3 systolic blood pressure as a prognostic factor for late onset pre-eclampsia

Forest Plot to explore late onset pre-eclampsia with Diastolic Blood Pressure



Supplementary Figure 94: Diastolic blood pressure as a prognostic factor for late onset pre-eclampsia

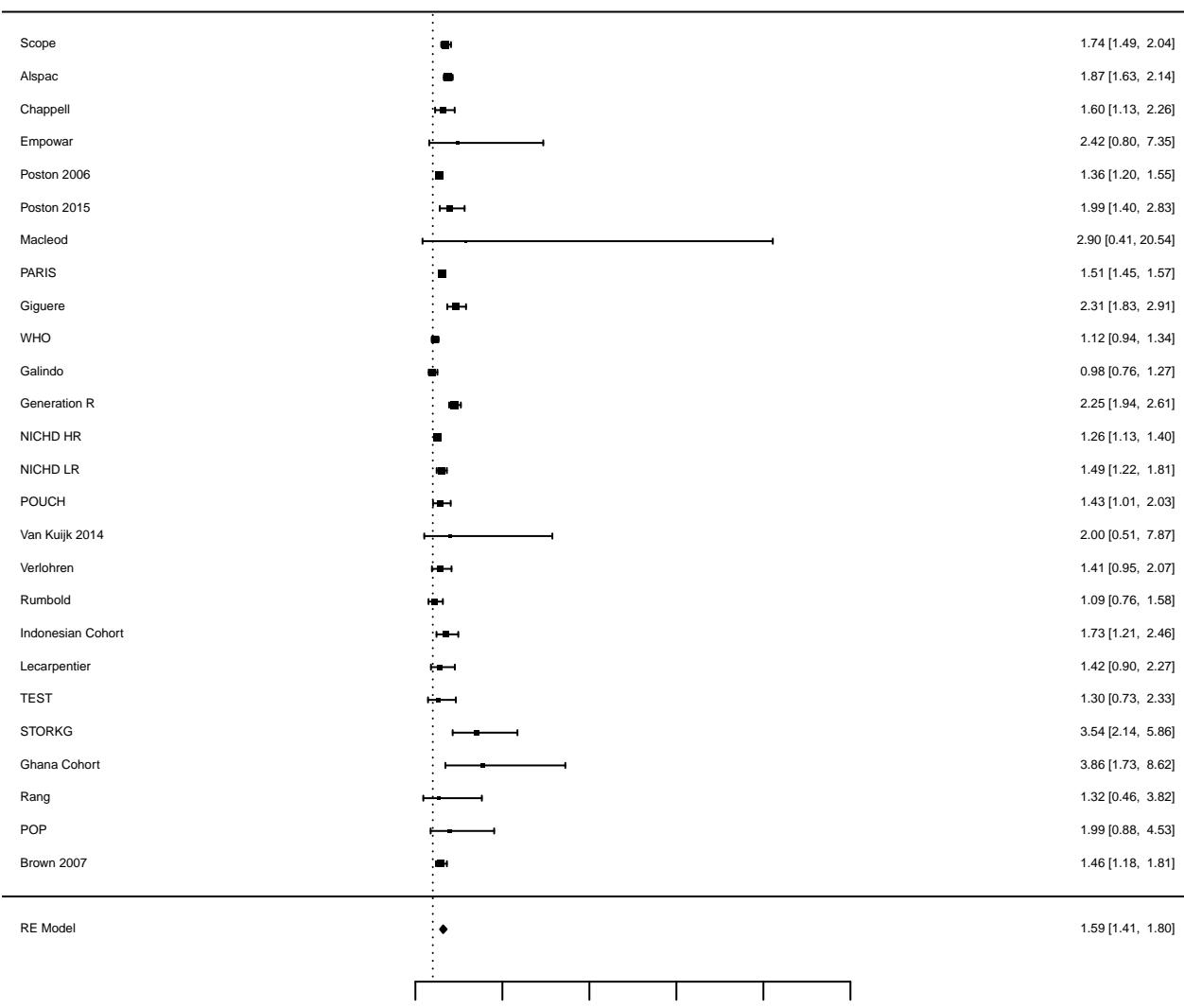
Forest Plot to explore late onset pre-eclampsia with Diastolic Blood Pressure Trimester 1



Odds Ratio

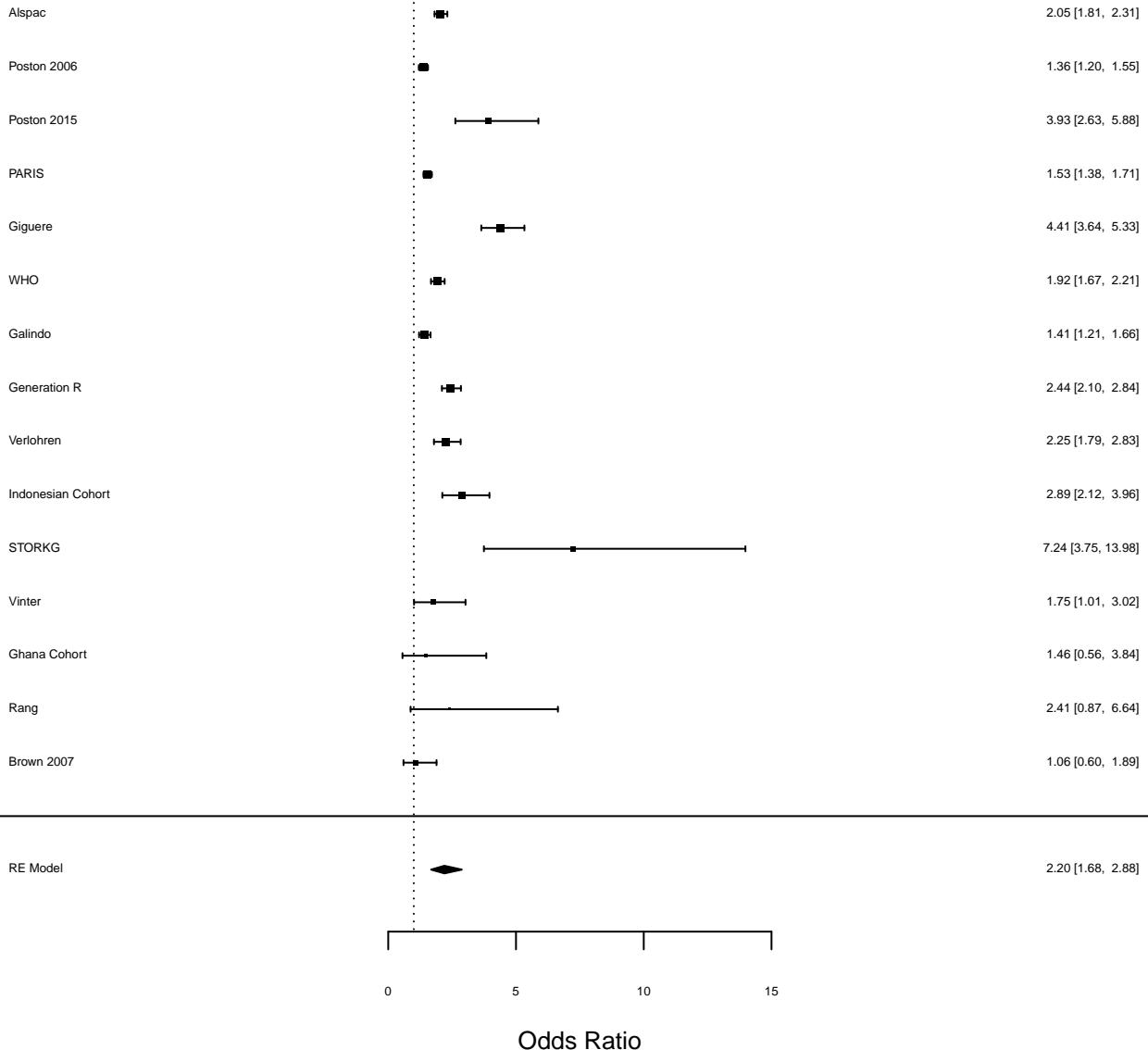
Supplementary Figure 95: Trimester 1 diastolic blood pressure as a prognostic factor for late onset pre-eclampsia

Forest Plot to explore late onset pre-eclampsia with Diastolic Blood Pressure Trimester 2



