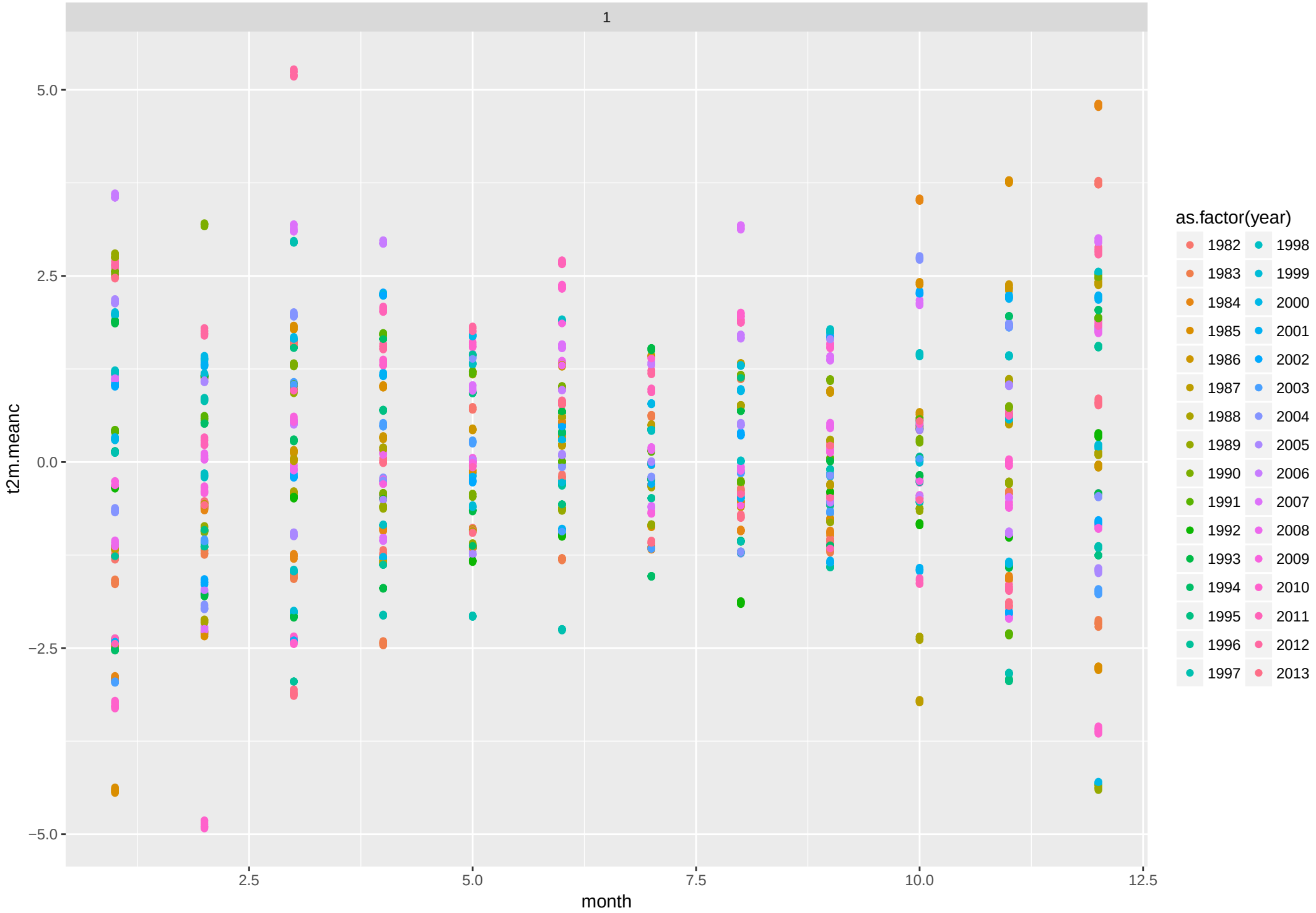
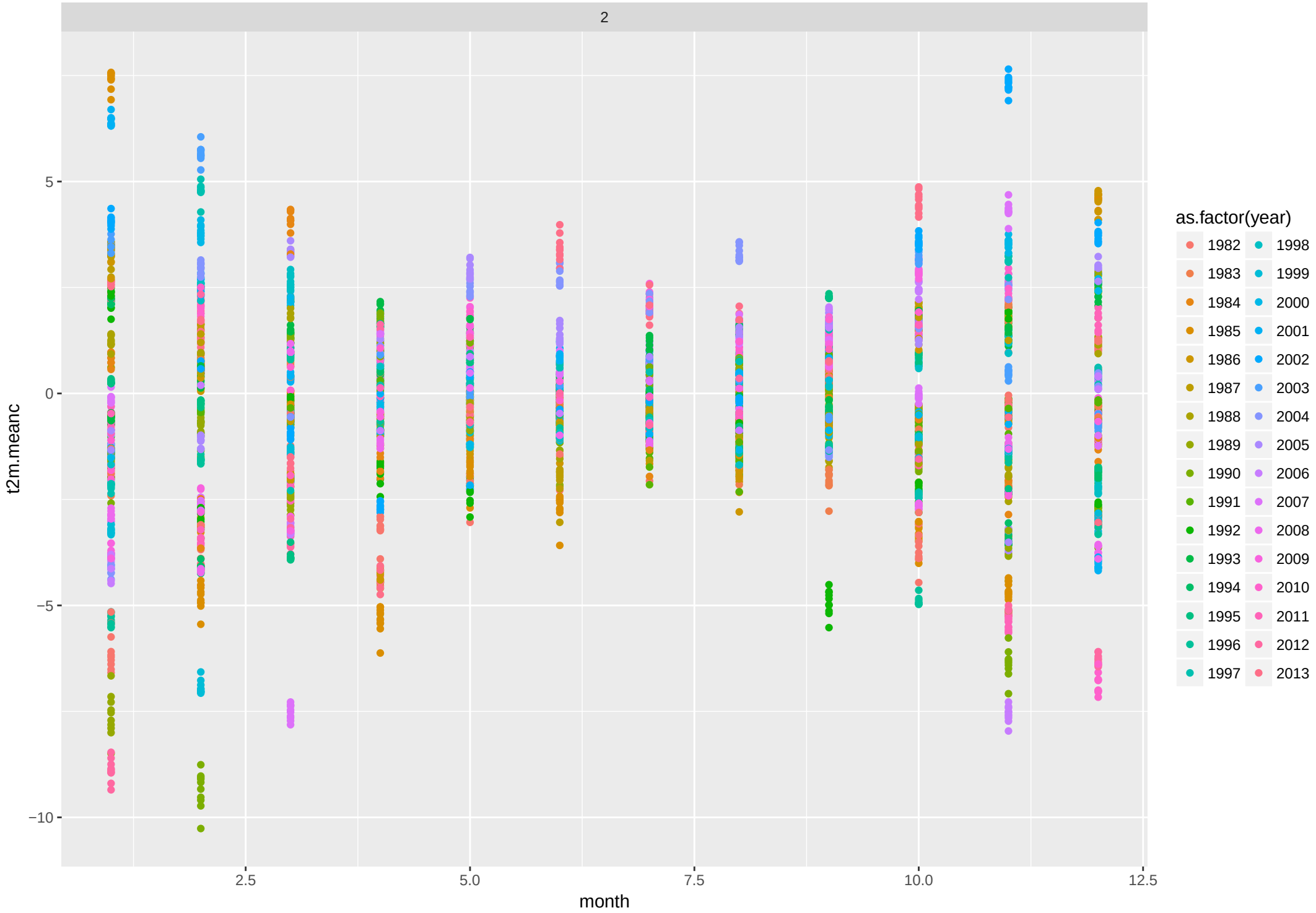
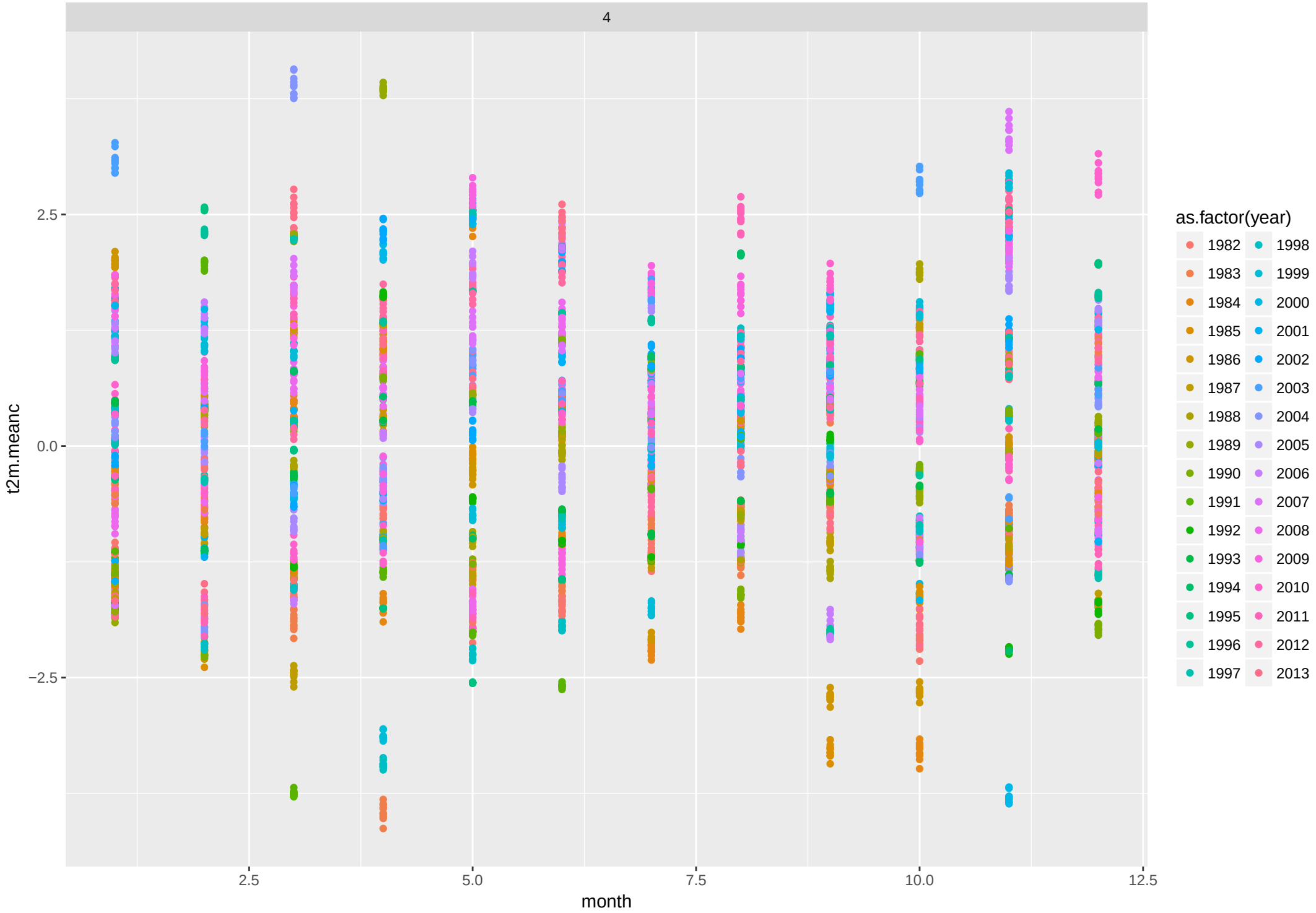
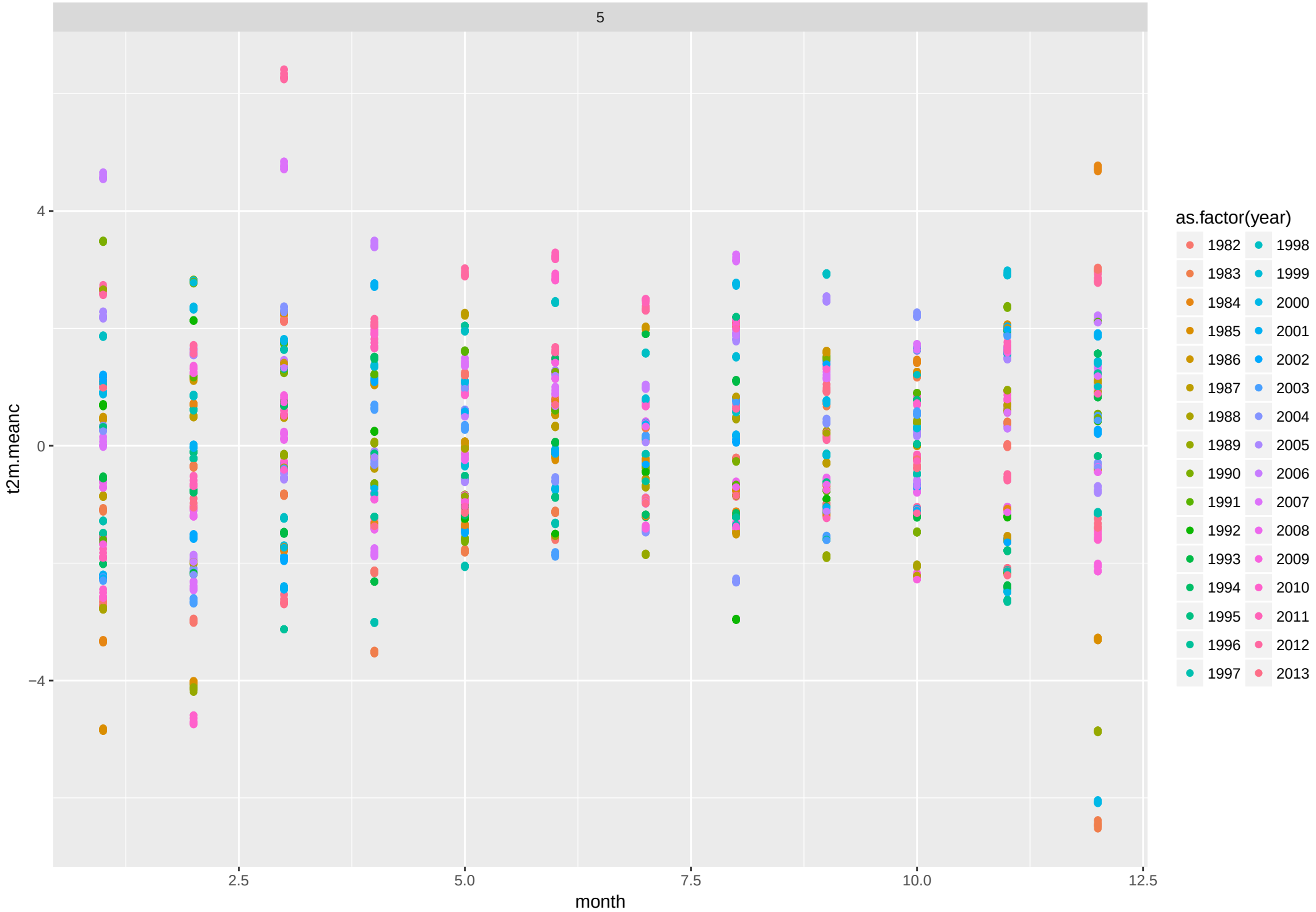
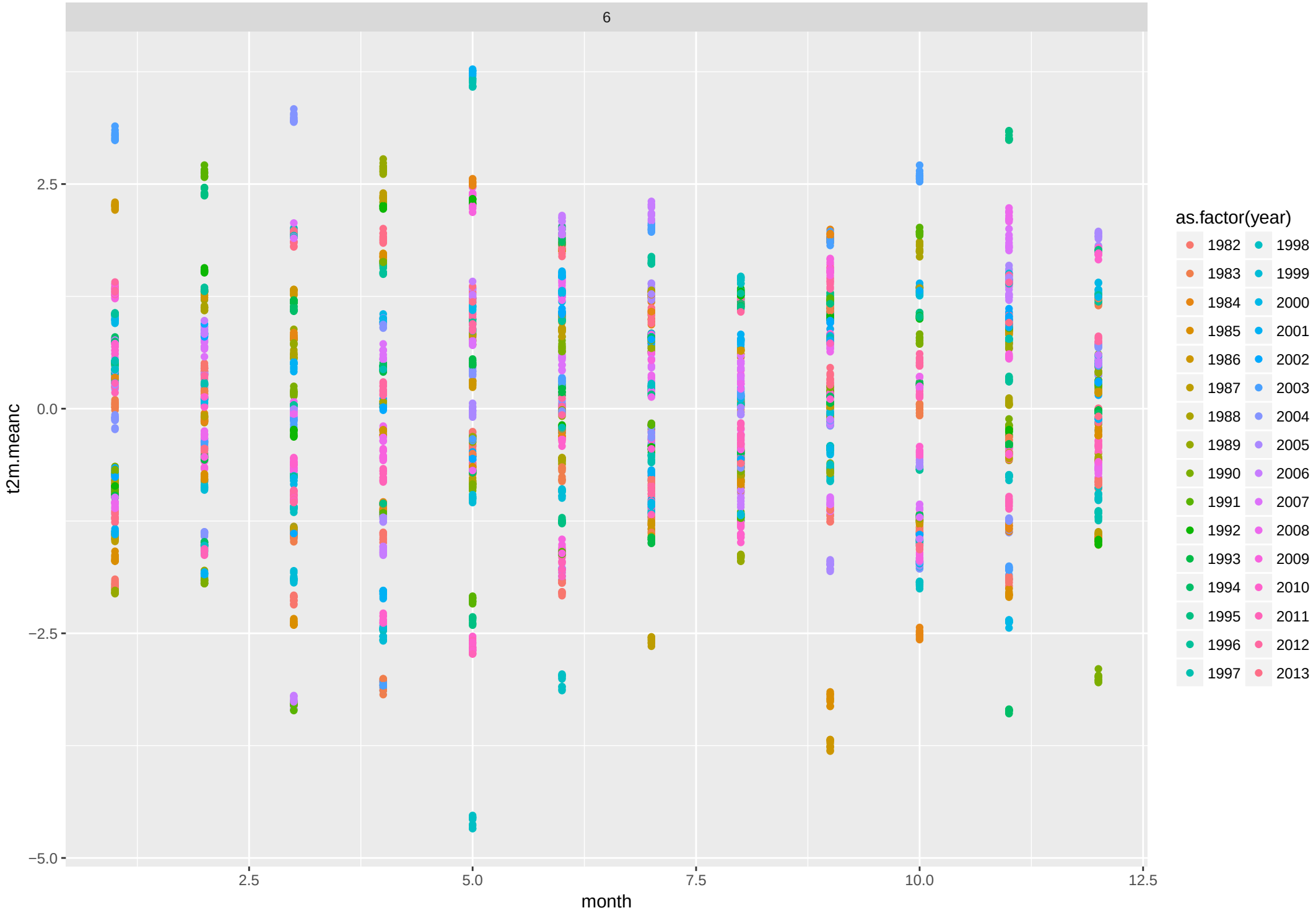
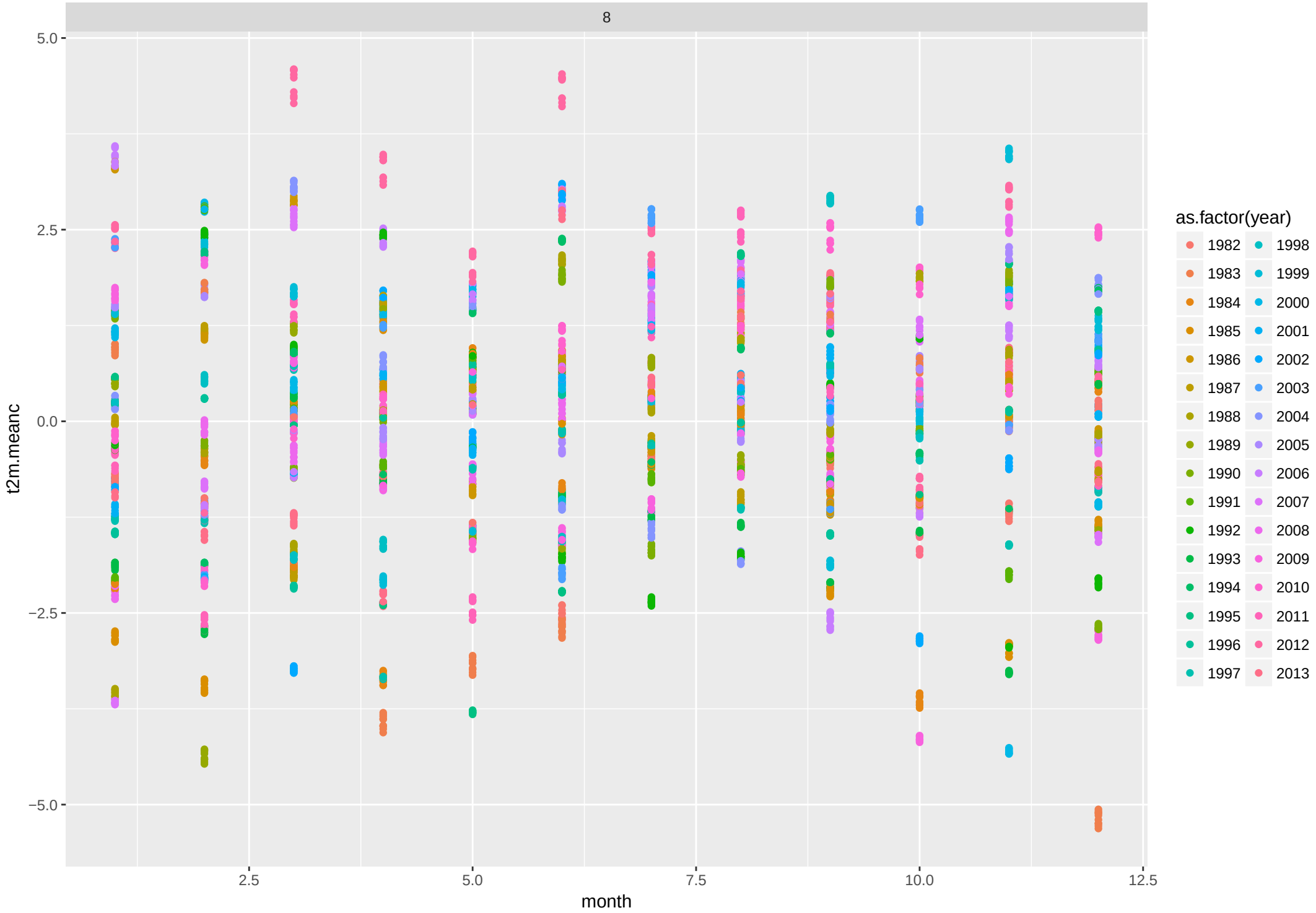

