Tables 1-11

03 January, 2017

# Table 1

Table 1. Characteristics of Included Studies

<th

First author, Year

<th

Setting

<th

Comparison groups

<th

Age (mean), age range

<th

Female (%)

<th

Race/ethnicity

Aihara, 1998

Other (specify below)

clinic to ambulatory

54 ( 20 , NA )

78

Rural japan- Oshasama town

Aksoy, 2006

Primary care

clinic to home

29

29

Al-Husainy, 2005

Secondary care

clinic to home

0 ( 0 , NA )

0

subset details not provided

Andreadis, 2012

Research visit

clinic to ambulatory

automated office to ambulatory

53

52

Not reported.

Bayo, 2006

Primary care

home to ambulatory

58

59

not reported

Bottini, 1992

Research visit

NA

NA

Brueren, 1997

Primary care

home to ambulatory

52 ( 20 , 75 )

49

Cesana, 1991

Primary care

clinic to ambulatory

clinic to home

home to ambulatory

NA

NA

Cooper, 1997

Primary care

clinic to ambulatory

home to ambulatory

58

55

Not specified

Dieterle, 2010

Secondary care

clinic to ambulatory

53 ( 25 , 82 )

42

Enstrom, 1992

Research visit

clinic to ambulatory

home to ambulatory

53

0

Hond, 2003

Primary care

home to ambulatory

50

54

Imai, 1999

Other (specify below)

clinic to ambulatory

clinic to home

home to ambulatory

56

NA

Ishikawa, 2010

Primary care

clinic to ambulatory

clinic to home

home to ambulatory

60 ( 20 , NA )

53

Jula, 1999

Primary care

home to ambulatory

46 ( 35 , 54 )

42

Kim, 2011

Research visit

clinic to ambulatory

35

28

Kok, 1999

Primary care

clinic to ambulatory

clinic to home

home to ambulatory

66 ( 60 , 74 )

48

Lehmkuhl, 2005

Research visit

clinic to ambulatory

50

39

unknown

Mengden, 2000

Secondary care

home to ambulatory

59

40

German

Moller, 2003

Primary care

home to ambulatory

53 ( 20 , 90 )

NA

Unclear.

Mule, 2002

Secondary care

home to ambulatory

42

47

Not specified

Myers, 2010

Primary care

automated office to ambulatory

57

52

Ommen, 2007

Primary care

clinic to ambulatory

41

60

White, Black, Other, Hispanic and non-Hispanic

Prasad, 1995

Secondary care

50 ( 23 , 72 )

58

Prisant, 1992

Primary care

47

62

63% white (46 patients) 34% black (25 patients) 1 Asian patient

Rogers, 2002

Primary care

home to ambulatory

NA

NA

Schettini, 1999

Secondary care

clinic to ambulatory

clinic to home

home to ambulatory

automated office to ambulatory

47 ( 20 , 88 )

58

Not defined but population completely from Uruguay

Sega, 1994

NA

NA

Sega, 1997

Research visit

home to ambulatory

NA ( 69 , NA )

46

Selenta, 2000

Research visit

clinic to ambulatory

27 ( 17 , 68 )

52

The ethnic composition of the sample was approximately 70% white and 30% Asian.

Shimbo, 2009

Research visit

home to ambulatory

52

54

Race % White (Non-Hispanic) 60.7 % White (Hispanic) 9.2 % Black (Non-Hispanic) 17.5 % Black (Hispanic) 1.7 % Asian/Indian/Pacific Islander 6.1 % Native American/Alaskan Native 0.4 % Other 4.3

Shimbo, D, 2007

Research visit

home to ambulatory

54

60

66.3% non-Hispanic white, 8.6% Hispanic white, 13.5% non-Hispanic black, 6.1% Asian

Stergiou, 2000

Other (specify below)

home to ambulatory

48

45

Doesn't specify. Non-American sample.