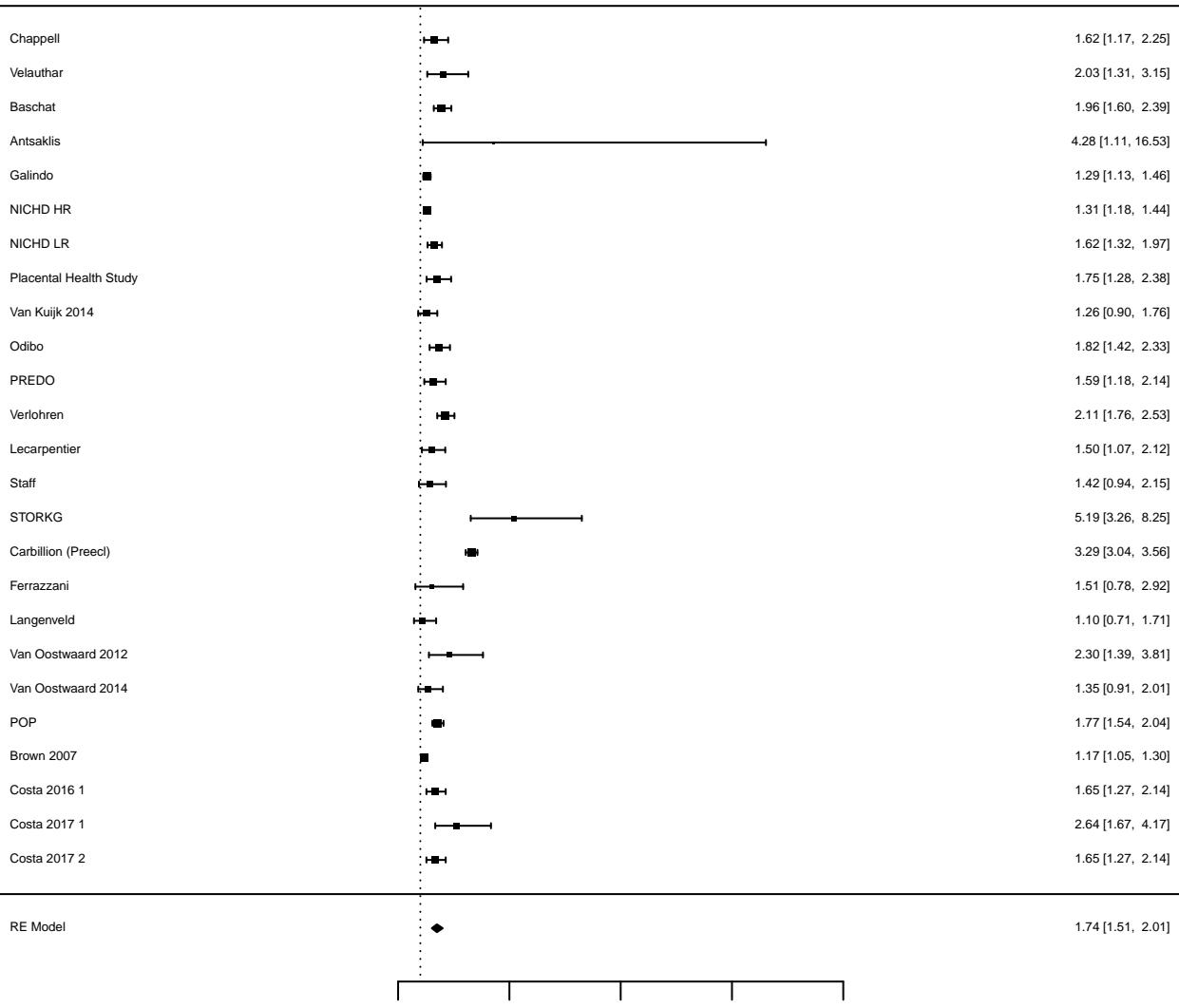
Odds Ratio

Forest Plot to explore late onset pre-eclampsia with Diastolic Blood Pressure Trimester 3



Supplementary Figure 97: Trimester 3 diastolic blood pressure as a prognostic factor for late onset pre-eclampsia

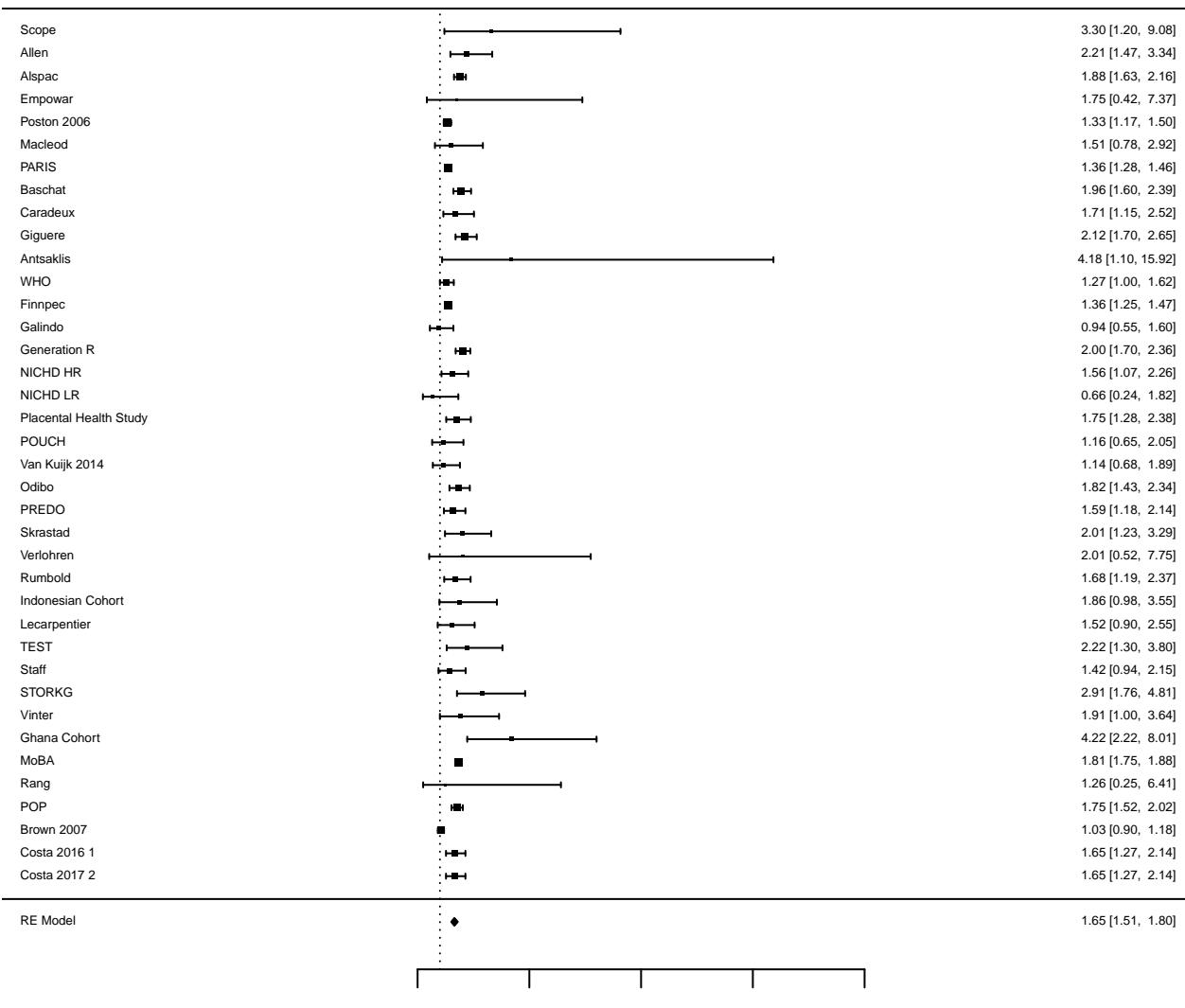
Forest Plot to explore late onset pre–eclampsia with Mean Arterial Pressure



Odds Ratio

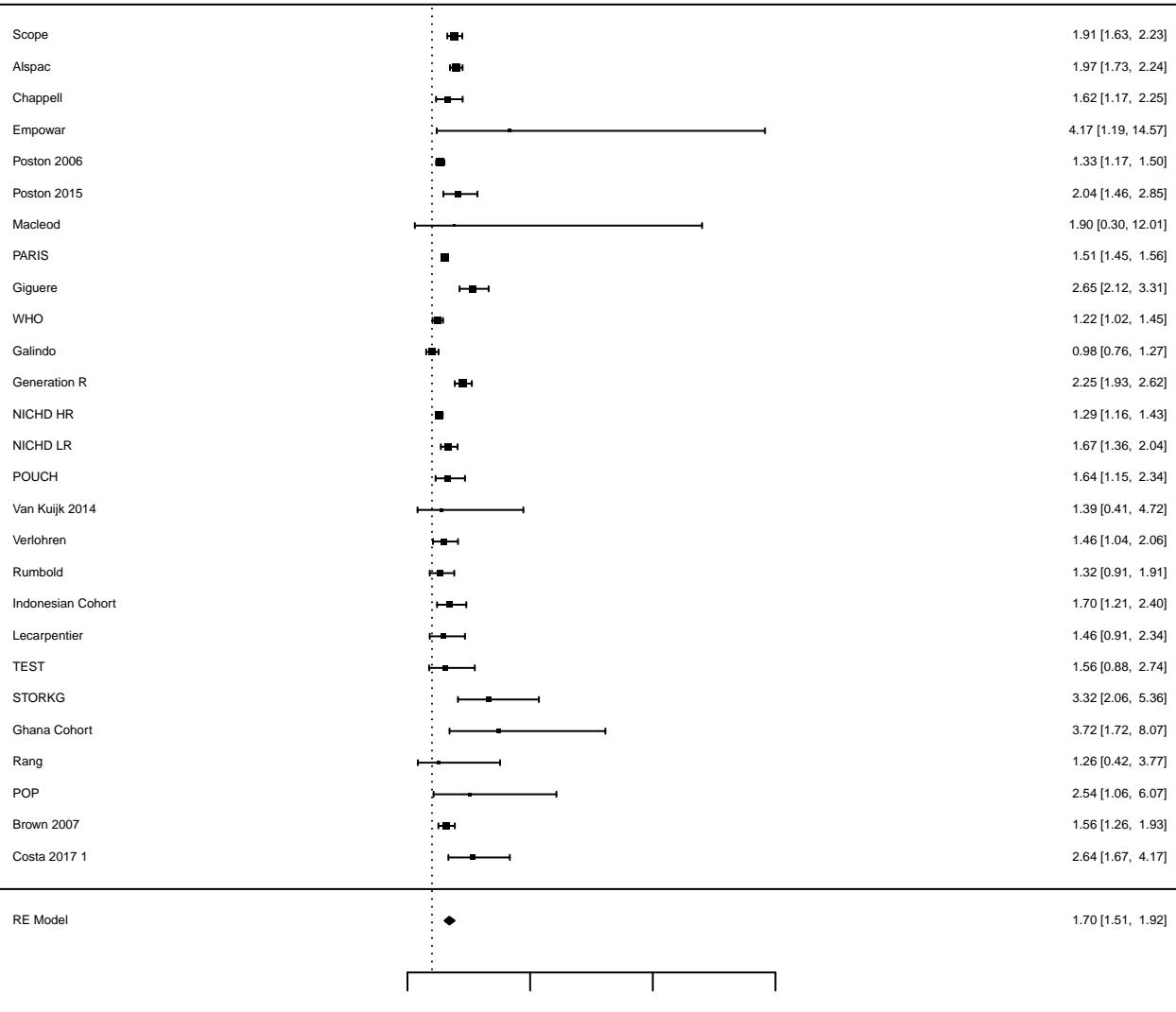
Supplementary Figure 98: Mean arterial pressure as a prognostic factor for late onset pre–eclampsia

Forest Plot to explore late onset pre-eclampsia with Mean Arterial Pressure Trimester 1