1
5.0
2.5
0.0
−2.5
−5.0
t2m.meanc
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

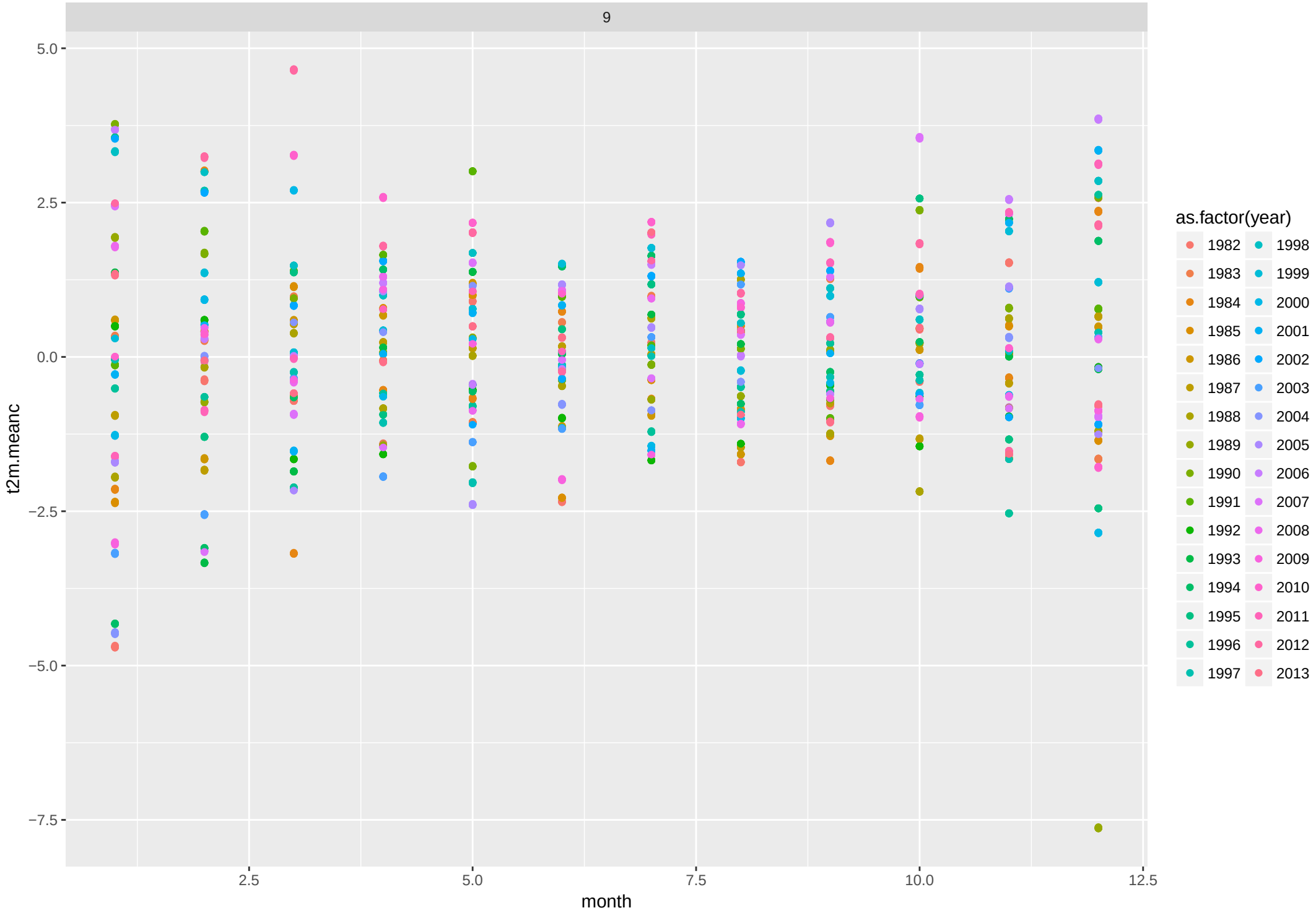

2
t2m.meanc
5
0
−5
−10
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

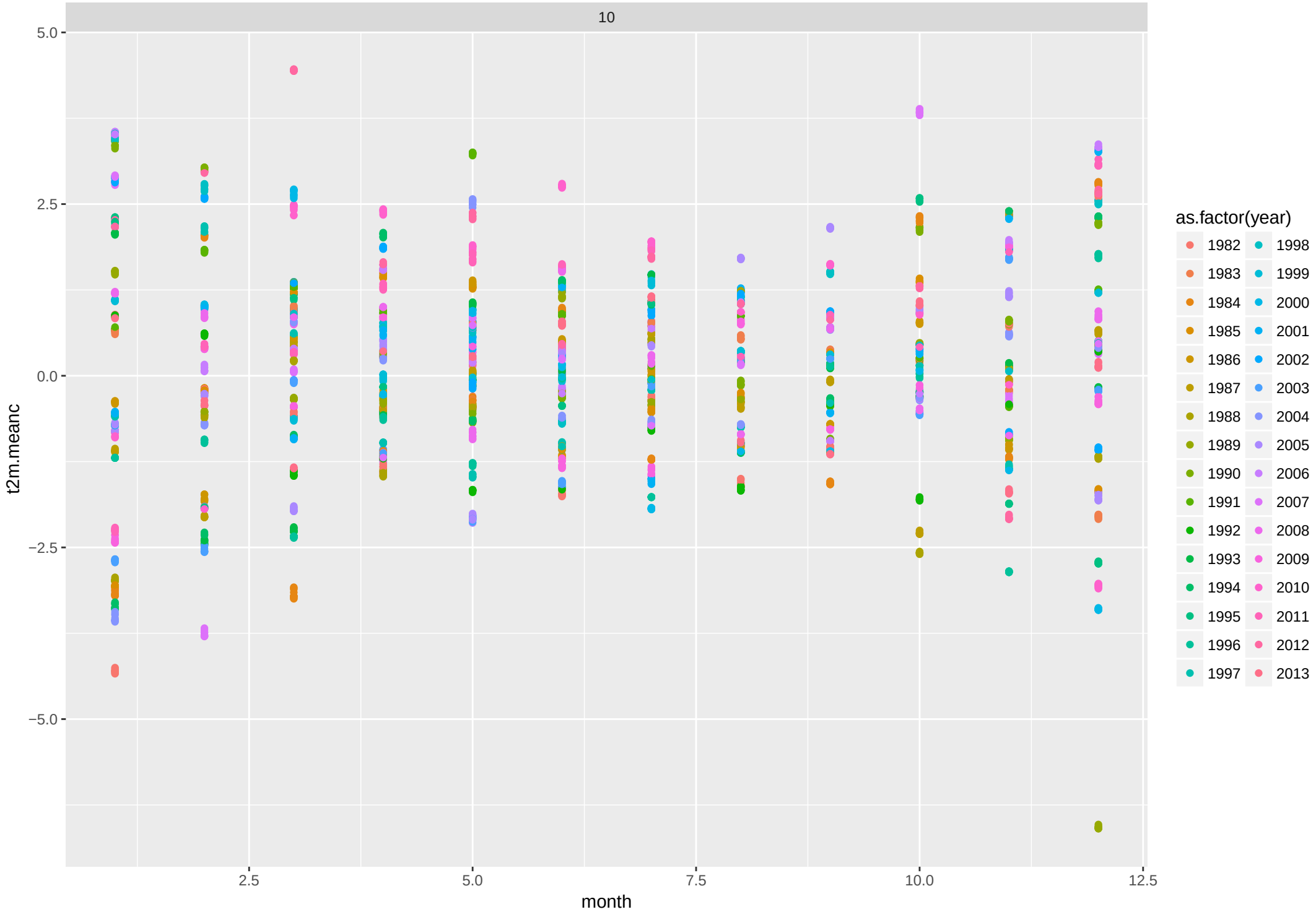

4
t2m.meanc
2.5
0.0
−2.5
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

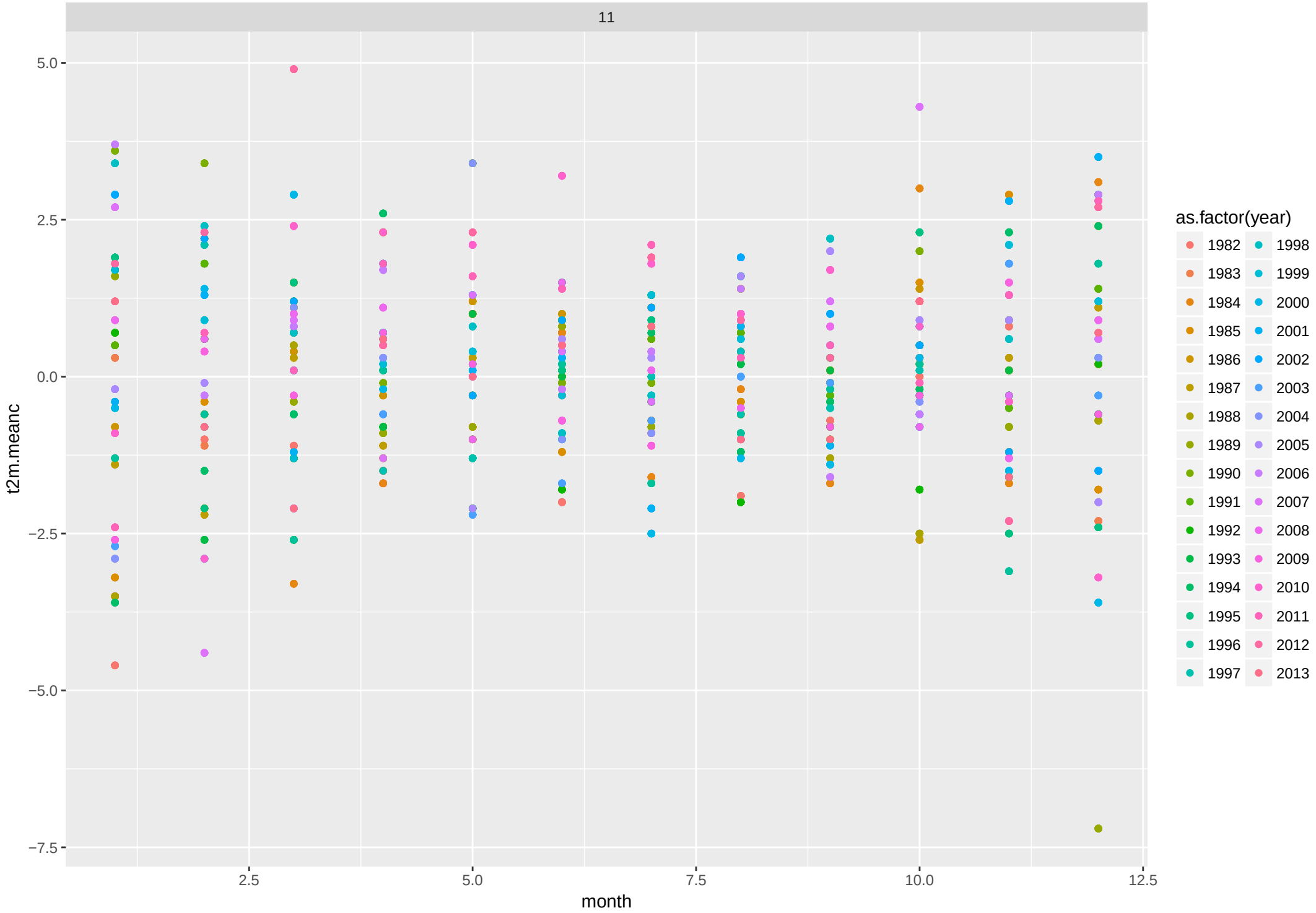

5
4
0
−4
t2m.meanc
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

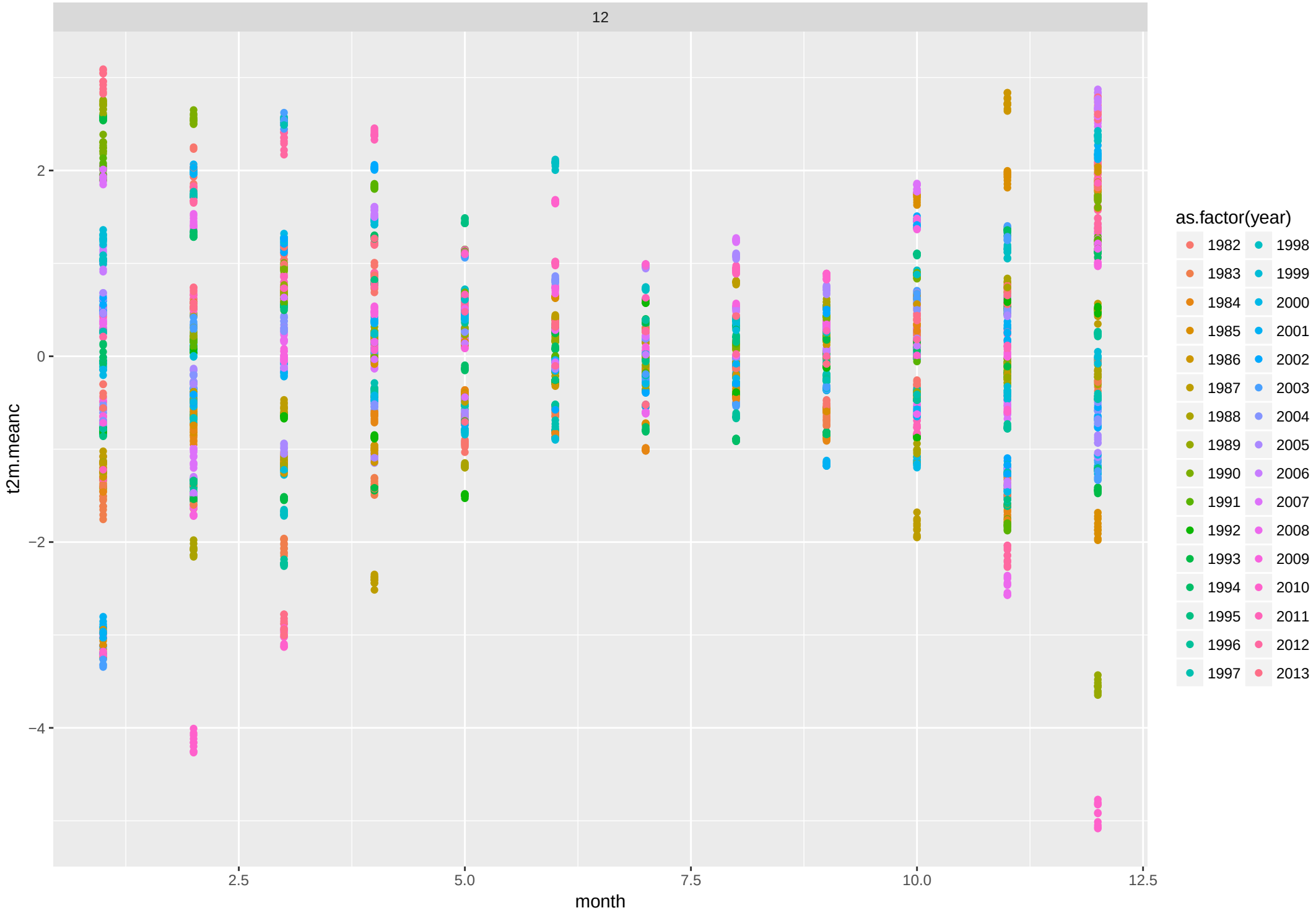