Stergiou, 2002

Research visit

clinic to ambulatory

home to ambulatory

48

45

Stergiou, 2004

home to ambulatory

48

45

Stergiou, 2007

Research visit

clinic to ambulatory

clinic to home

home to ambulatory

clinic to automated office

49 ( 20 , 75 )

26

unknown

Stergiou, 2010

Research visit

home to ambulatory

53

43

Urs Mueller, 1997

Research visit

50

63

Vervoot, 1999

Research visit

clinic to ambulatory

28

52

Viera, 2010

Research visit

49 ( 30 , NA )

56

Black: 36% White: 62% Other: 2% Hispanic: 2%

White, 1994

Secondary care

clinic to ambulatory

44 ( 23 , 65 )

15

Not specified

Zhou, 2009

Primary care

home to ambulatory

54 ( 31 , 72 )

43

Chinese

# Table 2

Table 2. Studies Comparing Mean Office BP to Mean Ambulatory BP Monitoring

Ambulatory

Clinic

<th

Author, year

<th

Count

<th

Mean

<th

Count

<th

Mean

Aihara, 1998

24 hours, every 30 mins (mean of 46.9 measurements)

2

Andreadis, 2012

75

136/87 (awake); 132/83 (24-hour)

6 (3/visit x 2 visits)

163/96

Cesana, 1991

15 mins interval for 24 hours

3

Cooper, 1997

Not specified

140/90 (24 hour)

20

148/93

Dieterle, 2010

24 hours

134/83

2

153/96

Enstrom, 1992

15 minutes interval

2 x 3 visits

Imai, 1999

24

127.5/71.5

2

128.1/74.5

Ishikawa, 2010

every 30 min for 24 hours

121/74 24-hour

2

132/82

Kim, 2011

30 mins interval 6a-10p

129.6/82.5

2

120/72

Kok, 1999

every 30 mins for 24 hours

137/8124 hours 142/85 awake

2

Lehmkuhl, 2005

4-24 hour measurements

control 138

6 measurements 3 on one day and 3, 3 days later

141/92

Ommen, 2007

20 minutes

Unclear

2

Unclear

Schettini, 1999

20min intervals 7a-11p; 40min intervals at night

118/72; 121/77 day; 107/64 night

3

124/79 (MD); 123/78 (RN)

Selenta, 2000

every 20 mins for 8 to 12 hours

129.2/80

5 measurements over 15 mins

117.1/68.8

Stergiou, 2002

24 hours with measurements every 20 mins

133/85

Stergiou, 2007

every 20 mins for 24 hours

24 hour 139.2/89.9 awake 146.2/96.0

147.7/96.5

Vervoot, 1999

unclear

120.9/120.4

10

113.4/65.0

White, 1994

96 maximum

155/95

3 visits

168/110

# Table 3

Table 3. Studies Comparing Hypertension Status by Office BP Compared to Hypertension Status by Ambulatory BP Monitoring

Thresholds

Percent (n)

<th

Author, Year

<th

Clinic 1

<th

ABPM (1)

<th

ABPM (2)

<th

abpm, no. Clinic, yes.

<th

abpm, yes. Clinic, yes.

<th

abpm, no. Clinic, no.

<th

abpm, yes. Clinic, no

Ommen, 2007

21.9 (39)

13.5 (24)

53.4 (95)

11.2 (20)

Andreadis, 2012

140|90

135|85

120|70

NA (NA)

NA (NA)

NA (NA)

NA (NA)

Kim, 2011

140|90

135|85

2.5 (3)

28.9 (35)

43.8 (53)

24.8 (30)

# Table 4

Table 4. Studies Comparing Mean Office BP to Mean Home BP Monitoring

Clinic

Home

<th

Author, year

<th

Count

<th

Mean

<th

Count

<th

Mean

Aksoy, 2006

8

18

121/71 morning 124/70 evening

Al-Husainy, 2005

2

21

Cesana, 1991

3

Imai, 1999

2

128.1/74.5

56

118.7/74.8

Ishikawa, 2010

2

132/82

12

124/77

Kok, 1999

2

27

148/85

Schettini, 1999

3

124/79 (MD); 123/78 (RN)

3

125/78

Stergiou, 2007

147.7/96.5

6 days, 2 times in morning, 2 times in evening

142.2/92.3

# Table 5

Table 5. Studies Comparing Hypertension Status by Office BP Compared to Hypertension Status by Home BP Monitoring

Thresholds

Counts

<th

Author, Year

<th

Clinic 1

<th

Clinic 2

<th

Home 1

<th

Home, no. Clinic, no.