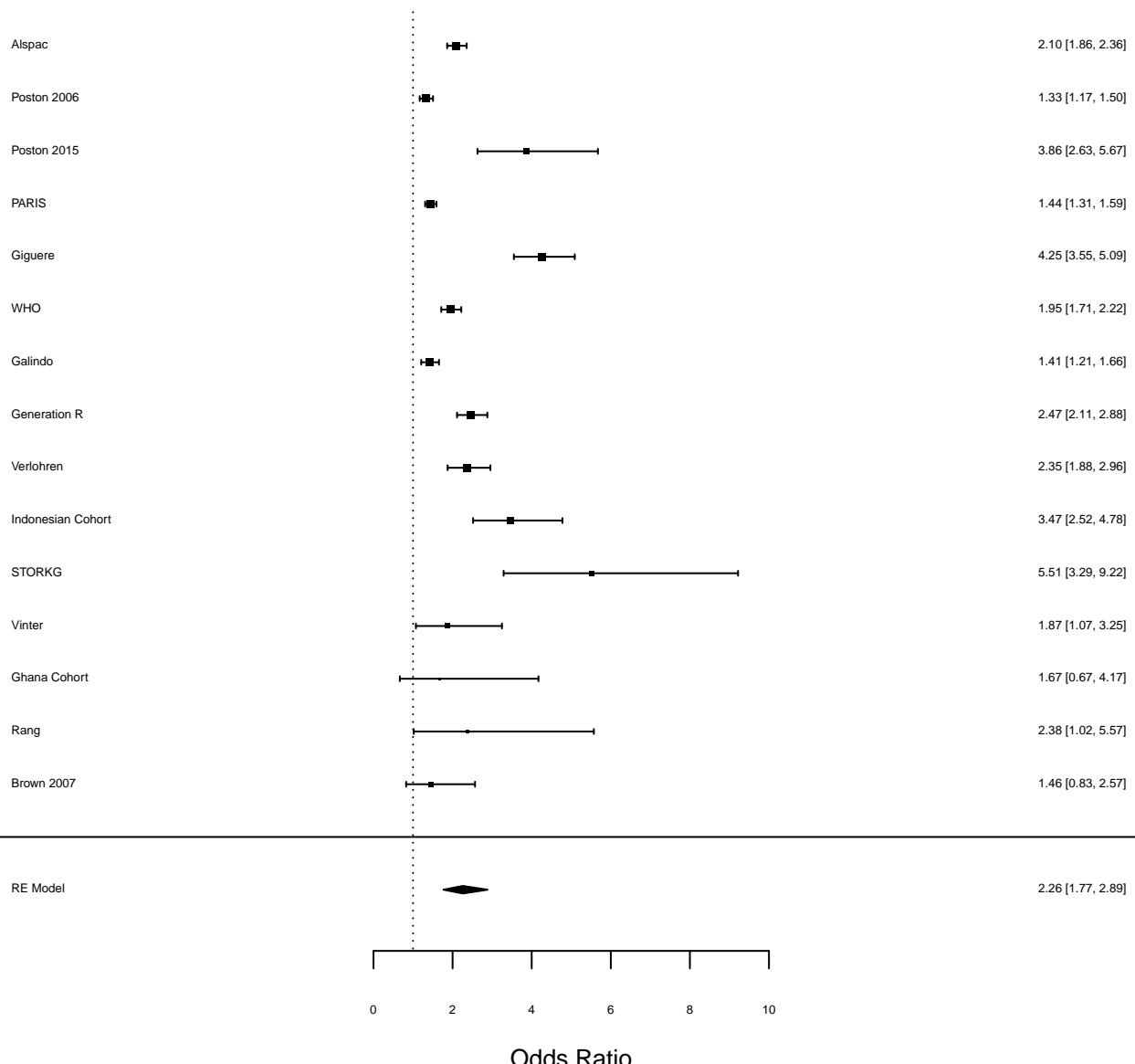
Supplementary Figure 99: Trimester 1 mean arterial pressure as a prognostic factor for late onset pre-eclampsia

Forest Plot to explore late onset pre-eclampsia with Mean Arterial Pressure Trimester 2



Odds Ratio

Forest Plot to explore late onset pre-eclampsia with Mean Arterial Pressure Trimester 3



Supplementary Figure 101: Trimester 3 mean arterial pressure as a prognostic factor for late onset pre-eclampsia

Forest Plot to explore late onset pre-eclampsia with Protein Creatine Ratio

Poston 2006



1.00 [1.00, 1.00]

Velauthar



1.02 [1.01, 1.03]

Placental Health Study



1.00 [1.00, 1.01]

RE Model



1.01 [0.98, 1.04]

0.99 1 1.01 1.02 1.03 1.04

Odds Ratio

Forest Plot to explore late onset pre-eclampsia with Protein Creatine Ratio Trimester 1

Scope



0.75 [0.34, 1.67]

FE Model



0.75 [0.34, 1.67]



Odds Ratio

Supplementary Figure 103: Trimester 1 protein creatine ratio as a prognostic factor for late onset pre-eclampsia

Forest Plot to explore late onset pre-eclampsia with Protein Creatine Ratio Trimester 2

Scope



0.97 [0.92, 1.03]

FE Model



0.97 [0.92, 1.03]



0.9 0.92 0.94 0.96 0.98 0.99 1 1.02 1.04

Odds Ratio

Forest Plot to explore late onset pre-eclampsia with Urine Dipstick

Finnpec

HH

2.85 [2.19, 3.70]

NICHD HR

■

0.95 [0.72, 1.23]

Placental Health Study

■

0.58 [0.45, 0.75]

PRED0

—

2.76 [0.46, 16.38]

Verloren

—

5.23 [3.67, 7.45]

Rumbold

■

1.16 [0.52, 2.59]

Carbillion (Preec)

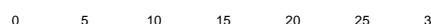
—

20.09 [14.86, 27.15]

RE Model

—

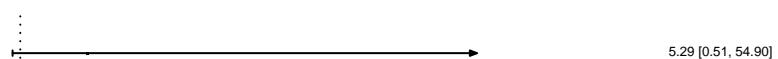
2.45 [0.79, 7.65]



Odds Ratio

Forest Plot to explore late onset pre-eclampsia with Urine Dipstick Trimester 1

Scope



Alspac



Poston 2006



NICHD HR



Rumbold



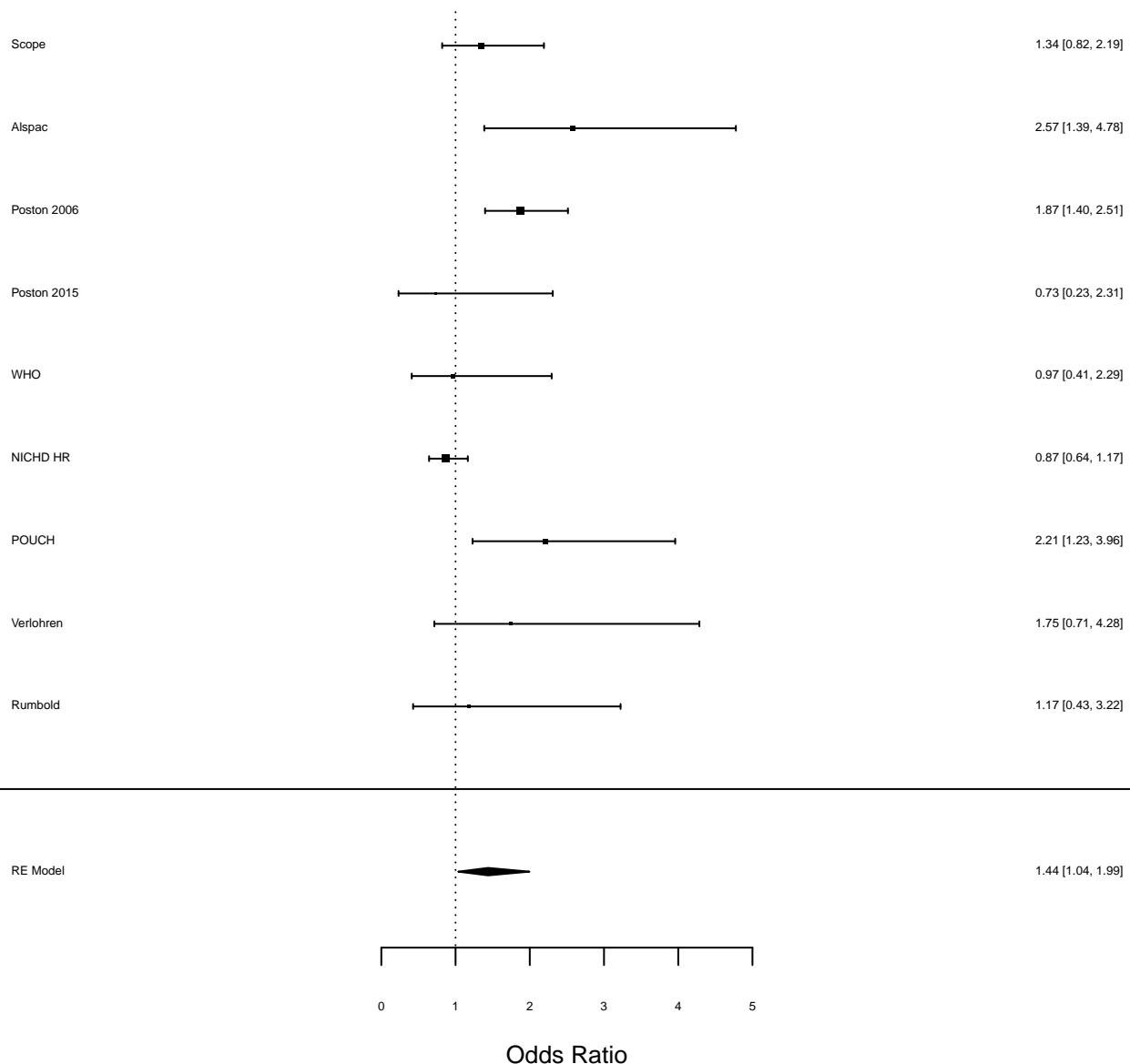
RE Model



Odds Ratio

Supplementary Figure 106: Trimester 1 urine dipstick as a prognostic factor for late onset pre-eclampsia

Forest Plot to explore late onset pre-eclampsia with Urine Dipstick Trimester 2



Supplementary Figure 107: Trimester 2 urine dipstick as a prognostic factor for late onset pre-eclampsia