6
2.5
0.0
−2.5
−5.0
t2m.meanc
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

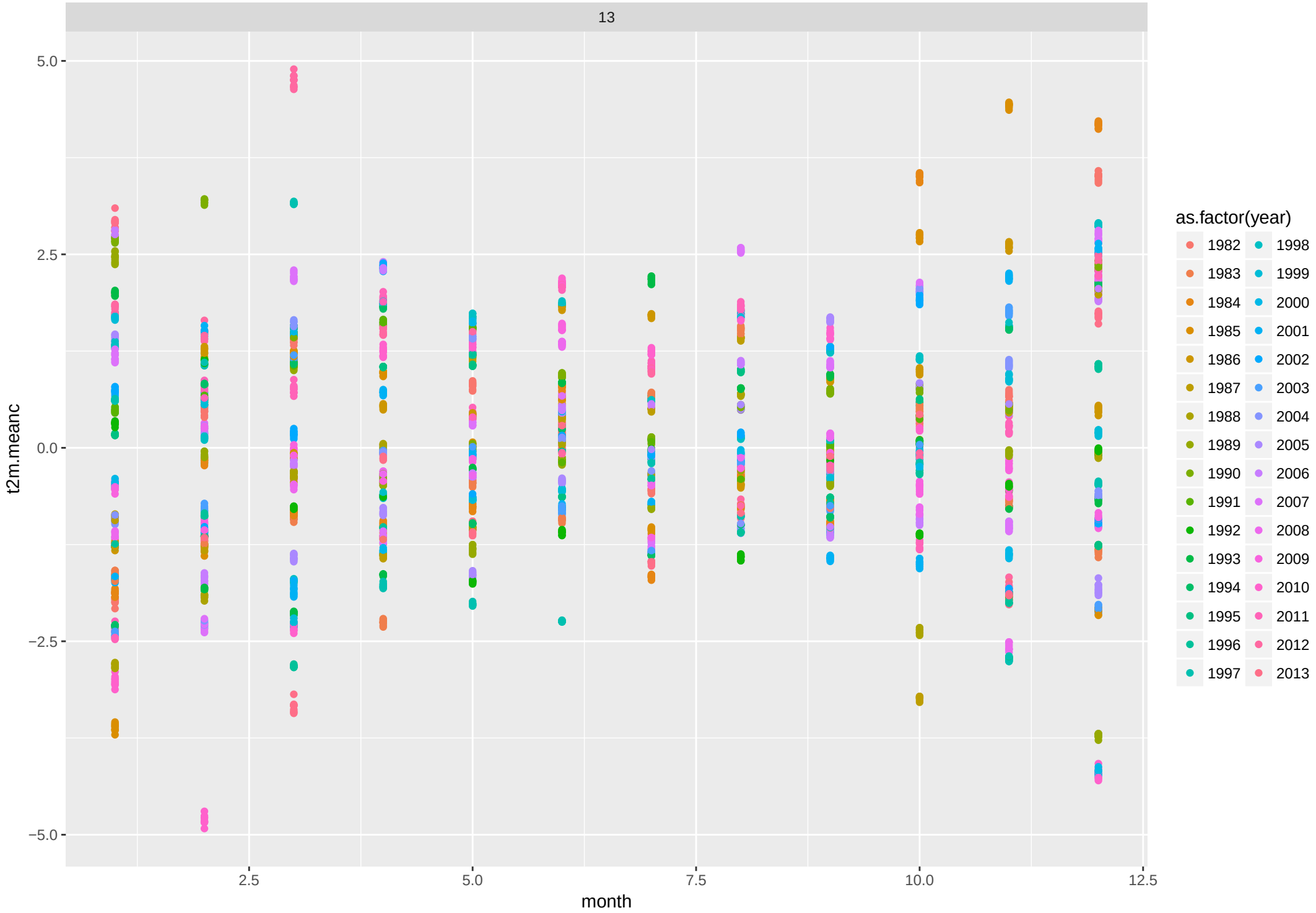

8
5.0
2.5
0.0
−2.5
−5.0
t2m.meanc
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

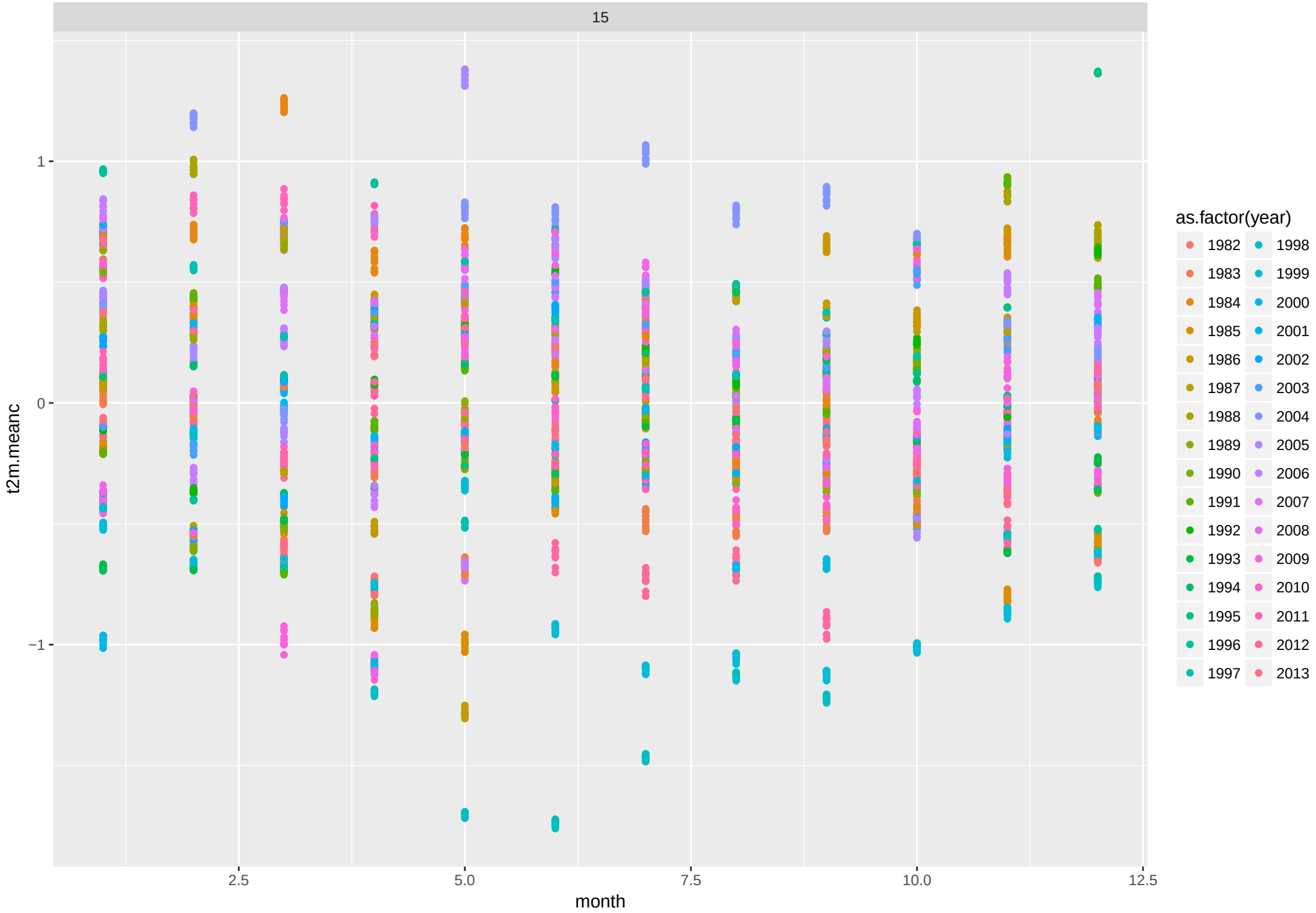

9
5.0
2.5
0.0
−2.5
−5.0
−7.5
t2m.meanc
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

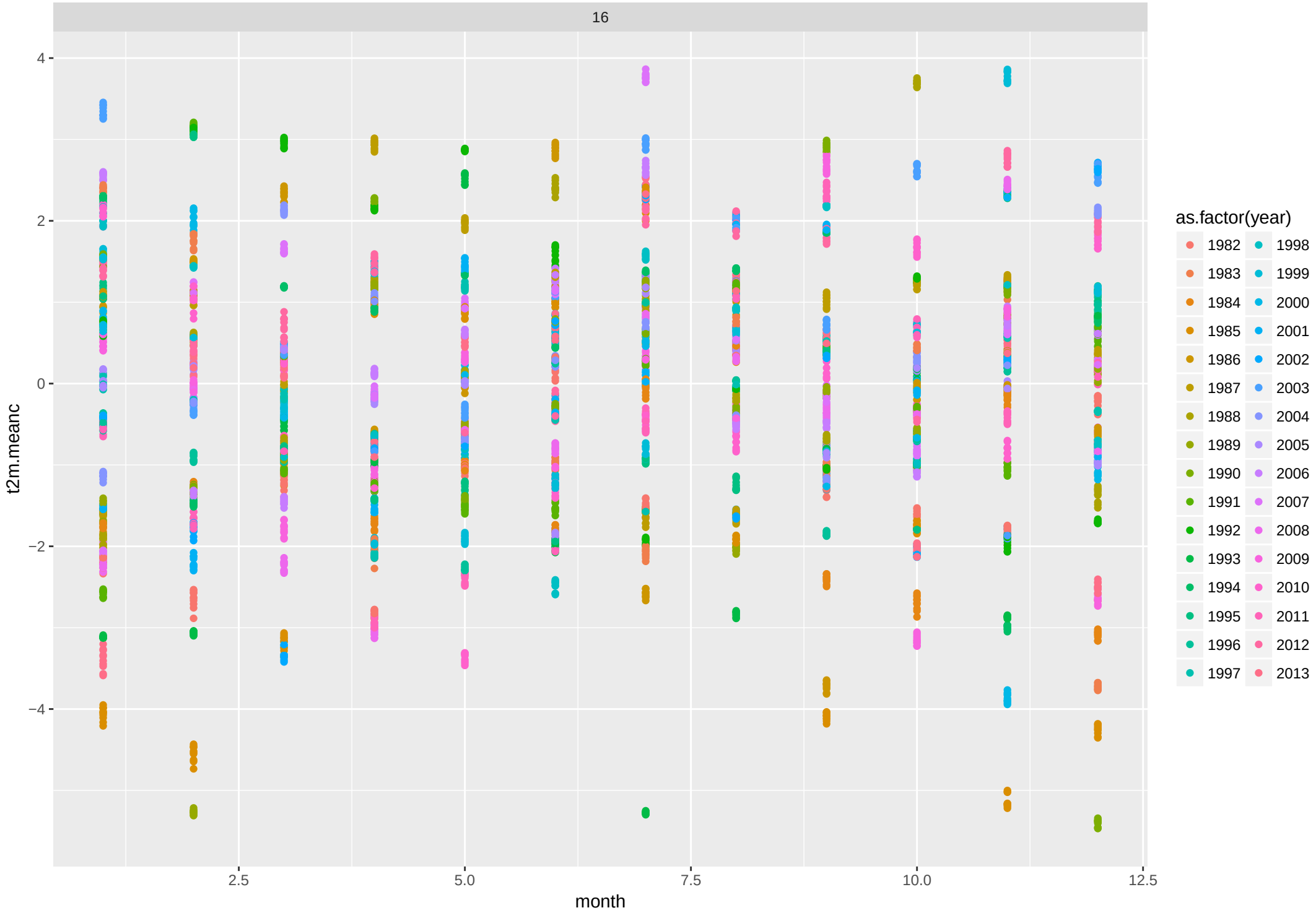

10
5.0
2.5
0.0
−2.5
−5.0
t2m.meanc
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