<th

Home, no. Clinic, yes.

<th

Home, yes. Clinic, no.

<th

Home, yes. Clinic, yes

Viera, 2010

140|90

130|85

135|85

Not reported

Not reported

Not reported

Not reported

# Table 6

Table 6. Studies Comparing Mean Home BP to Mean Ambulatory BP Monitoring

Ambulatory

Home

<th

Author, year

<th

Count

<th

Mean

<th

Count

<th

Mean

Bayo, 2006

70

130.4/ 77.7

18

137.4/82.1

Brueren, 1997

24 hour, every 15 min from 0600 to 2200 and every 30 otherwise

143/91

16 (2 in morning, 2 in evening)

140/90

Cesana, 1991

15 mins interval for 24 hours

Cooper, 1997

Not specified

140/90 (24 hour)

20

141/87

Enstrom, 1992

15 minutes interval

6 x 3 days

Hond, 2003

15 min intervals between 0800 to 2200, 30 min intervals otherwise

daytime 148.1/95

3 morning and 3 evening measurements for 7 days

SBP 143.1 DBP 91.5

Imai, 1999

24

127.5/71.5

56

118.7/74.8

Ishikawa, 2010

every 30 min for 24 hours

121/74 24-hour

12

124/77

Jula, 1999

82

142/87 24-hr

14

139/93

Kok, 1999

every 30 mins for 24 hours

137/8124 hours 142/85 awake

27

148/85

Mengden, 2000

unclear

141.2/83.9

20

143.4/84.0

Moller, 2003

80

152.1/89.8

40

152.2/90.6

Mule, 2002

77

136.0/88.9

18

141.4/93.4

Rogers, 2002

39

42

Schettini, 1999

20min intervals 7a-11p; 40min intervals at night

118/72; 121/77 day; 107/64 night

3

125/78

Sega, 1997

72

127.6/77.0

2

138.2/78.0

Shimbo, 2009

33.4

135/83

12

133/82

Shimbo, D, 2007

35

134/82 (awake)

Yes

130/79

Stergiou, 2000

72

139.5/91.4

24

138.7/89.3

Stergiou, 2002

24 hours with measurements every 20 mins

133/85

12

142/92

Stergiou, 2004

144

142.4/91.5

24

139.3/91.1

Stergiou, 2007

every 20 mins for 24 hours

24 hour 139.2/89.9 awake 146.2/96.0

6 days, 2 times in morning, 2 times in evening

142.2/92.3

Stergiou, 2010

6.9

138.0/89.5

10.8

137.9/88.0

Zhou, 2009

39

6

# Table 7

Table 7. Studies Comparing Hypertension Status by Home BP Compared to Hypertension Status by Ambulatory BP Monitoring

Thresholds

Counts

<th

Author, Year

<th

Home 1

<th

ABPM 1

<th

ABPM, no. home, no.

<th

ABPM, no. home, yes.

<th

ABPM, yes. home, no.