Forest Plot to explore late onset pre-eclampsia with Urine Dipstick Trimester 3

Alspac



2.81 [1.89, 4.19]

Poston 2006



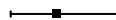
1.87 [1.40, 2.51]

Poston 2015



1.37 [0.61, 3.05]

WHO



3.11 [2.20, 4.39]

Verloren



5.37 [3.63, 7.96]

RE Model

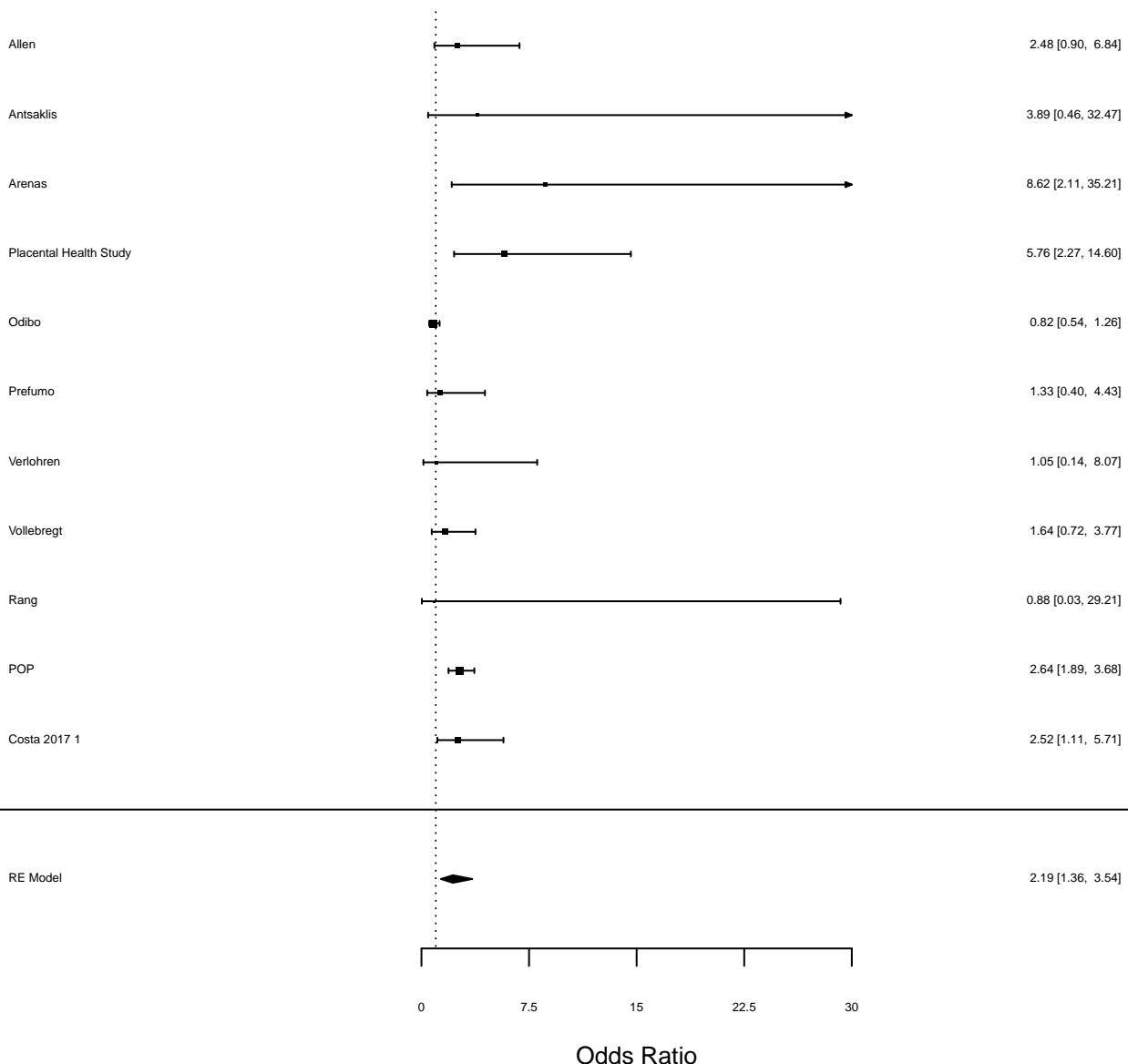


2.73 [1.47, 5.04]



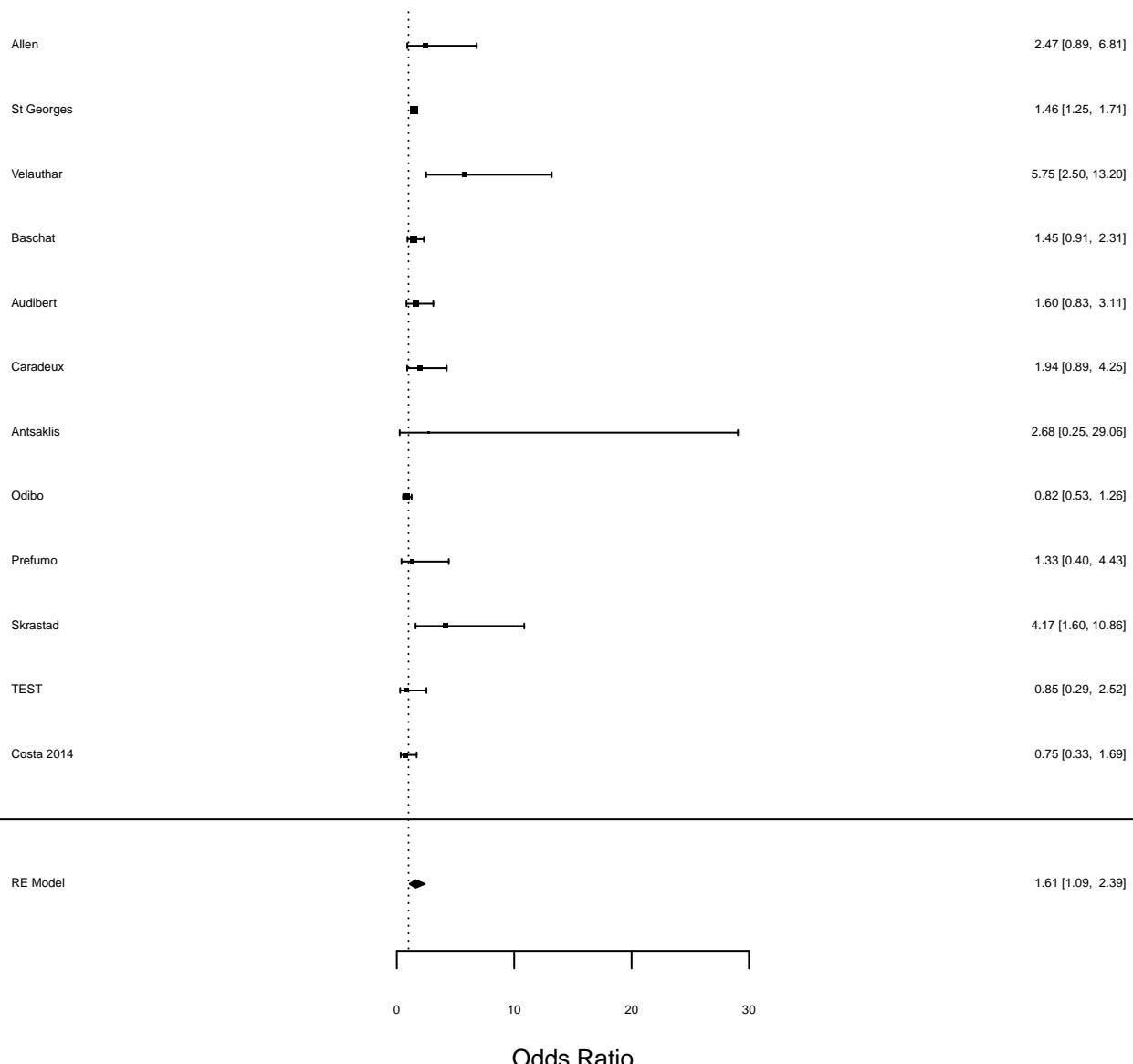
Odds Ratio

Forest Plot to explore late onset pre-eclampsia with Uterine Artery Pulsatility Index