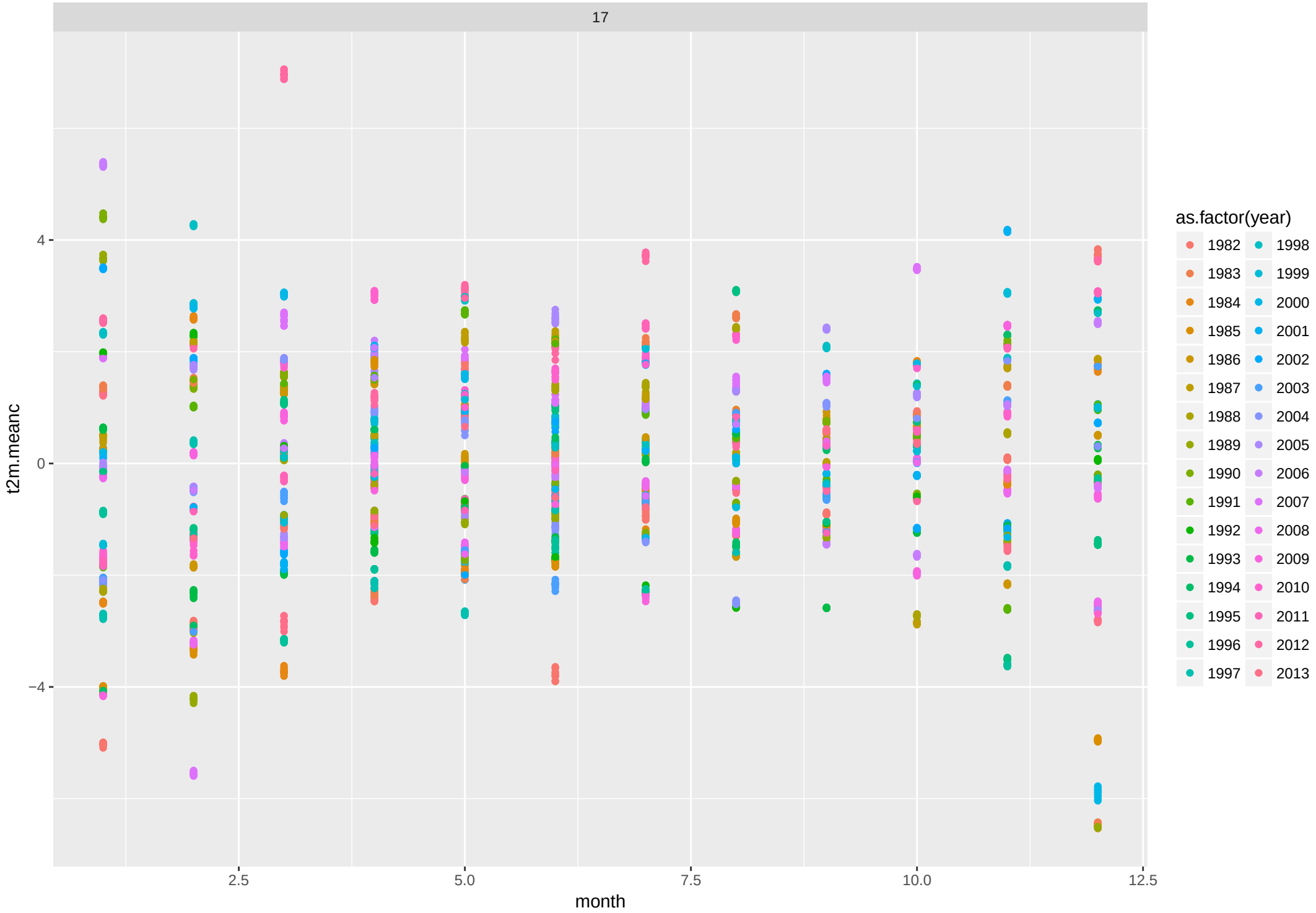

11
5.0
2.5
0.0
−2.5
−5.0
−7.5
t2m.meanc
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

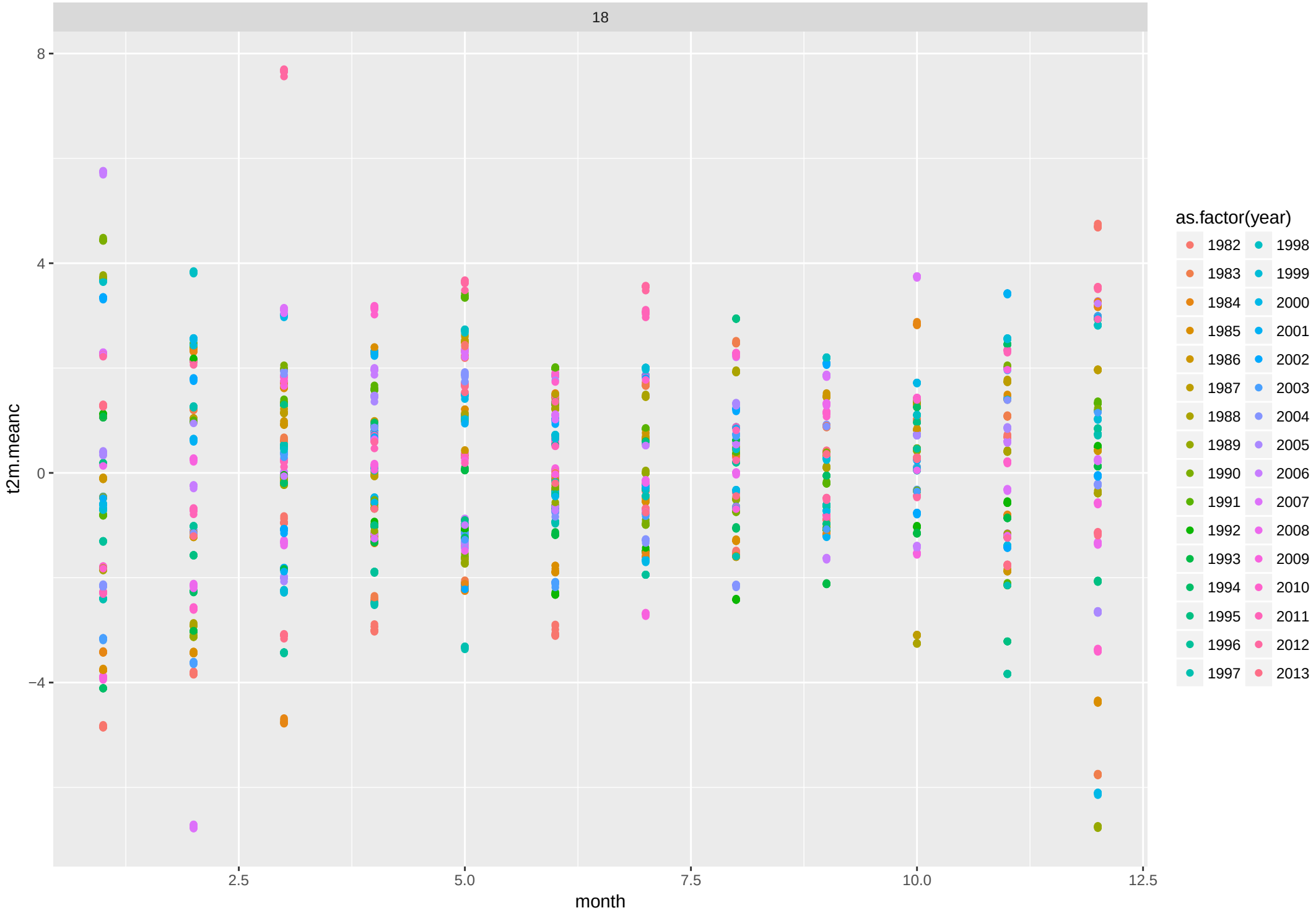

12
t2m.meanc
2
0
−2
−4
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

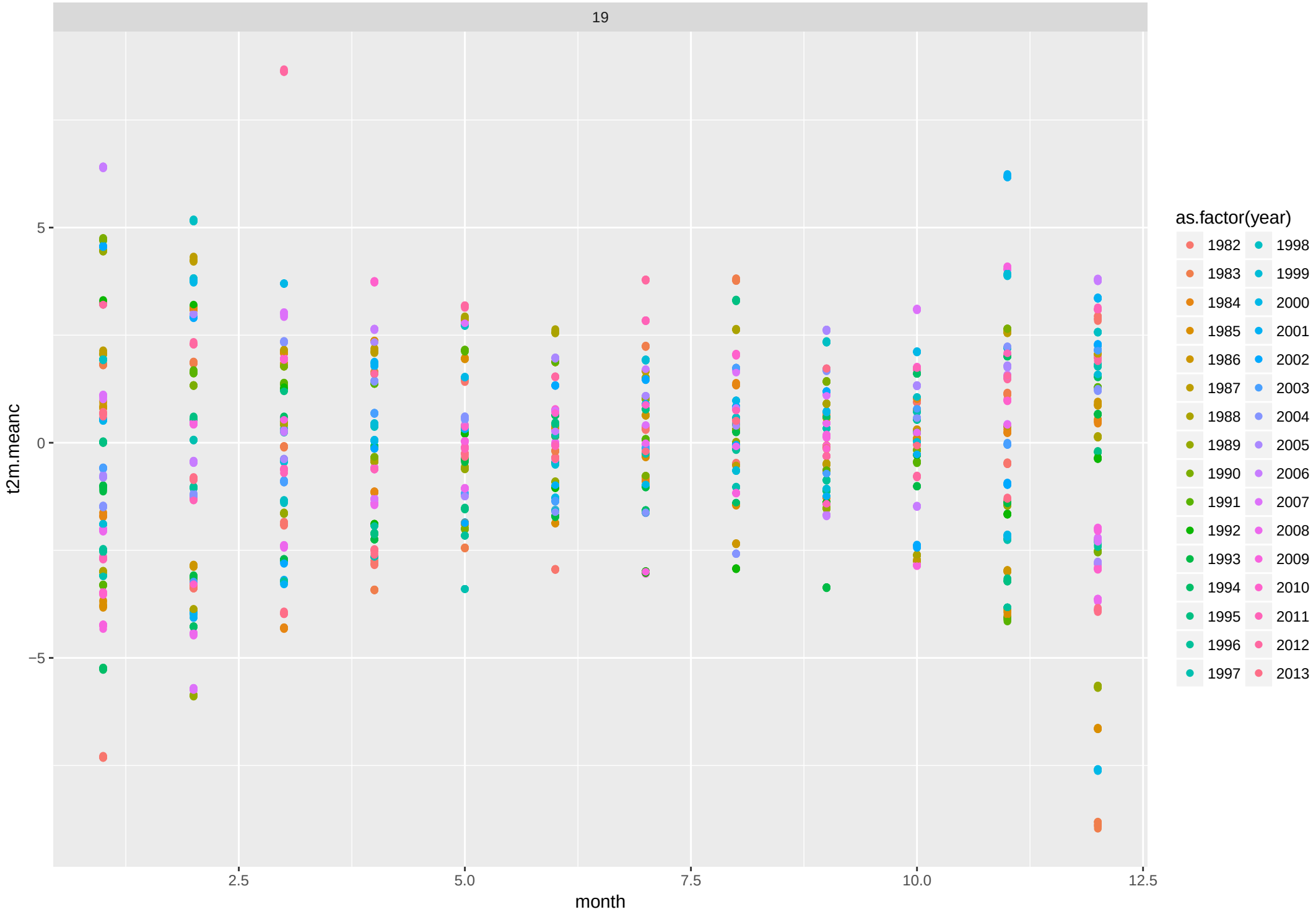

13
5.0
2.5
0.0
−2.5
−5.0
t2m.meanc
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