<th

ABPM, yes. home, yes

Stergiou, 2000

140|90

140|90

21

38

62

12

# Table 8, preliminary QUADAS descriptives.

This needs to be revised to match table 2 from [doi: 10.1136/bmj.d3621](http://dx.doi.org/10.1136/bmj.d3621)

QUADAS 2 Quality Measures

<th

Author, Year

<th

Random

<th

Case-control

<th

Exclusion

<th

Selection

<th

Knowledge-index

<th

Threshold

<th

Concern-index

<th

Reference standard

<th

Knowledge-reference

<th

Bias-index

<th

Reference-match

<th

Interval

<th

Reference-all

<th

Reference-same

<th

Include-all

<th

Flow

1

Aihara, 1998

N

Y

N

H

U

NA

L

Y

U

L

L

Y

Y

Y

N

L

2

Aksoy, 2006

N

N

N

H

Y

Y

L

Y

Y

L

L

Y

Y

Y

Y

L

3

Andreadis, Emmanuel, 2012

Y

Y

Y

H

U

U

L

Y

U

L

L

U

N

Y

N

H

4

Bayo, 2006

Y

U

U

U

U

Y

L

Y

U

U

H

U

Y

Y

Y

L

5

Bottini, 1992

U

Y

Y

U

NA

NA

NA

NA

NA

NA

NA

NA

NA

NA

N

U

6

Brueren, 1996

U

Y

Y

L

N

U

L

Y

Y

L

L

Y

Y

Y

N

L

7

Cesana G, 1991

Y

Y

Y

L

N

Y

L

Y

N

L

L

Y

Y

Y

Y

L

8

Cooper, R, 1997

U

Y

U

U

U

NA

U

Y

U

L

L

Y

Y

Y

U

L

9

Dieterle, 2010

Y

Y

Y

L

U

Y

L

Y

U

L

L

U

Y

Y

Y

L

10

Elizabeth S. Ommen, 2007

U

Y

Y

L

N

Y

L

Y

N

L

L

Y

Y

Y

Y

L

11

Enstrom I, 1992

Y

Y

Y

L

N

Y

L

Y

U

L

L

Y

Y

Y

N

L

12

Hond, 2002

U

N

Y

L

U

Y

L

Y

U

L

L

U

Y

Y

Y

L

13

Imai, 1999

U

Y

N

L

U

NA

L

Y

U

L

L

U

Y

Y

Y

U

14

Ishikawa, 2010

Y

Y

Y

L

U

Y

L

Y

Y

L

L

U

Y

Y

N

L

15

Jula, 1999

N

Y

Y

H

U

NA

L

Y

U

NA

L

U

Y

Y

Y

L

16

Kok, 1999

U

Y

Y

L

U

U

L

Y

N

L

L

Y

Y

Y

Y

L

17

Lehmkhul, 2005

N

Y

Y

H

U

U

H

Y

U

L

L

Y

Y

Y

Y

L

18

Lehmkuhl, 2005

U

Y

Y

U

U

U

H

Y

Y

L

L

U

Y

Y

Y

L

19

Mengden, 2000

U

N

U

U

U

U

L

N

U

L

L

U

Y

Y

Y

U

20

Moller, 2003

U

Y

Y

L

U

NA

L

Y

U

L

L

U

Y

Y

Y

L

21

Mueller U, 1997

U

Y

Y

L

N

Y

L

Y

N

L

L

Y

Y

Y

Y

L

22

Mule, G, 2002

U

Y

N

H

Y

NA

L

Y

Y

L

L

Y

Y

Y

Y

L

23

Myers, 2010

Y

Y

NA

NA

U

U

L

NA

U

L

L

U

Y

Y

Y

U

24

Prasad, 1994

U

N

Y

H

U

U

L

Y

U

L

L

Y

Y

Y

N

H

25

Prisant, 1992

U

U

Y

L

U

U

L

NA

NA

NA

NA

NA

NA

NA

NA

NA

26

Rogers, 2002

Y

Y

Y

L

U

U

L

Y

U

L

L

Y

Y

Y

Y

L

27

Sang-Kyu Kim, 2011

N

Y

U

U

N

Y

L

Y

N

L

L

Y

Y

Y

Y

L

28

Schettini, 1999

Y

Y

Y

L

U

U

L

U

U

U

U

U

U

U

U

U

29

Sega, 1994

Y

Y

Y

L

N

U

L

Y

N

L

L

Y

Y

Y

Y

L

30

Sega, 1997

Y

Y

Y

L

NA

NA

L

Y

U

L

L

U

Y

Y

Y

U

31

Selenta, 2000

U

Y

Y

L

U

Y

L

Y

U

L

L

Y

Y

Y

Y

L

32

Shimbo, 2009

U

U

Y

U

U

U

L

Y

U

L

L

U

Y

Y

Y

U

33

Shimbo, D, 2007

N

Y

N

H

U

Y

L

Y

U

L

L

Y

Y

Y

N

L

34

Stergiou, 2000

U

Y

Y

U

U

U

L

Y

U

L

L

U

Y

Y

Y

U

35

Stergiou, 2002

U

Y

Y

U

U

U

L

Y

N

L

L

U

Y

Y

Y

L

36

Stergiou, 2004

U

Y

U

U

NA

Y

L

Y

U

U

L

U

Y

Y

N

U

37

Stergiou, 2007

U

Y

Y

L

U

U

L

Y

Y

L

L

U

Y

Y

U

U

38