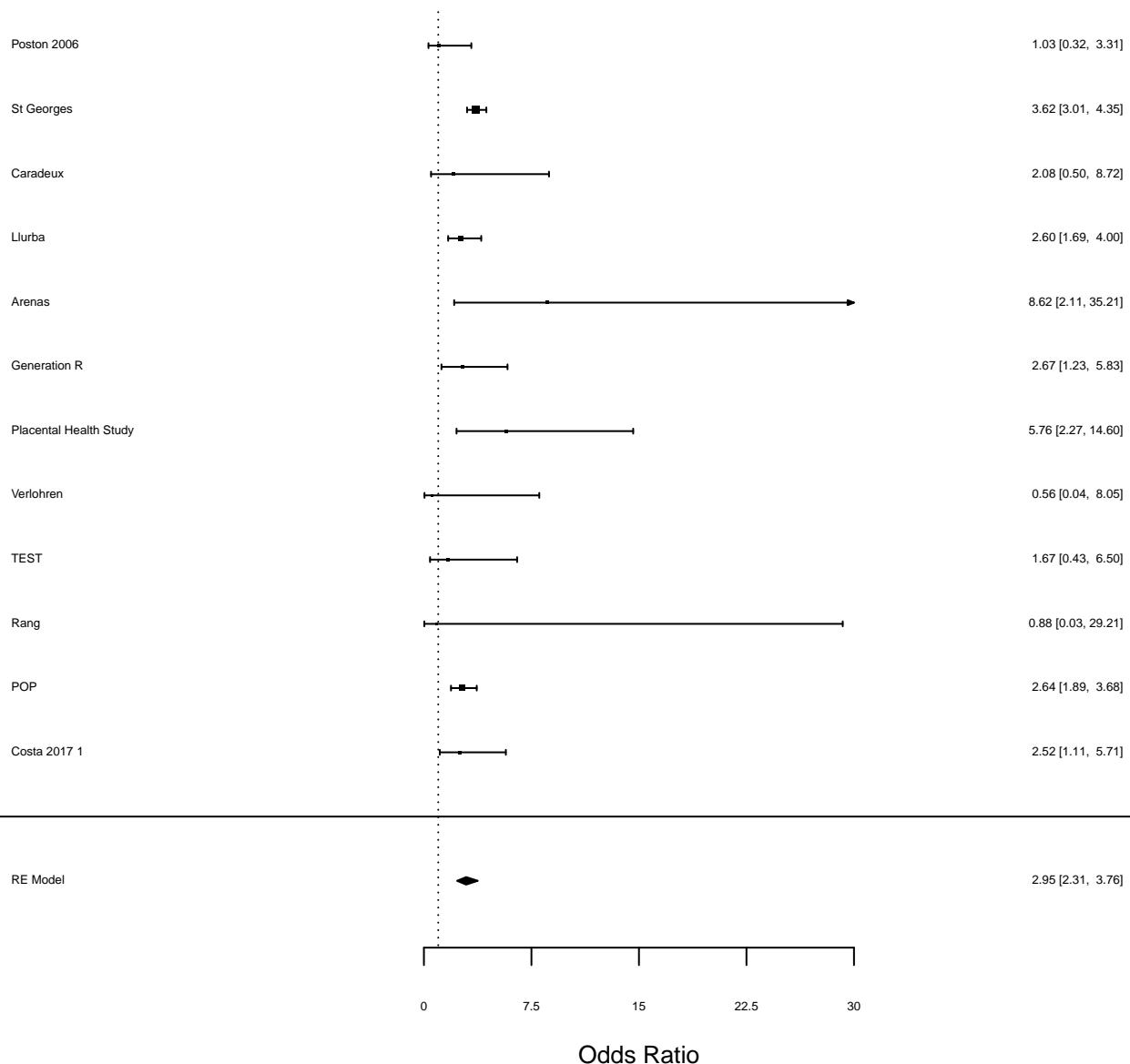
Supplementary Figure 109: Uterine artery pulsatility index as a prognostic factor for late onset pre-eclampsia

Forest Plot to explore late onset pre-eclampsia with Uterine Artery Pulsatility Index Trimester 1



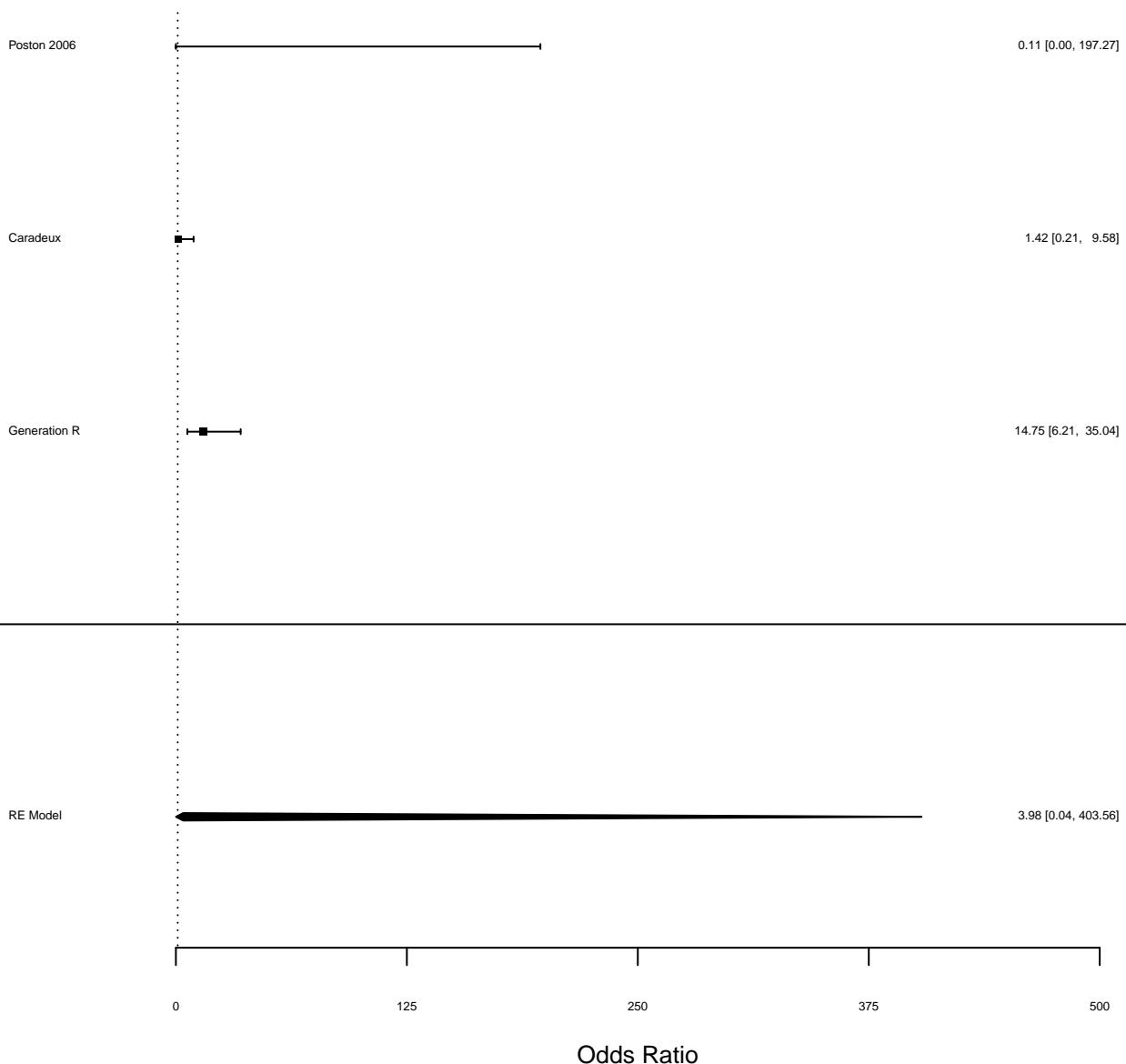
Supplementary Figure 110: Trimester 1 uterine artery pulsatility index as a prognostic factor for late onset pre-eclampsia

Forest Plot to explore late onset pre-eclampsia with Uterine Artery Pulsatility Index Trimester 2



Supplementary Figure 111: Trimester 2 uterine artery pulsatility index as a prognostic factor for late onset pre-eclampsia

Forest Plot to explore late onset pre-eclampsia with Uterine Artery Pulsatility Index Trimester 3



Supplementary Figure 112: Trimester 3 uterine artery pulsatility index as a prognostic factor for late onset pre-eclampsia

Forest Plot to explore late onset pre-eclampsia with Umbilical Artery Pulsatility Index

Arenas

70.63 [3.59, 1388.49]

Galindo

0.14 [0.03, 0.63]

Placental Health Study

1.61 [0.30, 8.77]

Verloehren

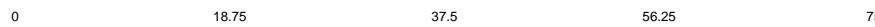
0.17 [0.05, 0.62]

POP

0.87 [0.45, 1.65]

RE Model

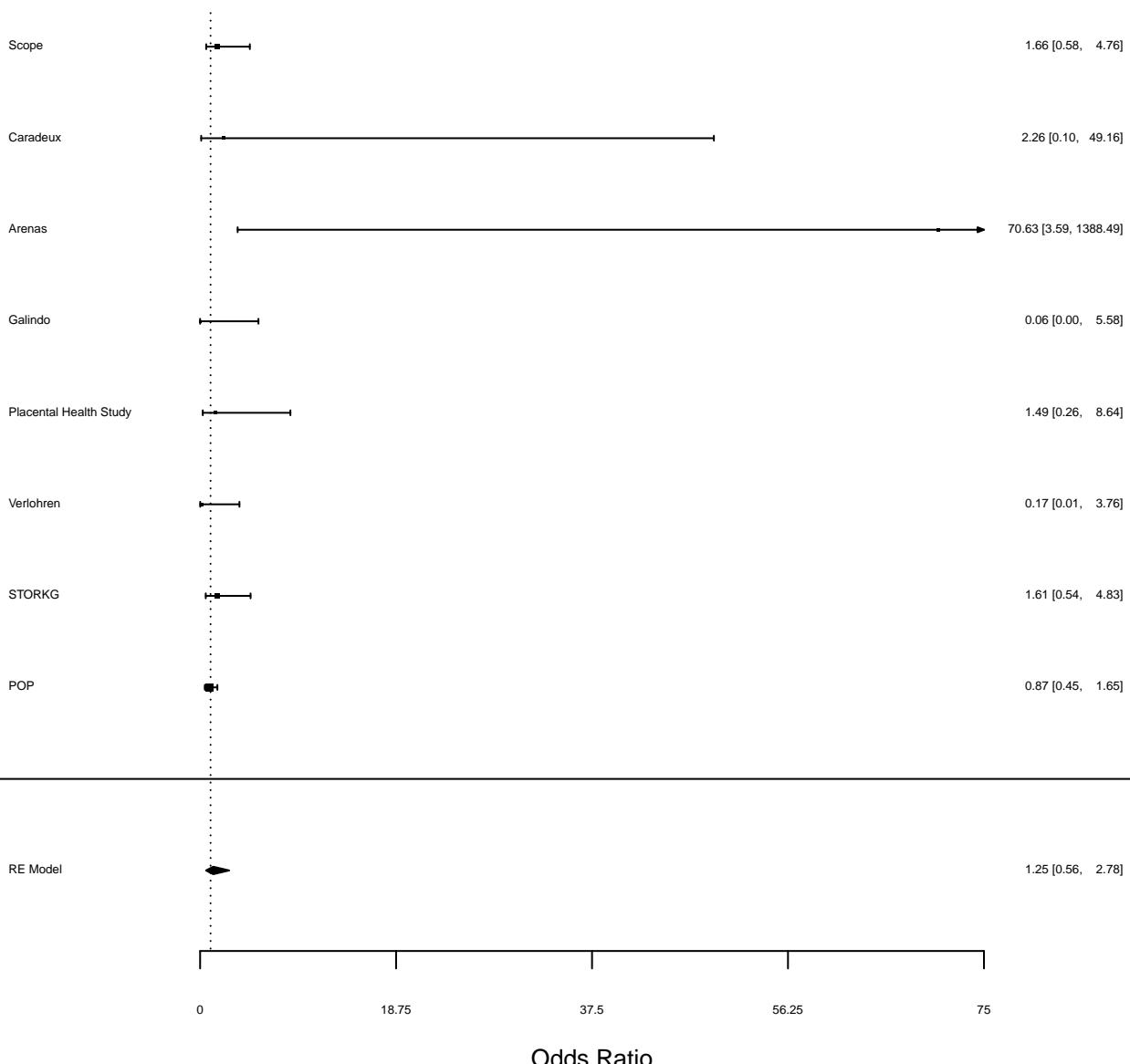
0.91 [0.05, 15.46]