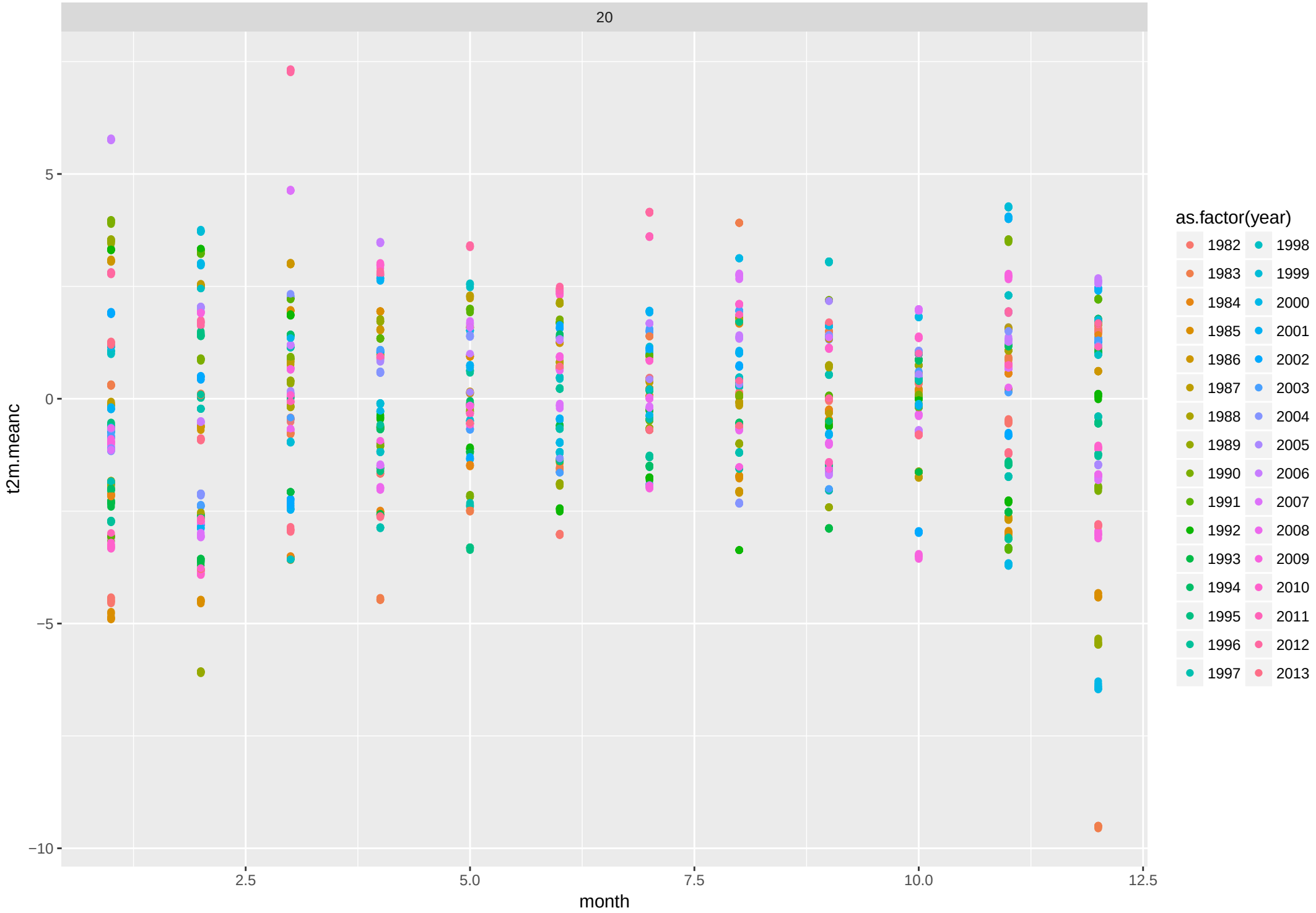

15
1
0
−1
t2m.meanc
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

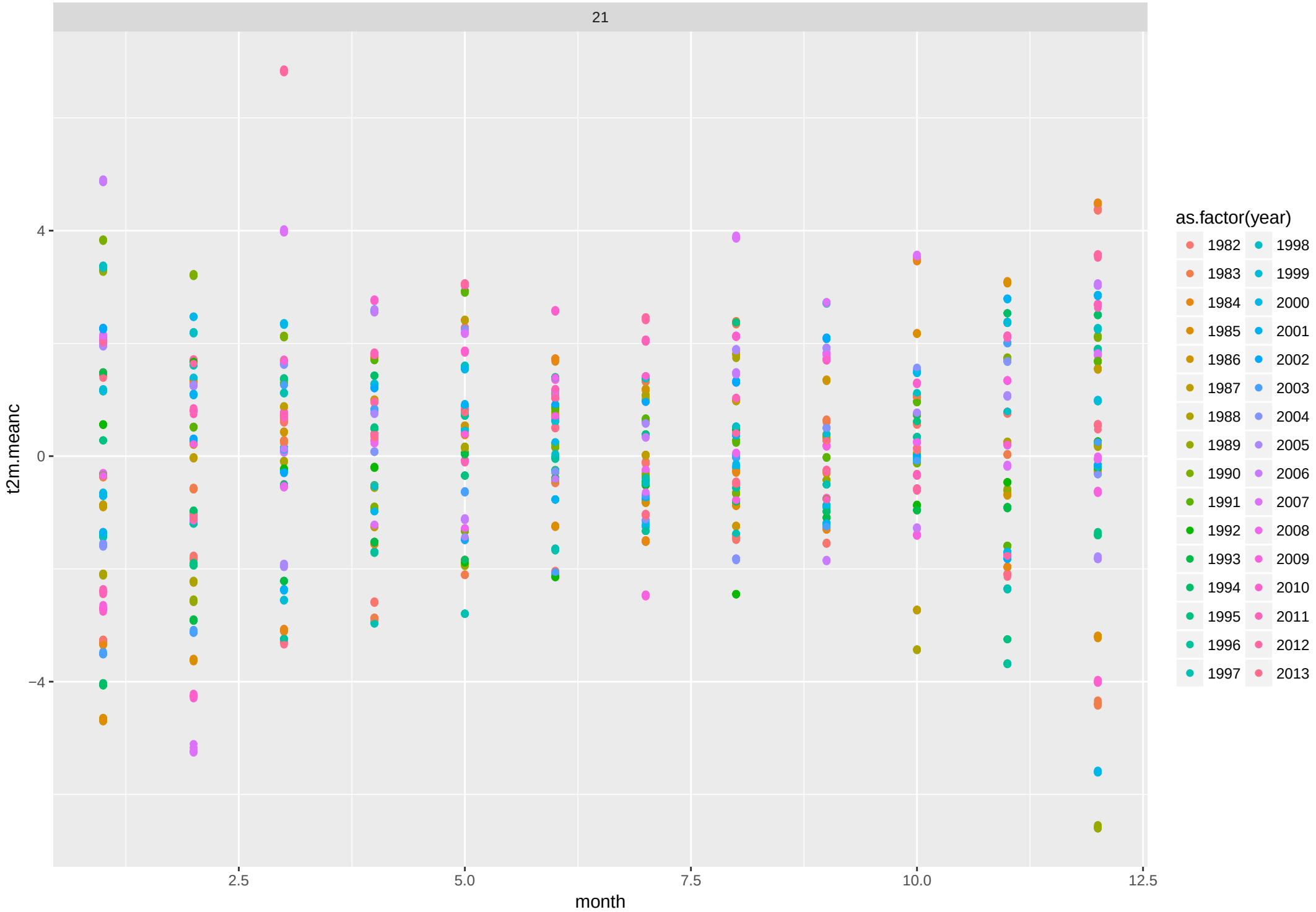

16
4
2
0
−2
−4
t2m.meanc
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

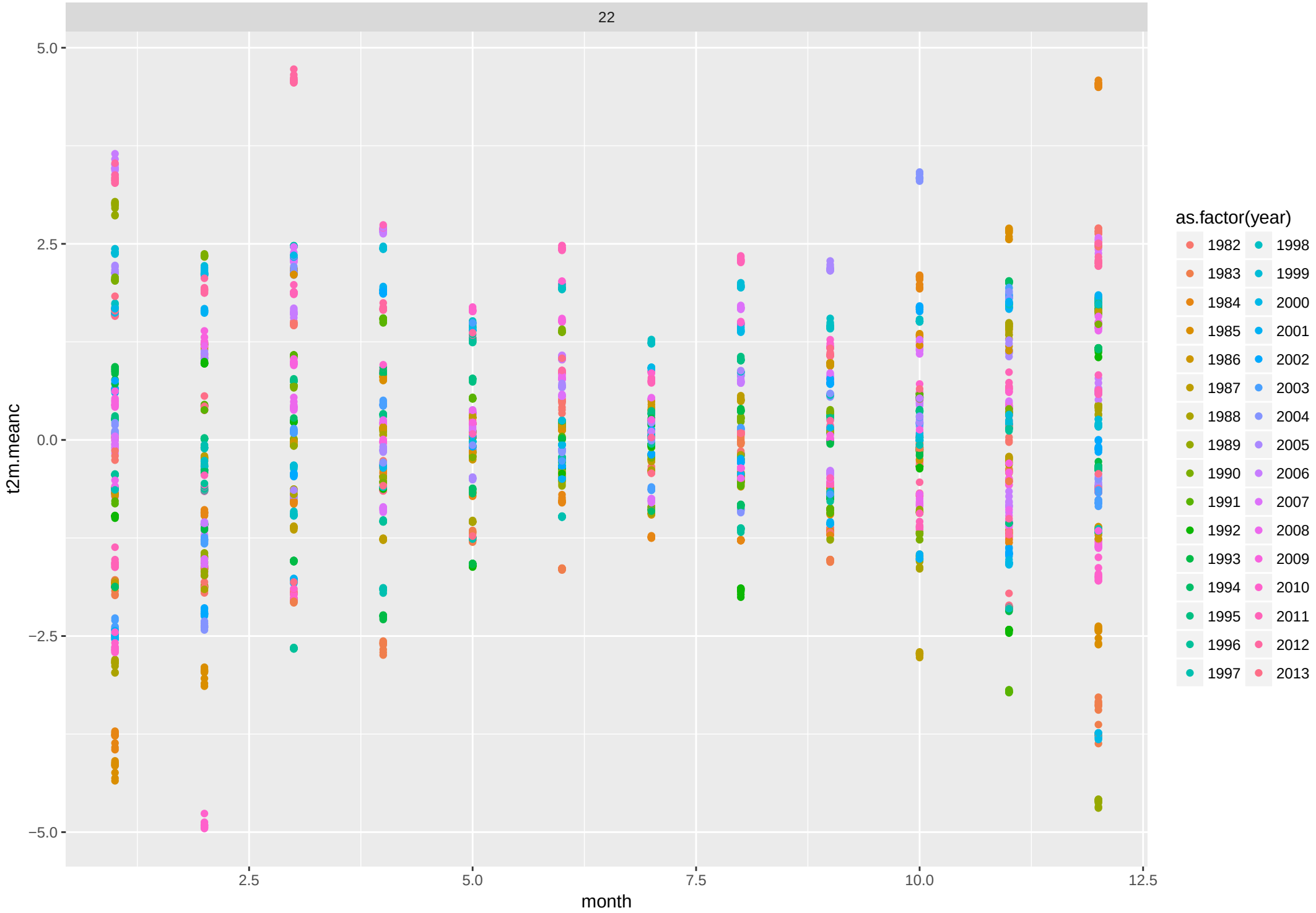

17
t2m.meanc
4
0
−4
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

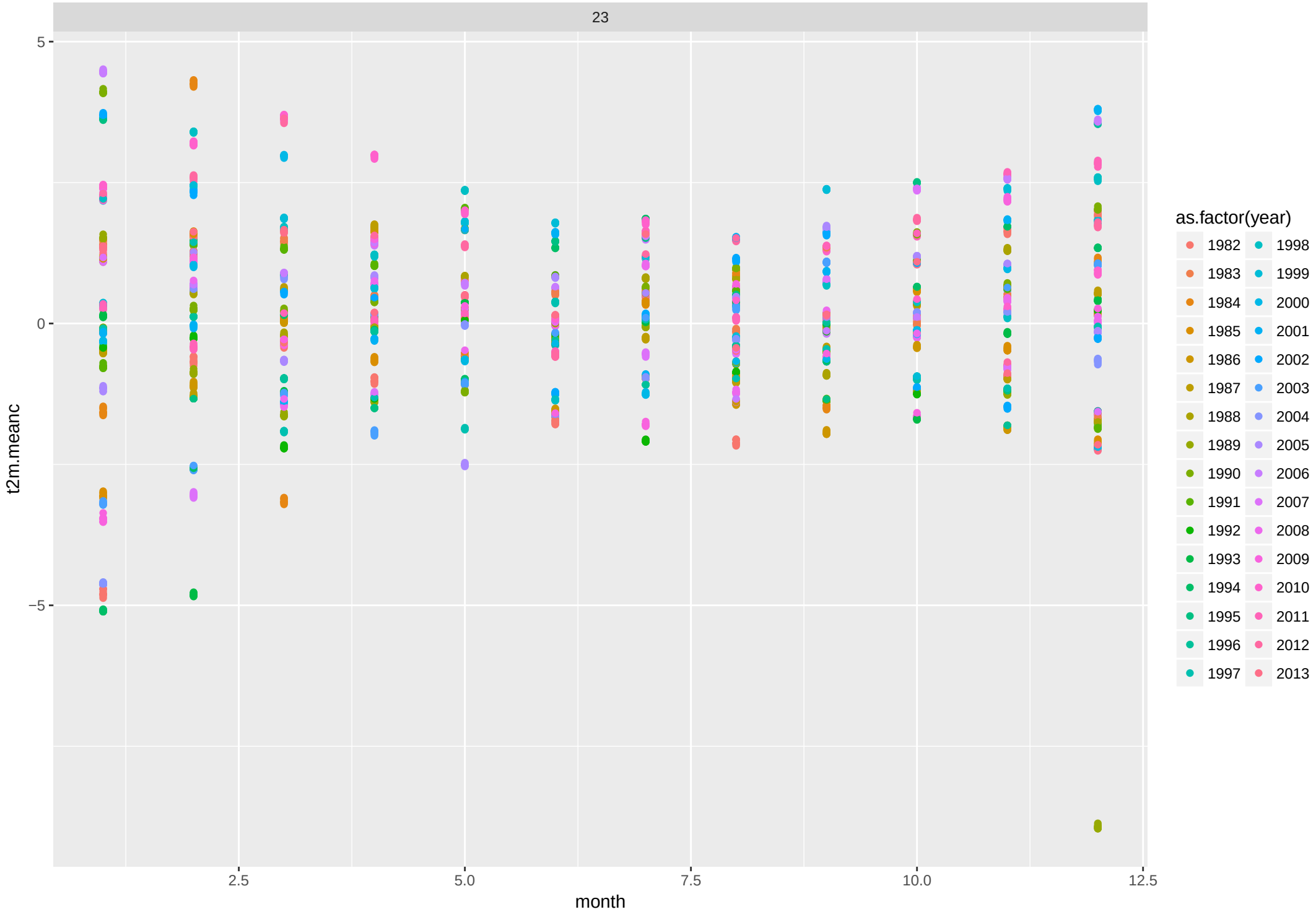

18
8
4
0
−4
t2m.meanc
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

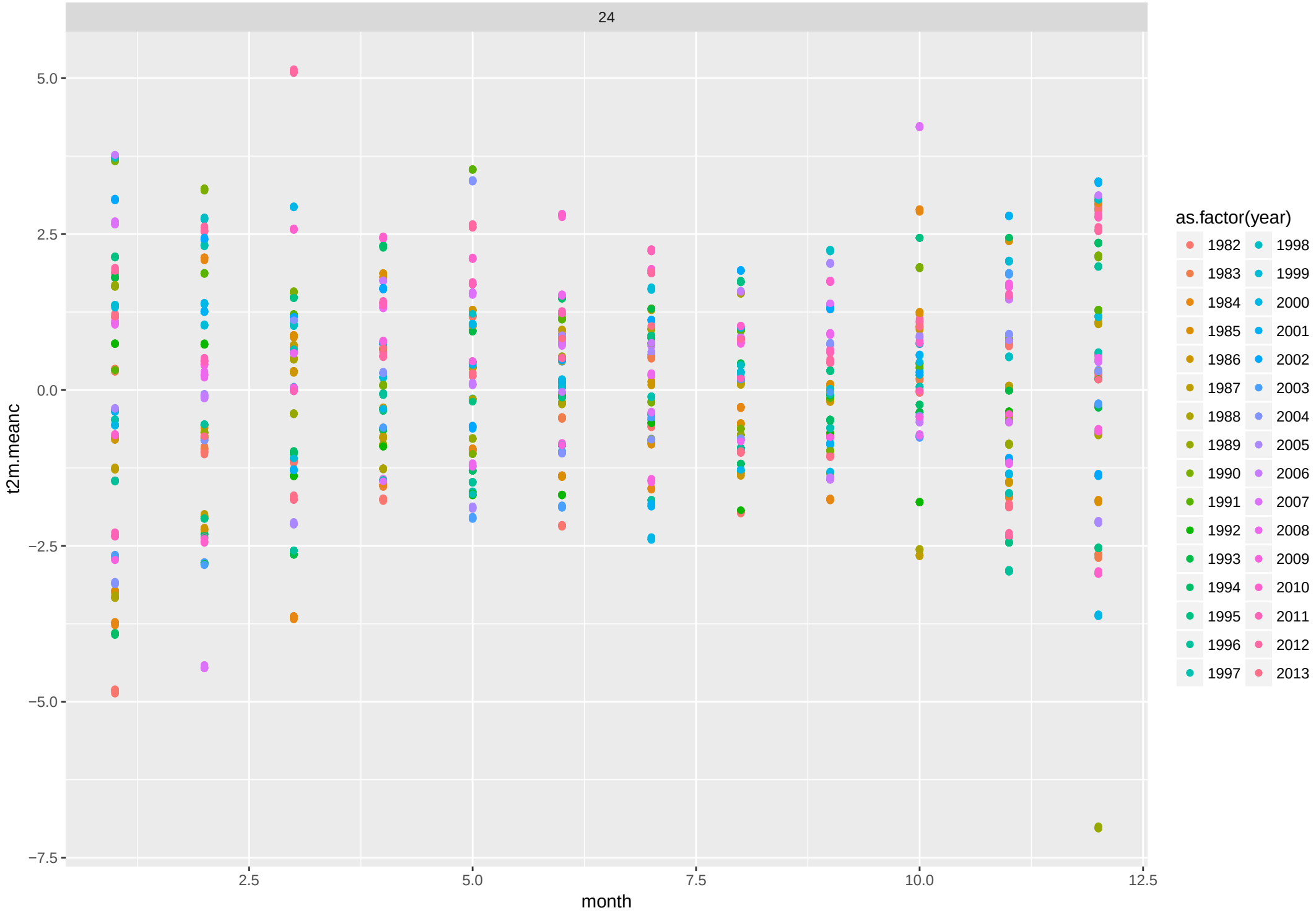

19
t2m.meanc
5
0
−5
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