Stergiou, 2010

U

U

N

U

U

U

U

Y

U

U

L

U

Y

Y

Y

U

39

Stergious, 2010

U

Y

Y

U

U

U

L

Y

U

L

L

U

Y

Y

Y

U

40

Vevoort, 1999

U

N

Y

U

U

U

L

Y

U

L

U

U

Y

Y

Y

U

41

Viera, Anthony, 2010

U

Y

Y

H

U

NA

L

Y

U

L

L

Y

Y

Y

Y

U

42

White, WB, 1994

U

Y

Y

U

Y

Y

L

Y

U

NA

L

U

NA

Y

Y

L

For responses, Y=Yes, N=No, U=Unclear, H=High, L=Low. NOTE: All studies included in this table, including ones excluded in full text reviews. Will need to delete manually.

For questions as defined in [QUADAS-2](http://annals.org.libproxy.lib.unc.edu/article.aspx?articleid=474994),

**Random** = Was a consecutive or random sample of patients enrolled?,

**Case-control** = Was a case-control design avoided?, Exclusion = Did the study avoid inappropriate exclusions?,

**Selection** = Could the selection of patients have introduced bias? (RISK),

**Knowledge-index** = "Were the index test results interpreted without knowledge of the results of the reference standard?",

**Threshold** = If a threshold was used, was it pre-specified?,

**Concern-index** = Is there concern that the index test, it's conduct or interpretation different from the review question (CONCERN)?,

**Reference standard** = Is the reference standard likely to classify the target condition?,

**Knowledge-reference** = Were the reference standard results interpreted without knowledge of the results of the index test?,

**Bias-index** = Could the conduct or interpretation of the index test have introduced bias (RISK)?,

**Reference-match** = Is there concern that the target condition as defined by the reference standard does not match the review question?,

**Interval** = Was there an appropriate interval between index tests and reference standard?,

**Reference-all** = Did all patients receive a reference standard?,

**Reference-same** = Did patients receive the same reference standard?,

**Include-all** = Were all patients included in the analysis?, Flow = Could the patient flow have introduced bias (RISK)?

# Table 9

Table 9. Reproducibility

Ambulatory

Clinic

Home

Other

<th

Author, year

<th

How far apart?

<th

Count

<th

Mean

<th

Count

<th

Mean

<th

Count

<th

Mean

<th

Count

<th

Mean

Bottini, 1992

1

NA

NA

Cooper, 1997

2

Not specified

140/90 (24 hour)

20

148/93

20

141/87

NA

NA

Kok, 1999

every 30 mins for 24 hours

137/8124 hours 142/85 awake

2

27

148/85

NA

NA

Lehmkuhl, 2005

2

4-24 hour measurements

control 138

6 measurements 3 on one day and 3, 3 days later

141/92

NA

NA

Prasad, 1995

1

day 1 day 137.7 day 2 daytime 136.0

NA

NA

Prisant, 1992

every 15 mins for 24 hours

NA

NA

Stergiou, 2000

72

139.5/91.4

24

138.7/89.3

72

139.1/90.9

Urs Mueller, 1997

0

15 mins interval 6a-6p

3 mins interval x 30-45 mins

NA

NA

Viera, 2010

7

41

First daytime: 152/90; Second daytime: 148/88

12

Visit 1: 137/83; Visit 3: 135/81

30

First: 135/83; Second: 134/82

NA

NA

# Table 10, summary of exclusion status, including papers that did not have an exclusion field (entered before 10/13/2015)