Odds Ratio

Supplementary Figure 113: Umbilical artery pulsatility index as a prognostic factor for late onset pre-eclampsia

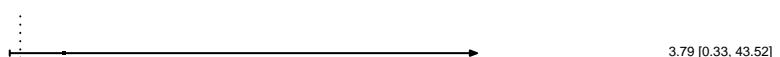
Forest Plot to explore late onset pre-eclampsia with Umbilical Artery Pulsatility Index Trimester 2



Supplementary Figure 114: Trimester 2 umbilical artery pulsatility index as a prognostic factor for late onset pre-eclampsia

Forest Plot to explore late onset pre-eclampsia with Umbilical Artery Pulsatility Index Trimester 3

MacLeod



Caradeux



Galindo



Verlorenh



STORKG



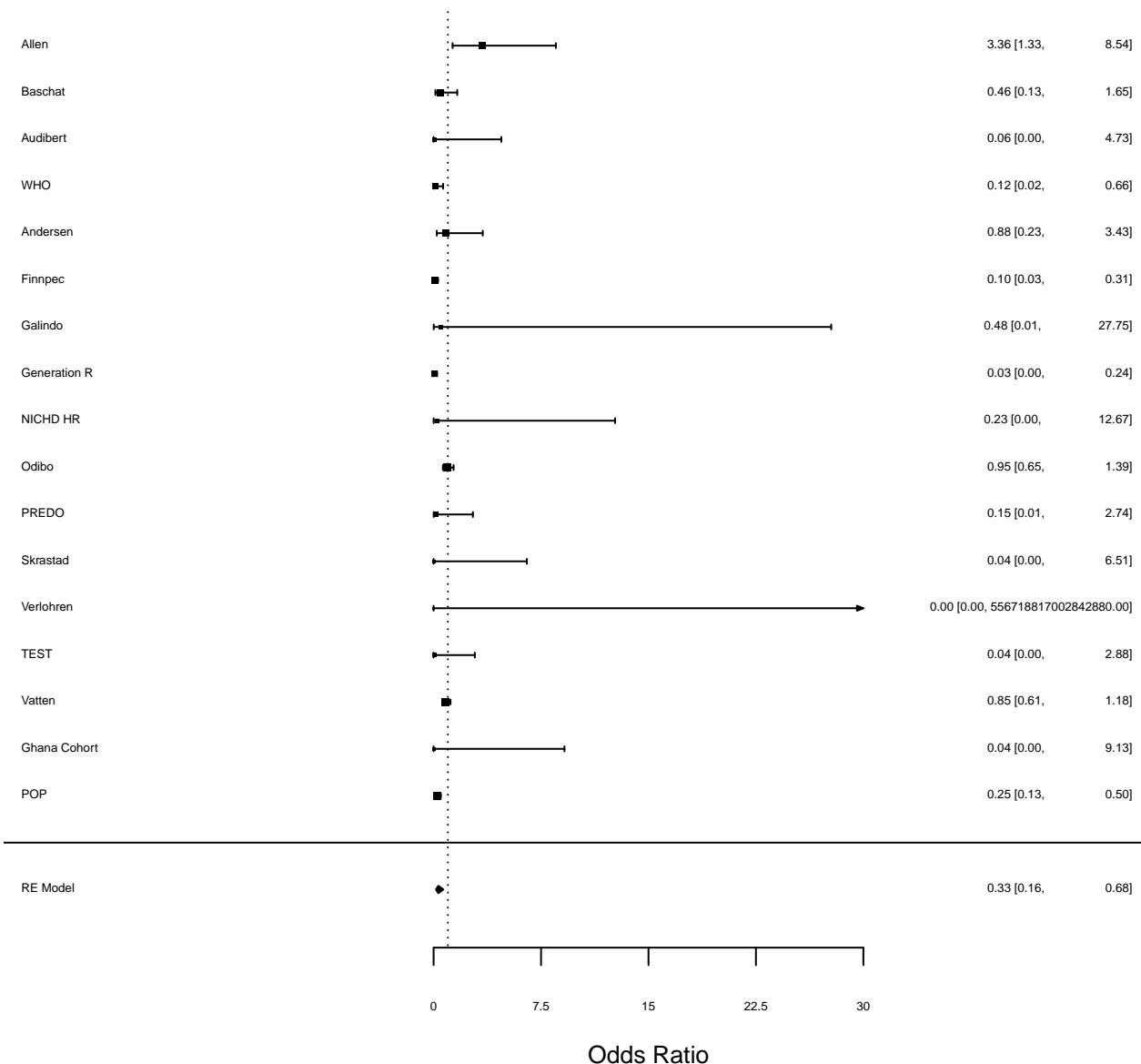
RE Model



0 7.5 15 22.5 30

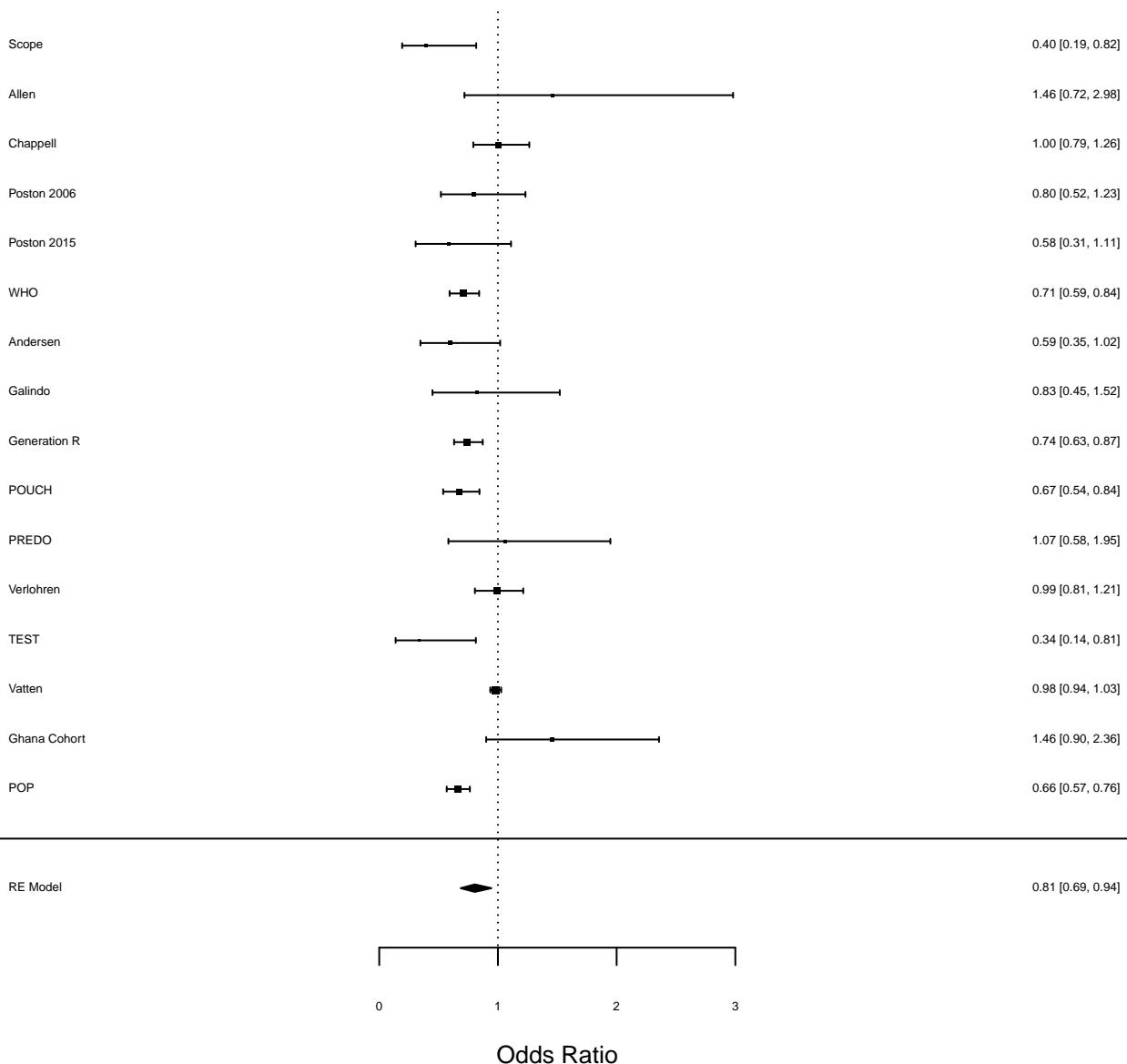
Odds Ratio

Forest Plot to explore late onset pre-eclampsia with Placental Growth Factor Trimester 1