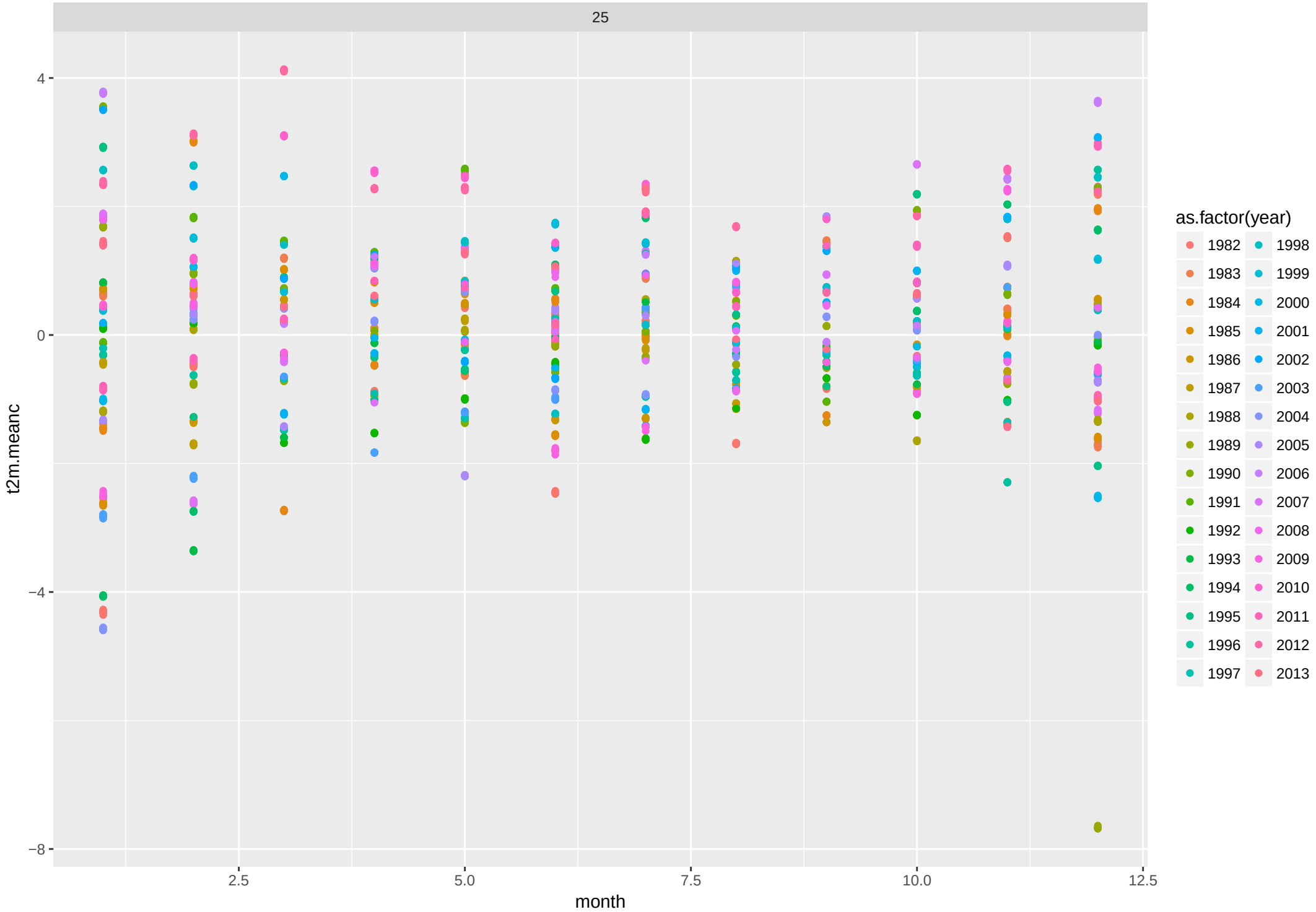

20
t2m.meanc
5
0
−5
−10
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

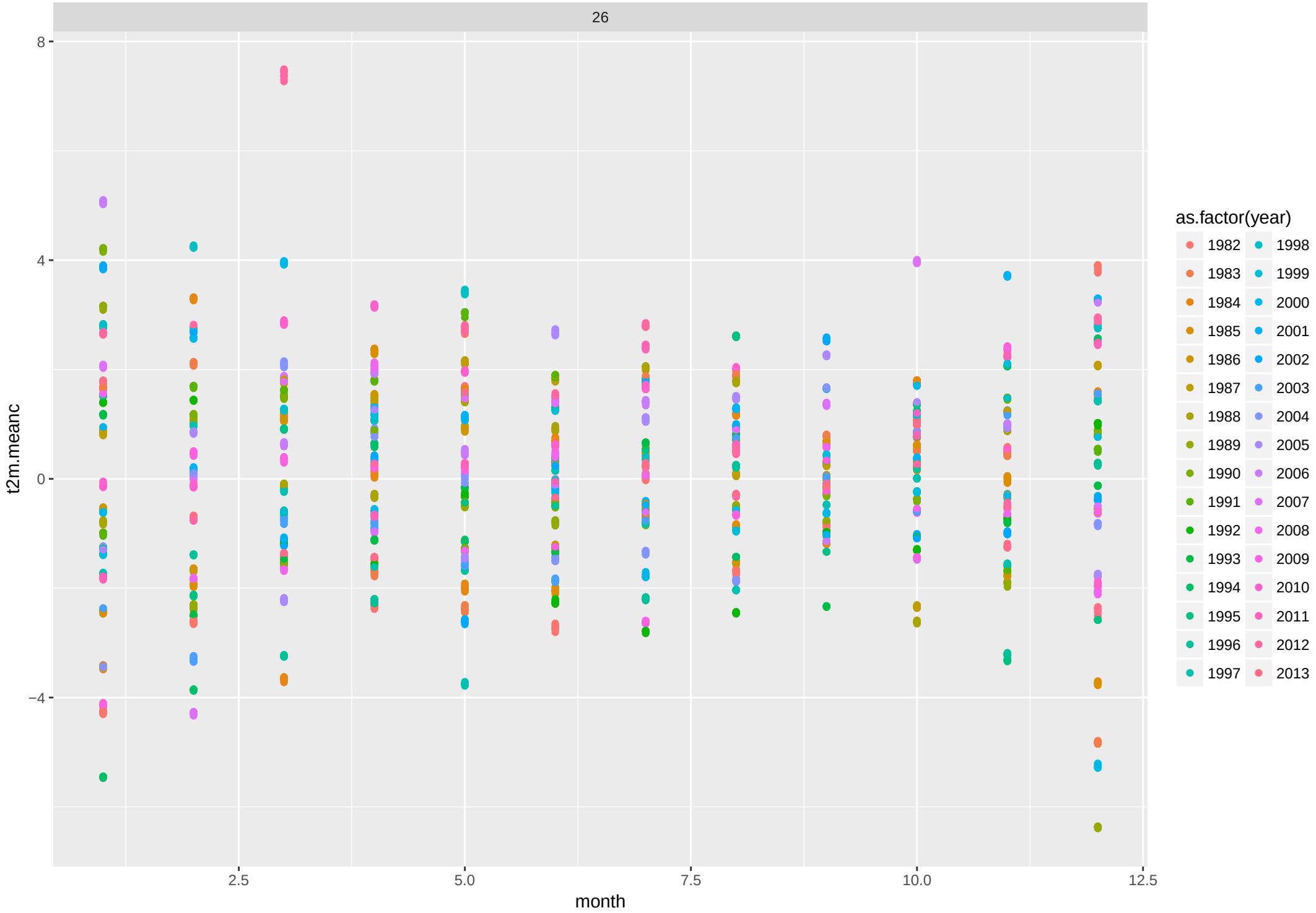

21
t2m.meanc
4
0
−4
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

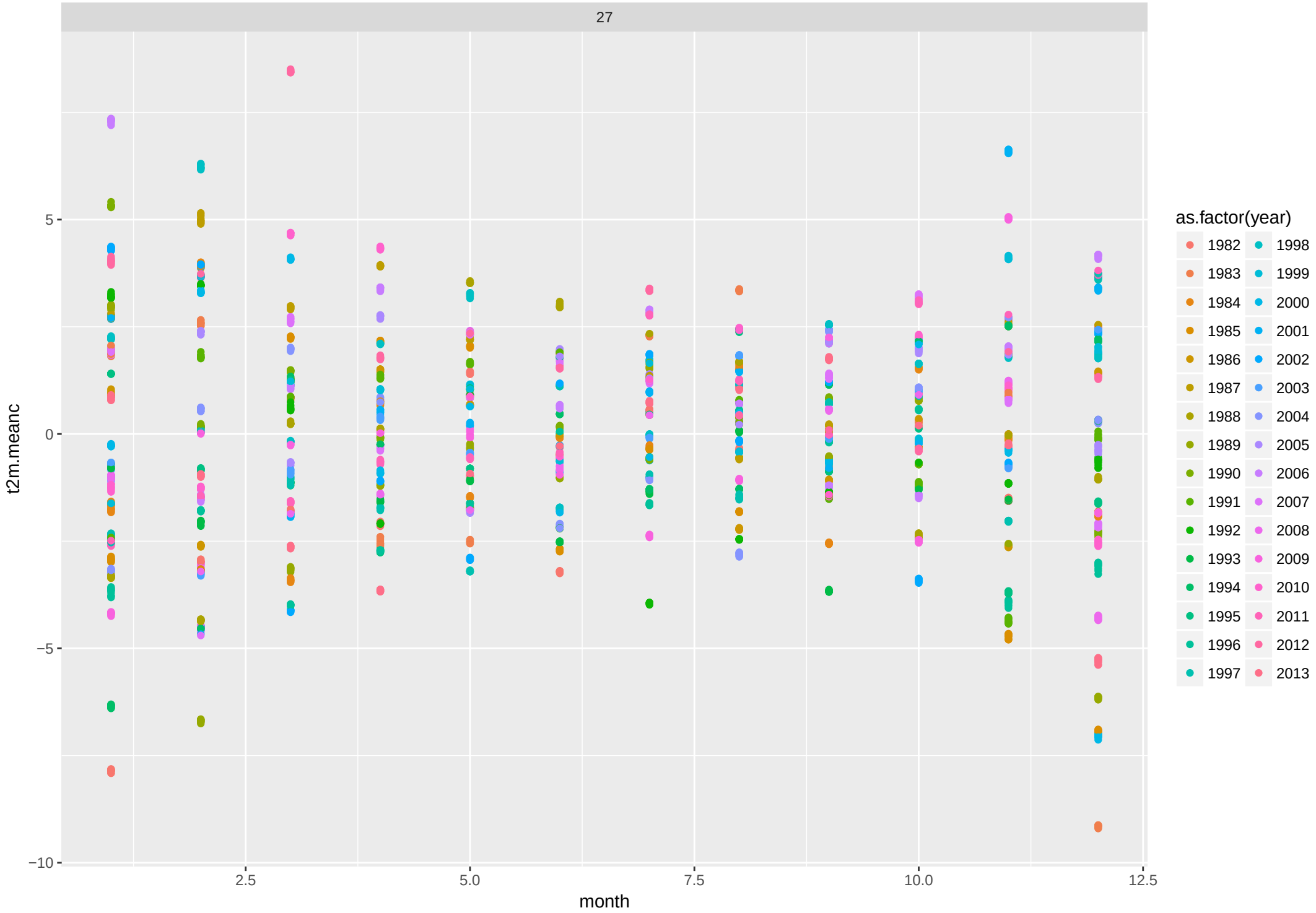

22
5.0
2.5
0.0
−2.5
−5.0
t2m.meanc
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

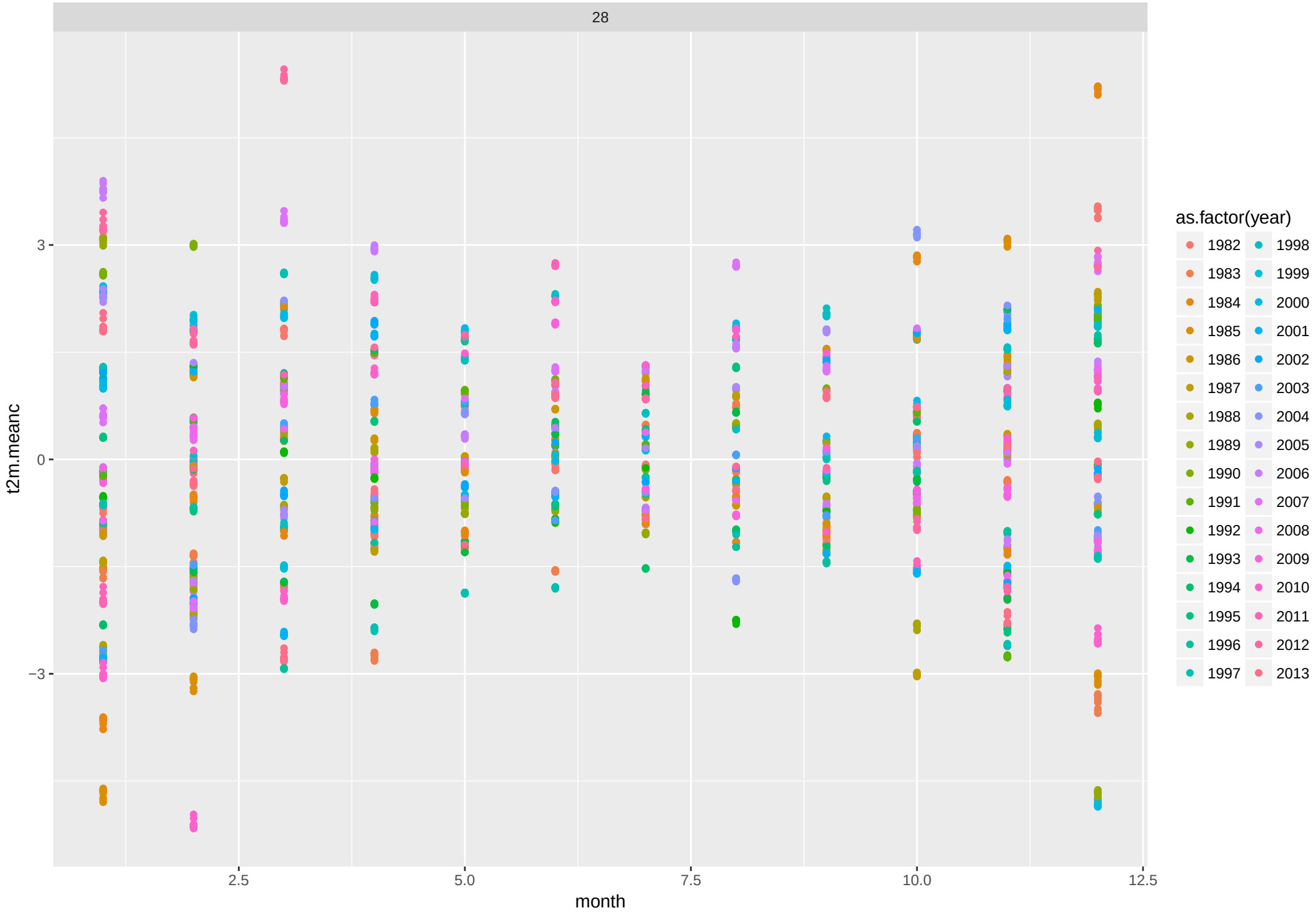

23
5
0
−5
t2m.meanc
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

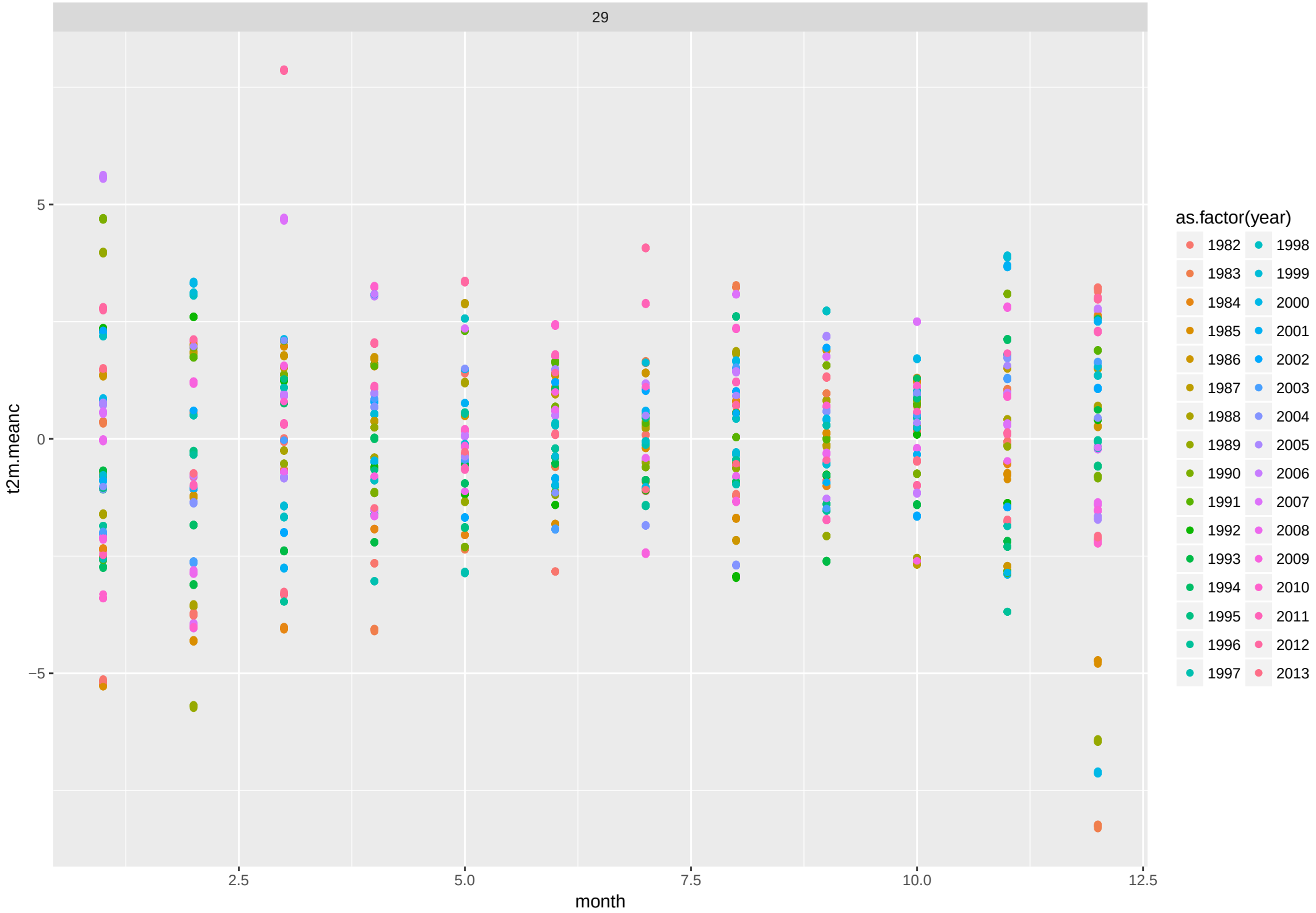

24
5.0
2.5
0.0
−2.5
−5.0
−7.5
t2m.meanc
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