<th

original exclude value

<th

revised exclude value

<th

Exclude update, indicator

<th

id

<th

Author, Year

1. Exclude, updated

* 0
* No
* Yes
* 11697
* Mancia, 2009
  1. Exclude, original
  + 0
  + Yes
  + Yes
  + 10924
  + Gerin, 2001
  + 0
  + Yes
  + Yes
  + 10484
  + Larkin, 2007
  + 0
  + Yes
  + Yes
  + 10164
  + Niiranen, 2010
  + 0
  + Yes
  + Yes
  + 11263
  + Verdecchia, 1995
  + 0
  + Yes
  + Yes
  + 10633
  + Graves, 2005
  + 0
  + Yes
  + Yes
  + 10517
  + De Tuero, 2006
  + 0
  + Yes
  + Yes
  + 10659
  + BenDov, 2005
  + 0
  + Yes
  + Yes
  + 11133
  + Brueren, 1998
  + 0
  + Yes
  + Yes
  + 11595
  + Chatzistamatiou, 2012
  + 0
  + Yes
  + Yes
  + 11378
  + Enstrom, 1992
  + 0
  + Yes
  + Yes
  + 10970
  + Sega, 2001
  + 0
  + Yes
  + Yes
  + 11555
  + Edwards, 2013
  + 0
  + Yes
  + Yes
  + 11423
  + Julius, 1992
  + 0
  + Yes
  + Yes
  + 11457
  + Spence, 1990
  + 0
  + Yes
  + Yes
  + 11515
  + Hall, 1990
  + 0
  + Yes
  + Yes
  + 10702
  + Pannarale, 2004
    1. Exclude, updated
    - 1
    - Yes
    - NA
    - Johansson, 2009
    - 1
    - Yes
    - 12368
    - Zachariah, 1990
    - 1
    - Yes
    - 10714
    - Mansoor, 2004
      1. Include, updated
      * 1
      * No
      * 12104
      * Aihara, 1998
      * 1
      * No
      * 3186
      * Moller, 2003
      * 1
      * No
      * 3075
      * Rogers, 2002
      * 1
      * No
      * 3077
      * Al-Husainy, 2005
      * 1
      * No
      * 11098
      * Jula, 1999
      * 1
      * No
      * 11099
      * Kok, 1999
      * 1
      * No
      * 11037
      * Selenta, 2000
      * 1
      * No
      * 10462
      * Stergiou, 2007
      * 1
      * No
      * 10208
      * Zhou, 2009
      * 1
      * No
      * 10845
      * Hond, 2003
      * 1
      * No
      * 10444
      * Ommen, 2007
      * 1
      * No
      * 12146
      * Cooper, 1997
      * 1
      * No
      * 11782
      * Shimbo, D, 2007
      * 1
      * No
      * 10566
      * Aksoy, 2006
        1. Keep, original
        + 0
        + No
        + No
        + 3090
        + Bottini, 1992
        + 0
        + No
        + No
        + 10122
        + Viera, 2010
        + 0
        + No
        + No
        + 10952
        + Stergiou, 2002
        + 0
        + No
        + No
        + 10146
        + Stergiou, 2010
        + 0
        + No
        + No
        + 12340
        + Cesana, 1991
        + 0
        + No
        + No
        + 10165
        + Dieterle, 2010
        + 0
        + No
        + No
        + 11082
        + Imai, 1999
        + 0
        + No
        + No
        + 10787
        + Stergiou, 2004
        + 0
        + No
        + No
        + 10253
        + Shimbo, 2009
        + 0
        + No
        + No
        + 11013
        + Stergiou, 2000
        + 0
        + No
        + No
        + 10175
        + Myers, 2010
        + 0
        + No
        + No
        + 12057
        + Mengden, 2000
        + 0
        + No
        + No
        + 11383
        + Enstrom, 1992
        + 0
        + No
        + No
        + 11173
        + Sega, 1997
        + 0
        + No
        + No
        + 3323
        + Schettini, 1999
        + 0
        + No
        + No
        + 12234
        + Sega, 1994
        + 0
        + No
        + No
        + 10657
        + Lehmkuhl, 2005
        + 0
        + No
        + No
        + 12249
        + White, 1994
        + 0
        + No
        + No
        + 11122
        + Vervoot, 1999
        + 0
        + No
        + No
        + 10934
        + Mule, 2002
        + 0
        + No
        + No
        + 11171
        + Brueren, 1997
        + 0
        + No
        + No
        + 11629
        + Kim, 2011
        + 0
        + No
        + No
        + 11415
        + Prisant, 1992
        + 0
        + No
        + No
        + 10569
        + Bayo, 2006
        + 0
        + No
        + No
        + 11281
        + Prasad, 1995
        + 0
        + No
        + No
        + 11657
        + Ishikawa, 2010
        + 0
        + No
        + No
        + 11587
        + Andreadis, 2012
        + 0
        + No
        + No
        + 12145
        + Urs Mueller, 1997
        + These records were entered prior to 10/13/2015. They are considered for inclusion after evaluating presence of values entered for relevant tables. Some of these records (Johansson and Mansoor were marked as exclude 1/3/2017 upon secondary review).