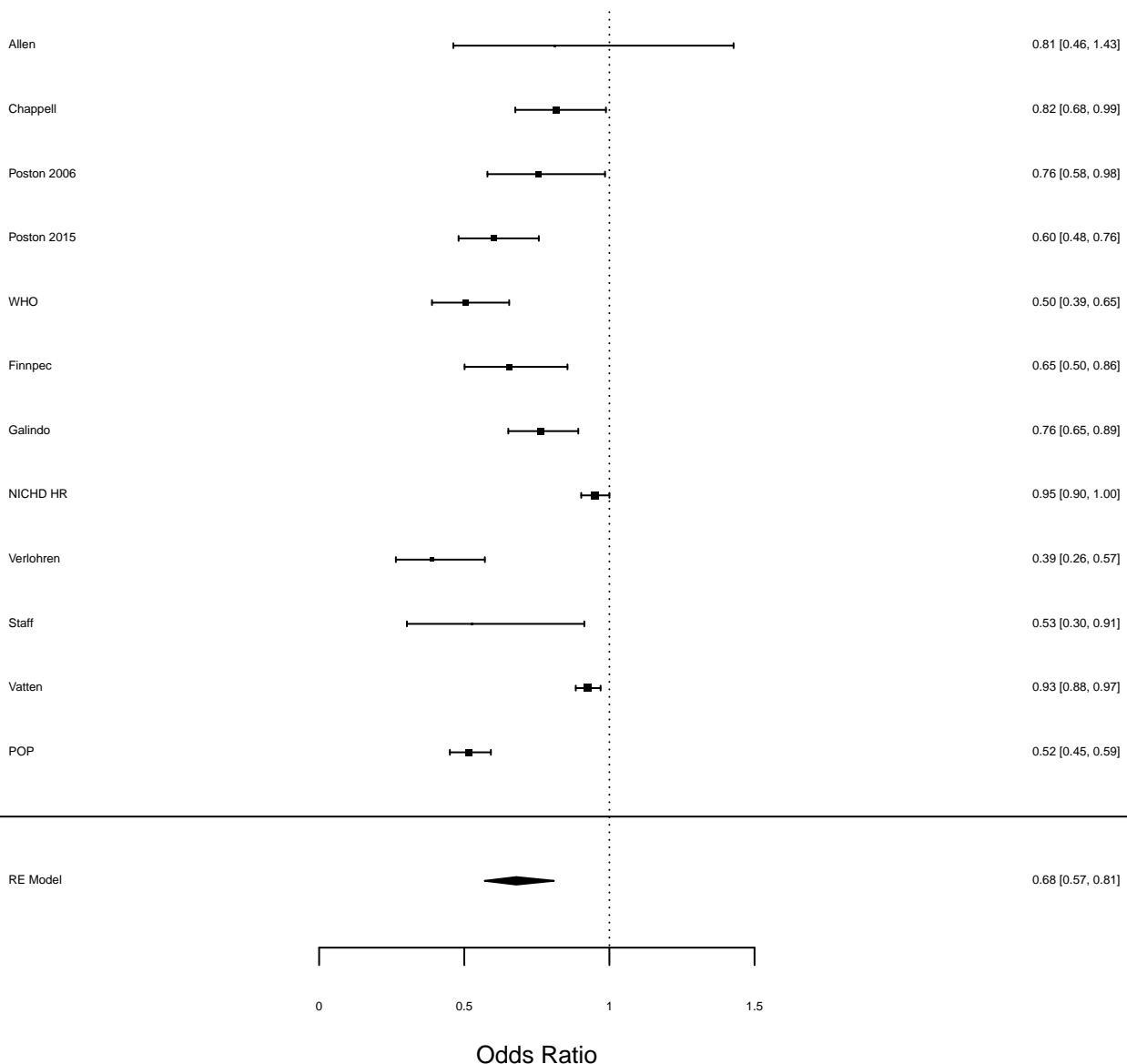
Supplementary Figure 116: Trimester 1 placental growth factor as a prognostic factor for late onset pre-eclampsia

Forest Plot to explore late onset pre-eclampsia with Placental Growth Factor Trimester 2



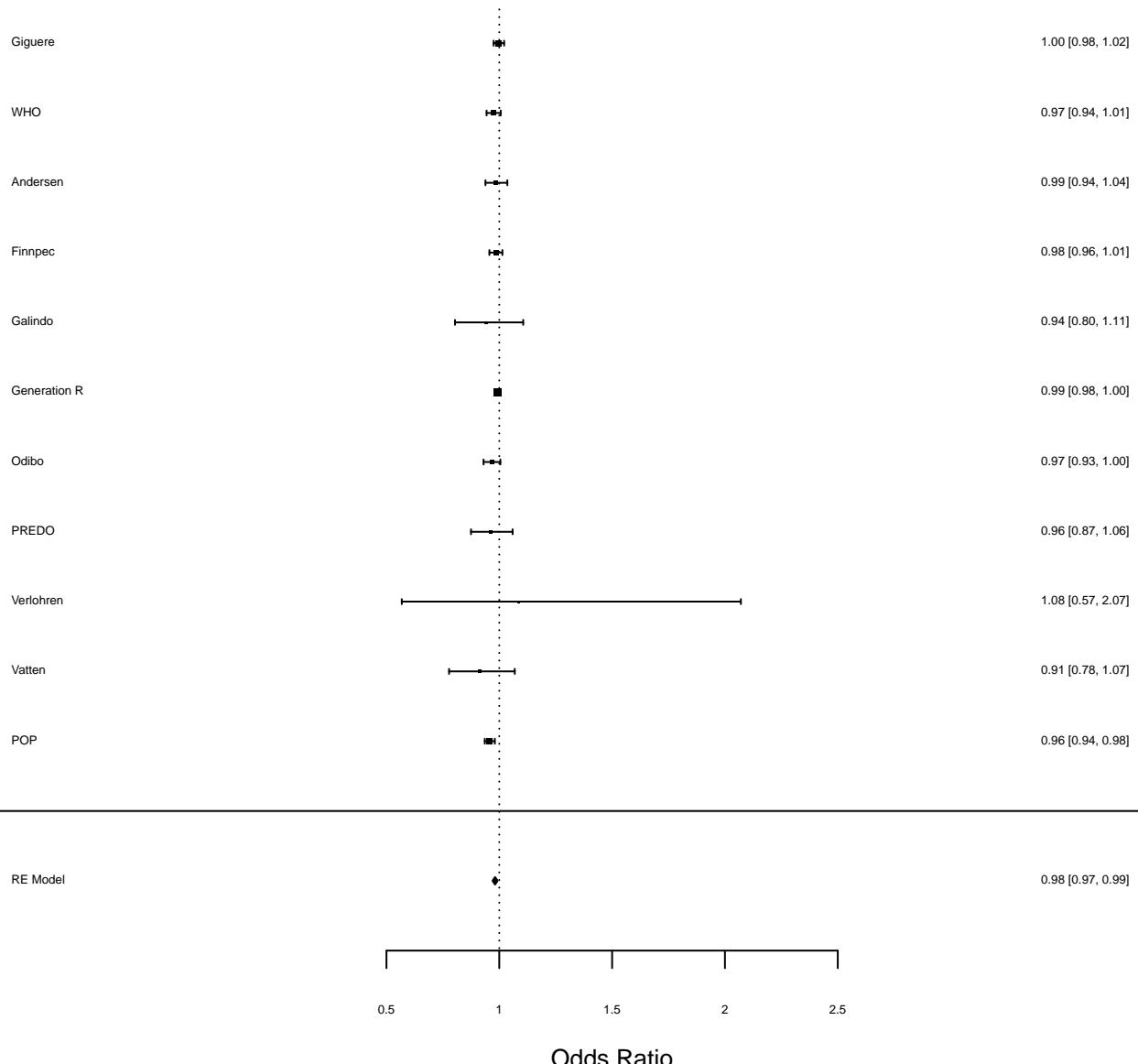
Supplementary Figure 117: Trimester 2 placental growth factor as a prognostic factor for late onset pre-eclampsia

Forest Plot to explore late onset pre-eclampsia with Placental Growth Factor Trimester 3



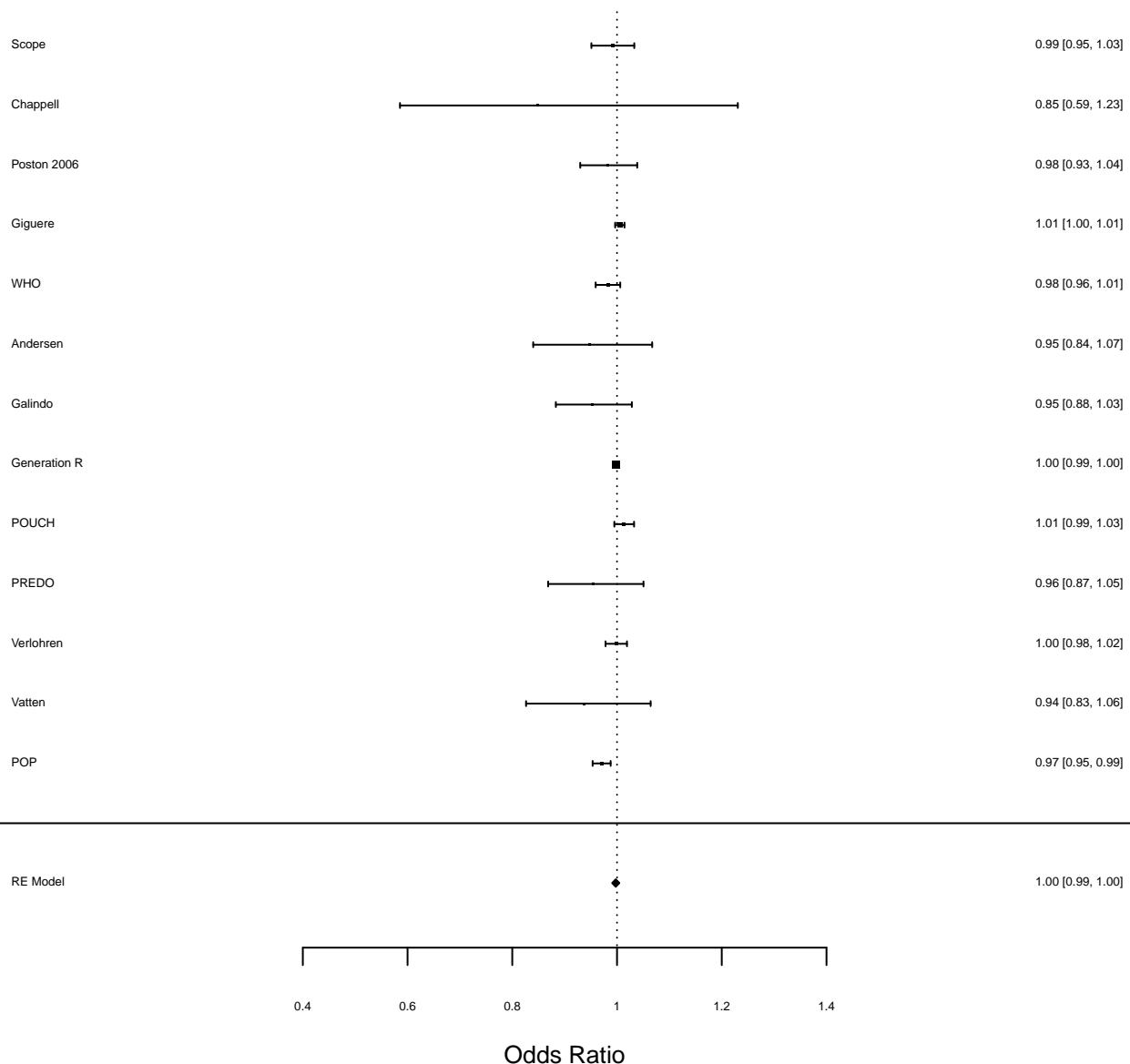
Supplementary Figure 118: Trimester 3 placental growth factor as a prognostic factor for late onset pre-eclampsia