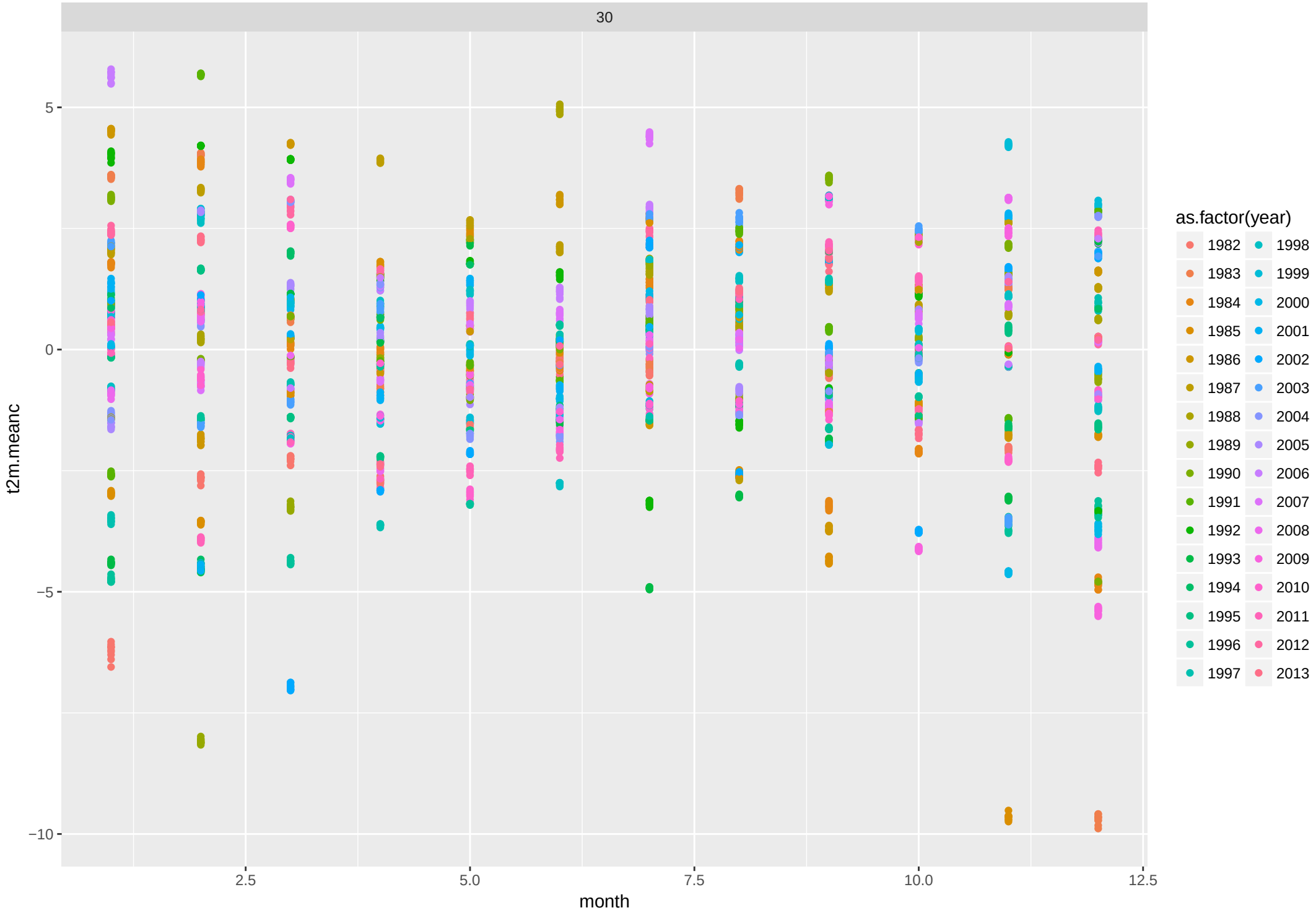

25
4
0
−4
−8
t2m.meanc
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

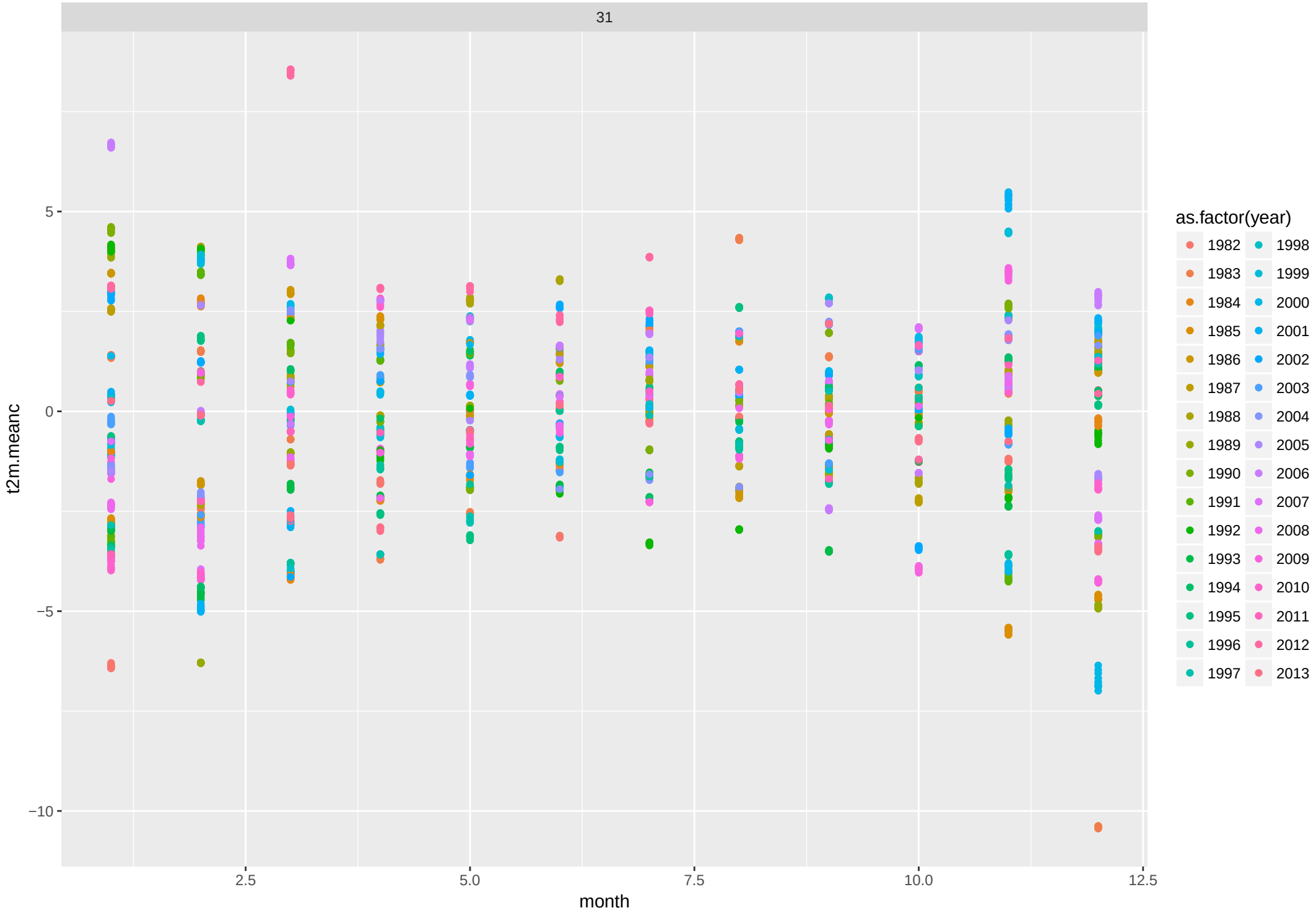

26
8
4
0
−4
t2m.meanc
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

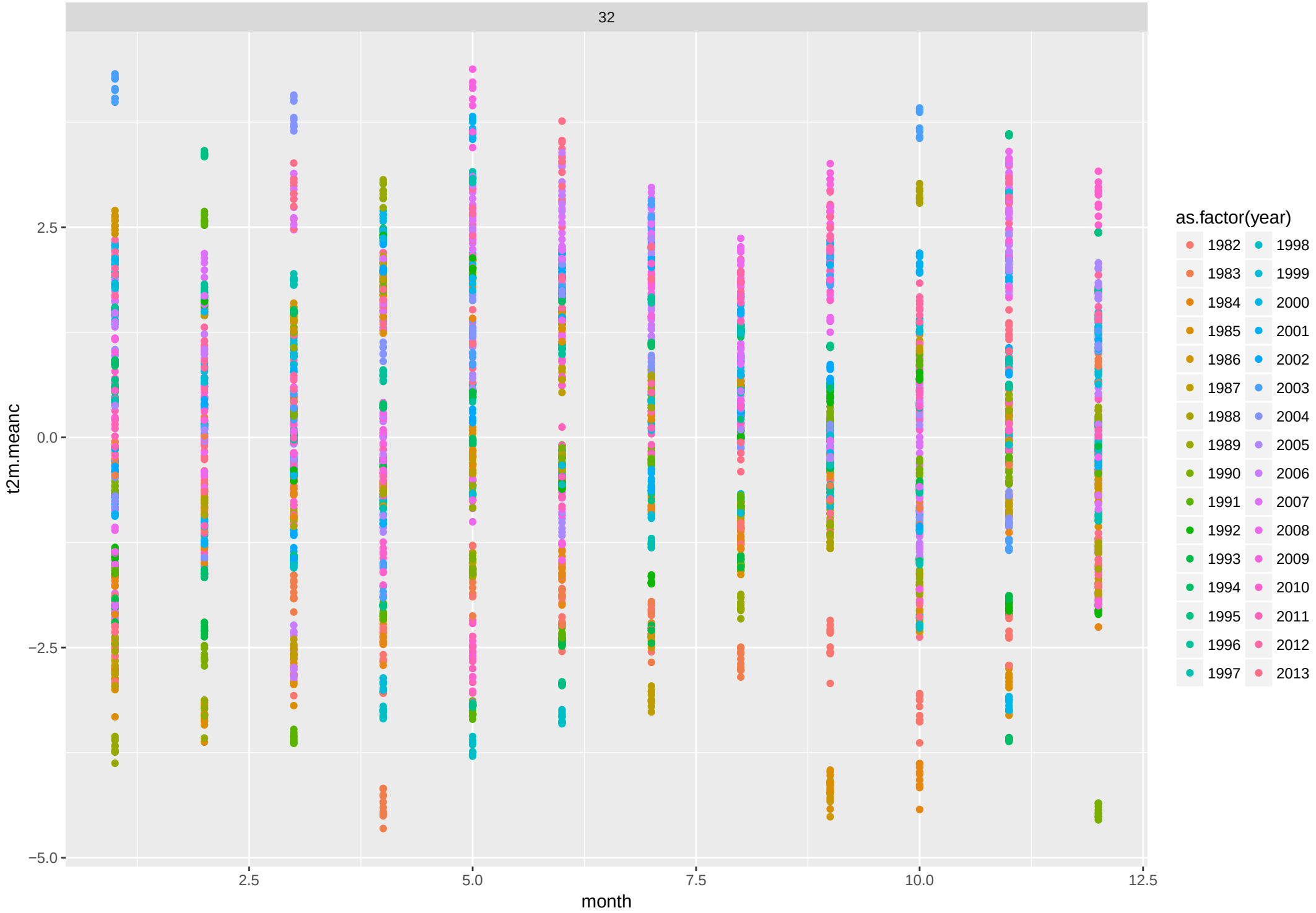

27
t2m.meanc
5
0
−5
−10
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

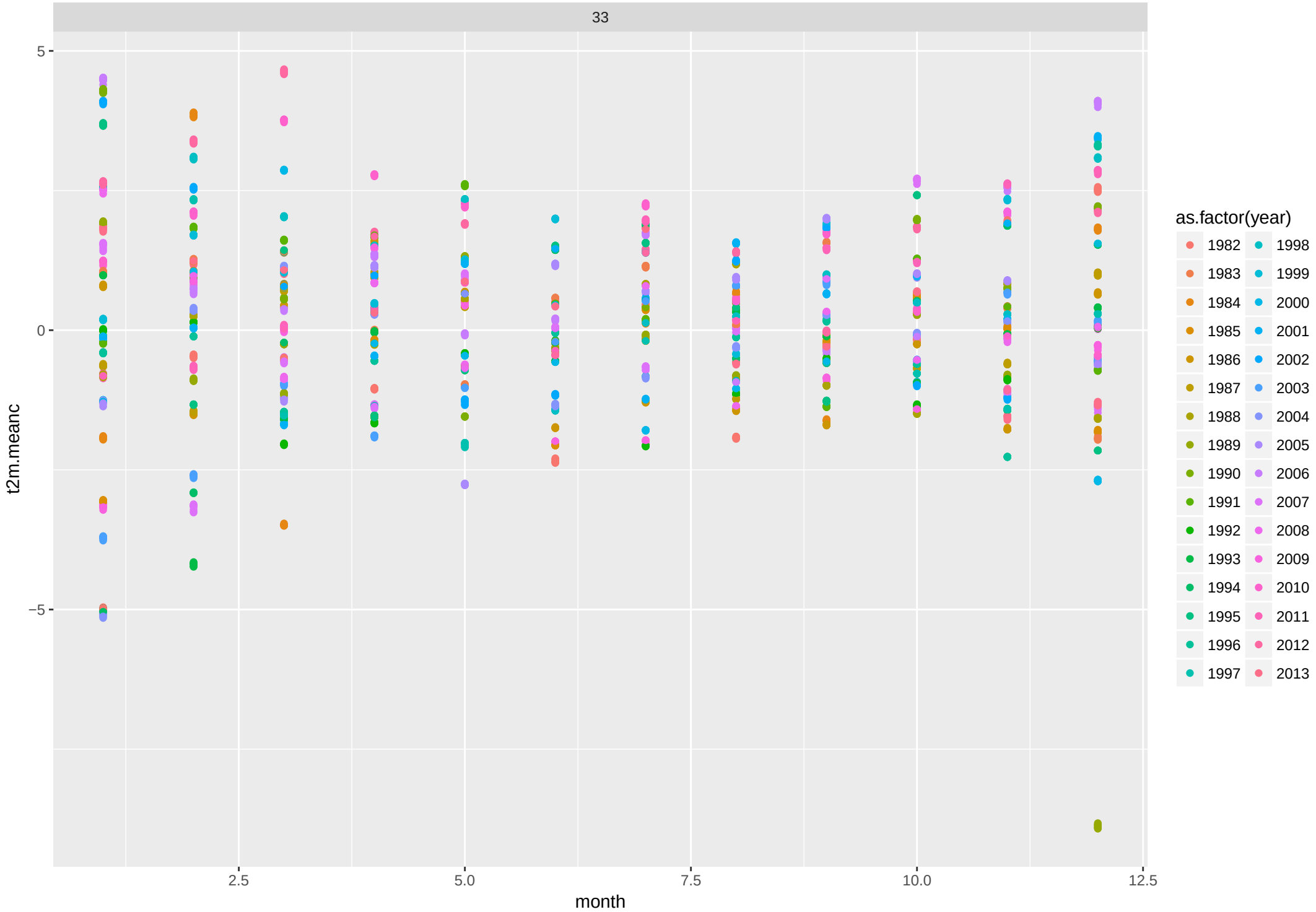

28
t2m.meanc
3
0
−3
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

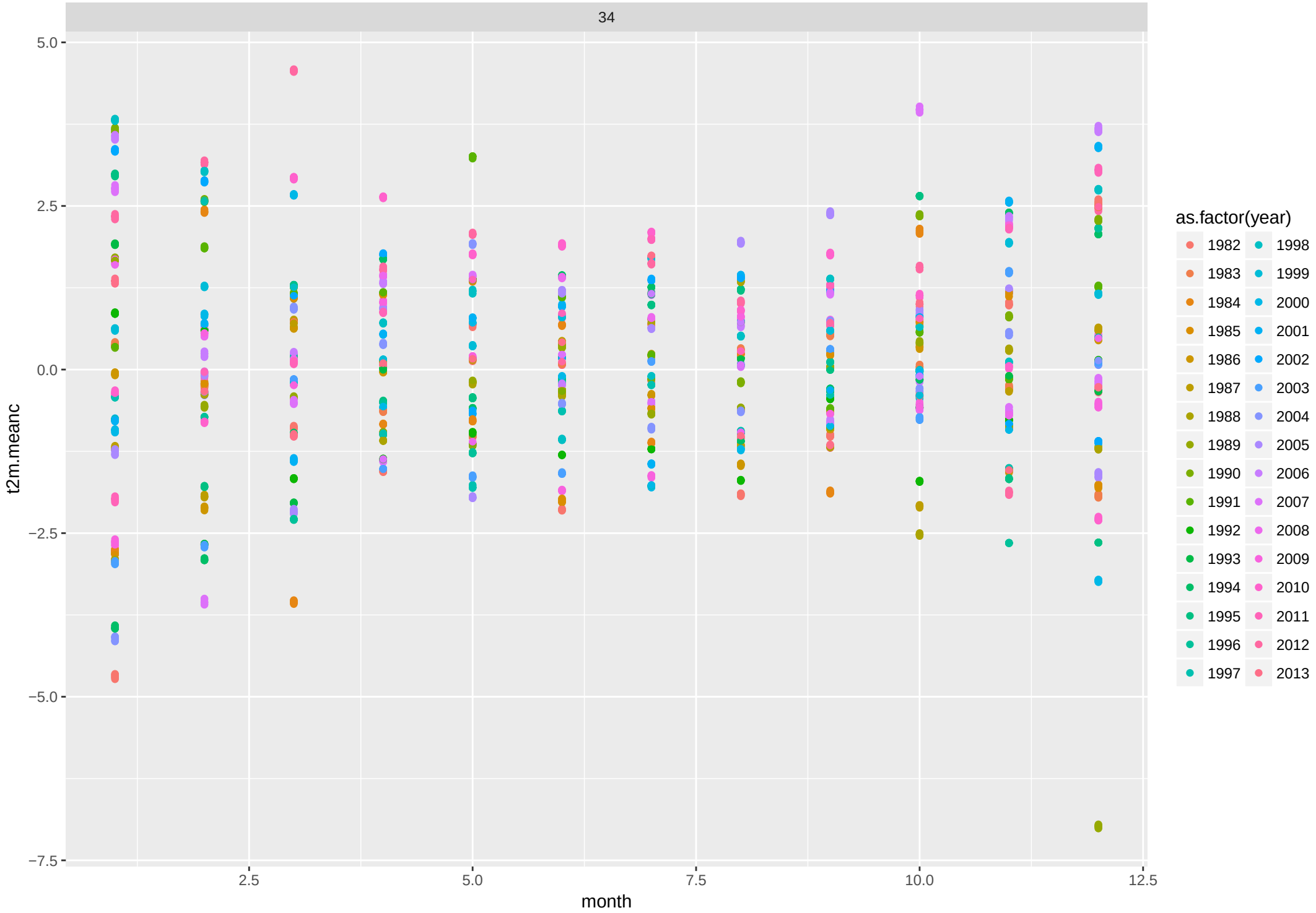

29
5
0
−5
t2m.meanc