# Table 11, table with reasons for exclusions

<th

id

<th

Reason for exclusion

<th

Revised exclude value

<th

Author, Year

Yes

Johansson, 2009

10164

Yes

Niiranen, 2010

10484

Analyses only included regression results. No data available for Part G forms.

Yes

Larkin, 2007

10517

Data not extractable for comparisons

Yes

De Tuero, 2006

10633

It is unclear whether or not they were on HTN medications. I suspect some or all were as they were referred to Nephrology and HTN Specialty Clinic. Also, the study examined 6-h monitoring, which is not the standard approach.

Yes

Graves, 2005

10659

NA

Yes

BenDov, 2005

10702

This study assesses the predictive value of abpm for the development of drug-treated hypertension in subjects. It is not comparing 2 methods or reliability of abpm per se.

Yes

Pannarale, 2004

10714

Yes

Mansoor, 2004

10924

No data to extract for section G tables, including means.

Yes

Gerin, 2001

10970

Comparisons were between 1) clinic and abpm and 2) clinic and home. Clinic measurements were by mercury sphygmomanometer so does not fit requirements.

Yes

Sega, 2001

11133

Yes

Brueren, 1998

11263

Yes

Verdecchia, 1995

11378

Cannot extract data for tables in part G data tables. 1) office-BP compared to amb-BP with linear regression models (not clear how office-BP was measured   - may be mercury). No counts given. 2) home BP only done with a subset of the sample (borderline hypertensive group)

Yes

Enstrom, 1992

11423

No data to extract for tables in part G. The normotensive group were categorized according to clinic blood pressure only. No additional strata within this group according to home blood pressure monitoring status.

Yes

Julius, 1992

11457

Office measurements were mercury

Yes

Spence, 1990

11515

Mean of 14 days between measurement but ranged from 8 to 50

Yes

Hall, 1990

11555

There is no specific blood pressure threshold given for the comparison between office and ABPM. Instead, the categories are AOBP-ABPM>10 mm Hg (White coat effect) or ABPM-AOBP > 10 mm Hg (masked effect). Because of this classification I assume I cannot extract data for the tables in part G.

Yes

Edwards, 2013

11595

NA

Yes

Chatzistamatiou, 2012

11697

Yes

Mancia, 2009

12368

Yes

Zachariah, 1990