Forest Plot to explore late onset pre-eclampsia with Soluble fms-like Tyrosine Kinase One Trimester 1



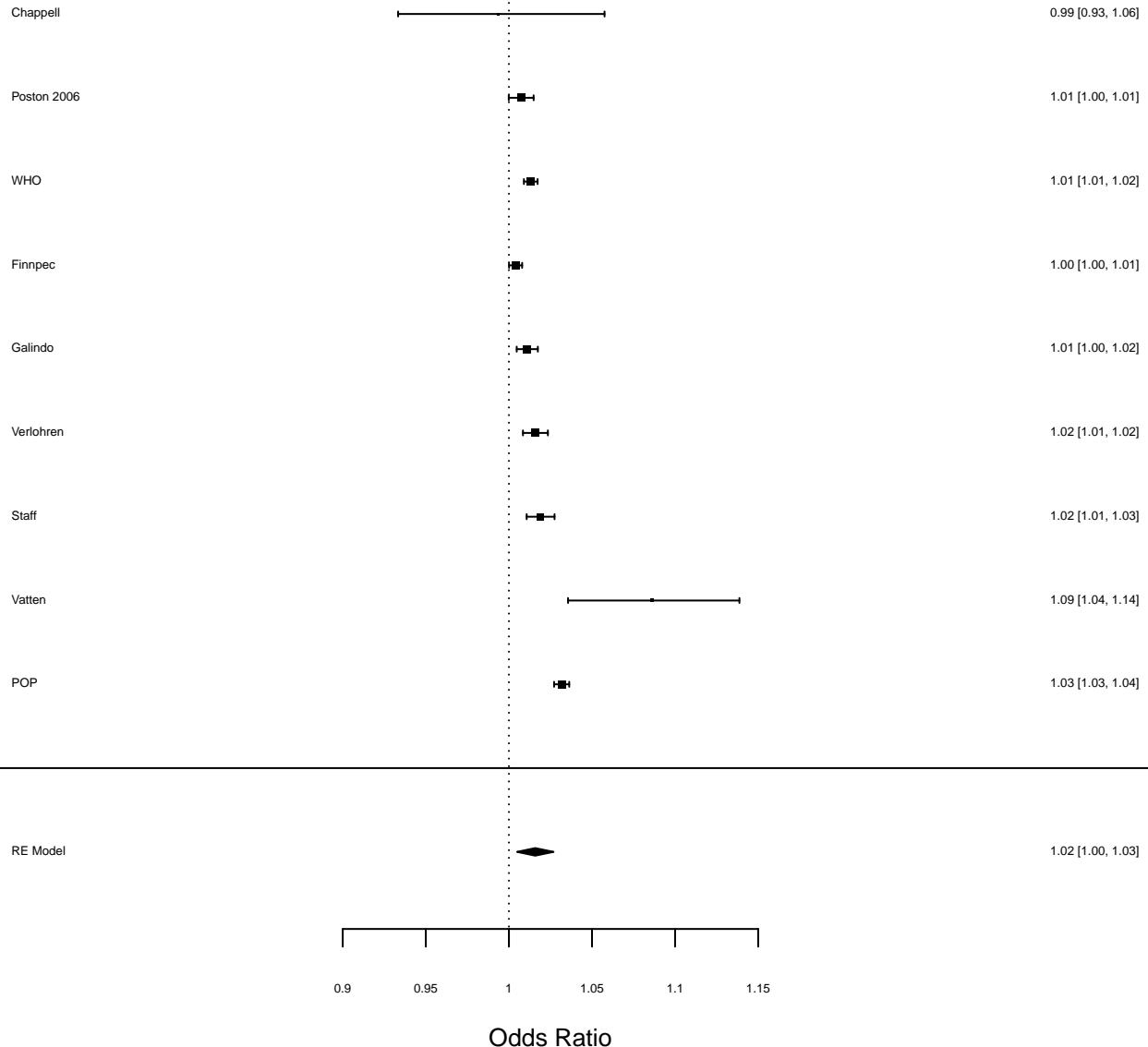
Supplementary Figure 119: Trimester 1 soluble fms-like tyrosine kinase one as a prognostic factor for late onset pre-eclampsia

Forest Plot to explore late onset pre-eclampsia with Soluble fms-like Tyrosine Kinase One Trimester 2



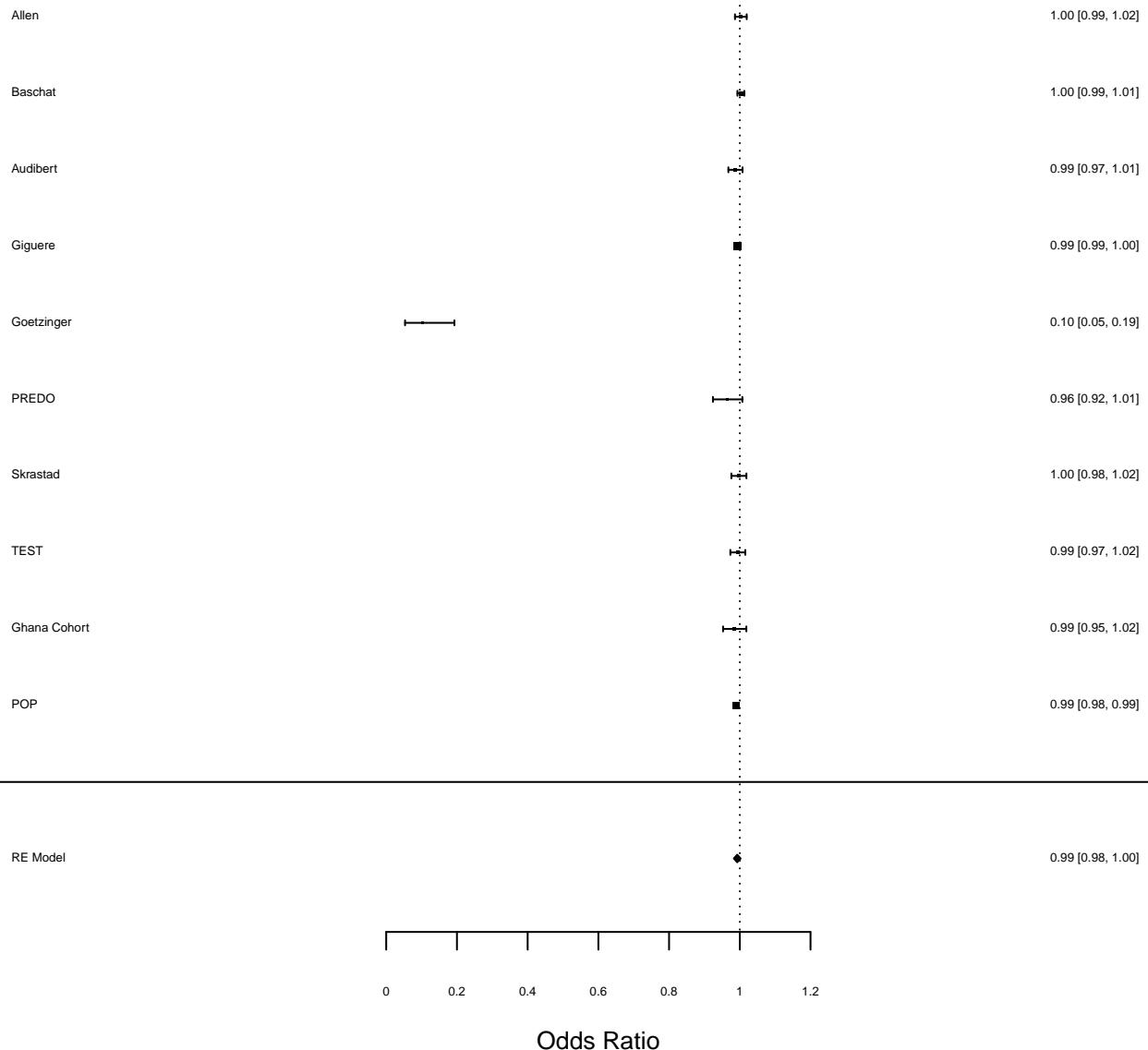
Supplementary Figure 120: Trimester 2 soluble fms-like tyrosine kinase one as a prognostic factor for late onset pre-eclampsia

Forest Plot to explore late onset pre-eclampsia with Soluble fms-like Tyrosine Kinase One Trimester 3



Supplementary Figure 121: Trimester 3 soluble fms-like tyrosine kinase one as a prognostic factor for late onset pre-eclampsia

Forest Plot to explore late onset pre-eclampsia with Pregnancy Associated Plasma Protein A Trimester 1



Supplementary Figure 122: Trimester 1 pregnancy associated plasma protein A as a prognostic factor for late onset pre-eclampsia

Forest Plot to explore late onset pre-eclampsia with Pregnancy Associated Plasma Protein A Trimester 2

Scope

0.46 [0.21, 1.03]

Giguere

1.00 [1.00, 1.00]

TEST

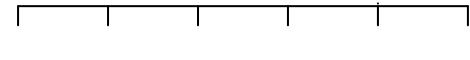
1.00 [0.99, 1.00]

Ghana Cohort

1.01 [1.00, 1.02]

RE Model

1.00 [1.00, 1.00]



Odds Ratio

Supplementary Figure 123: Trimester 2 pregnancy associated plasma protein A as a prognostic factor for late onset pre-eclampsia