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

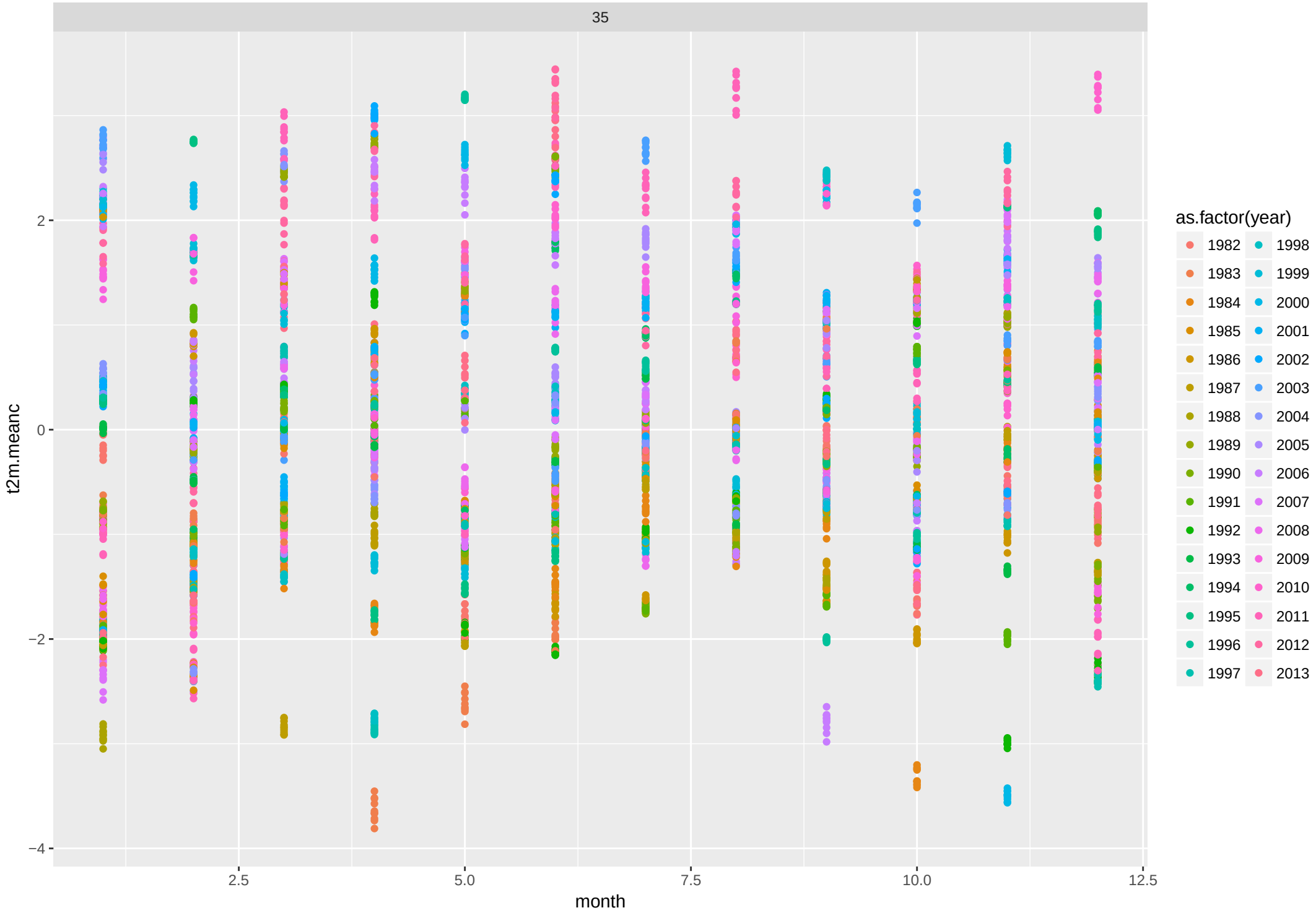

30
5
0
−5
−10
t2m.meanc
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

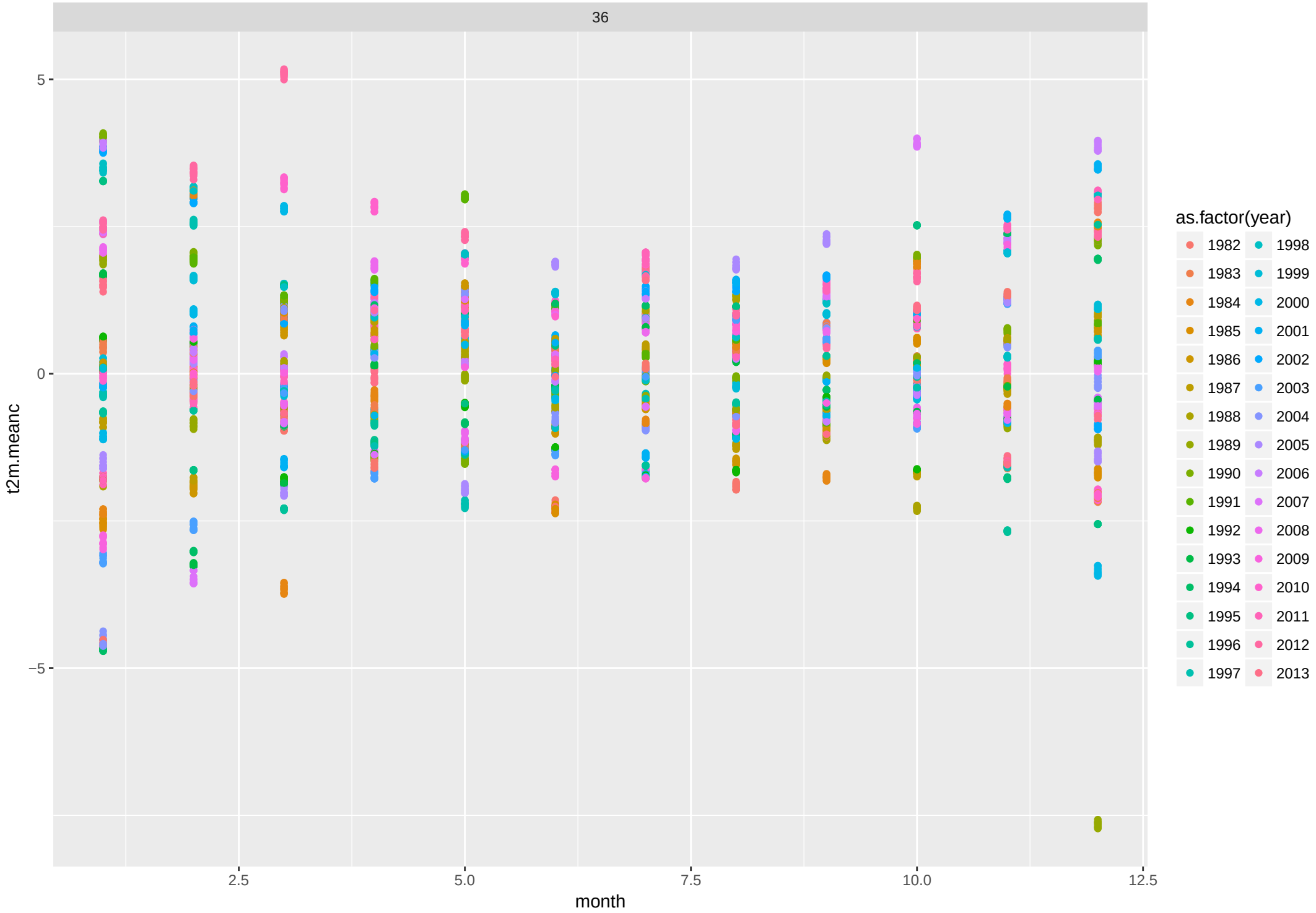

31
t2m.meanc
5
0
−5
−10
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

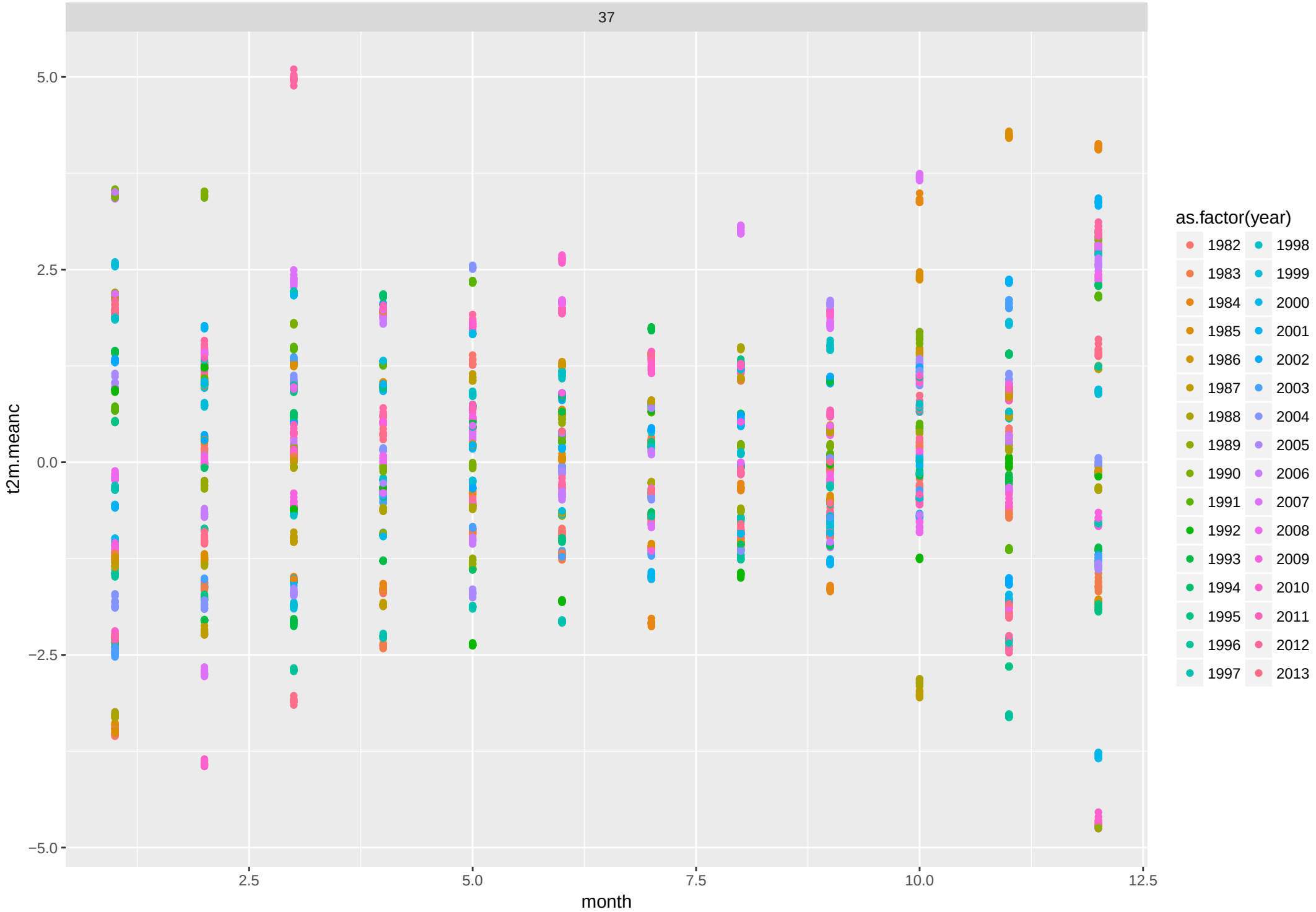

32
t2m.meanc
2.5
0.0
−2.5
−5.0
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

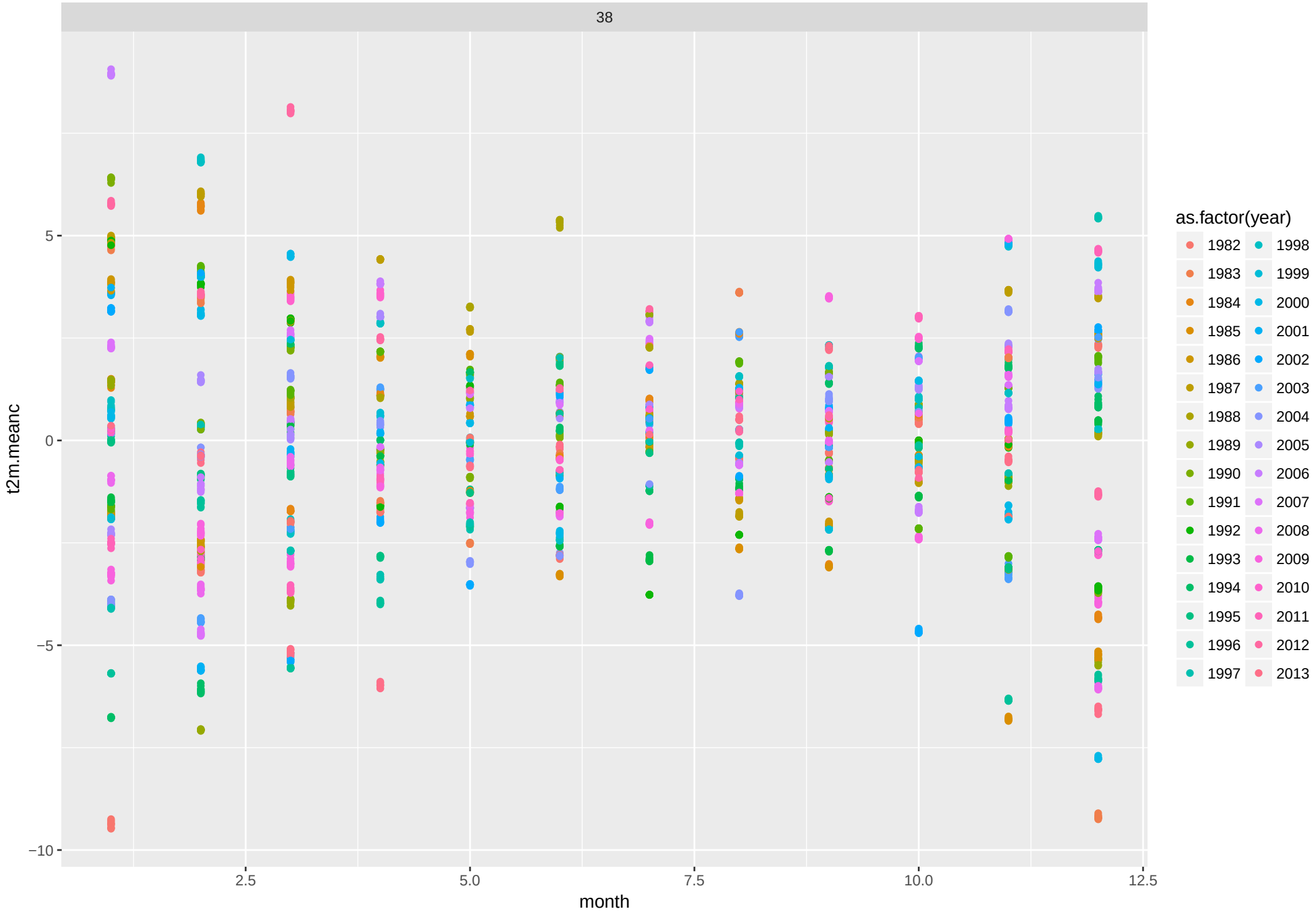

33
5
0
−5
t2m.meanc
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

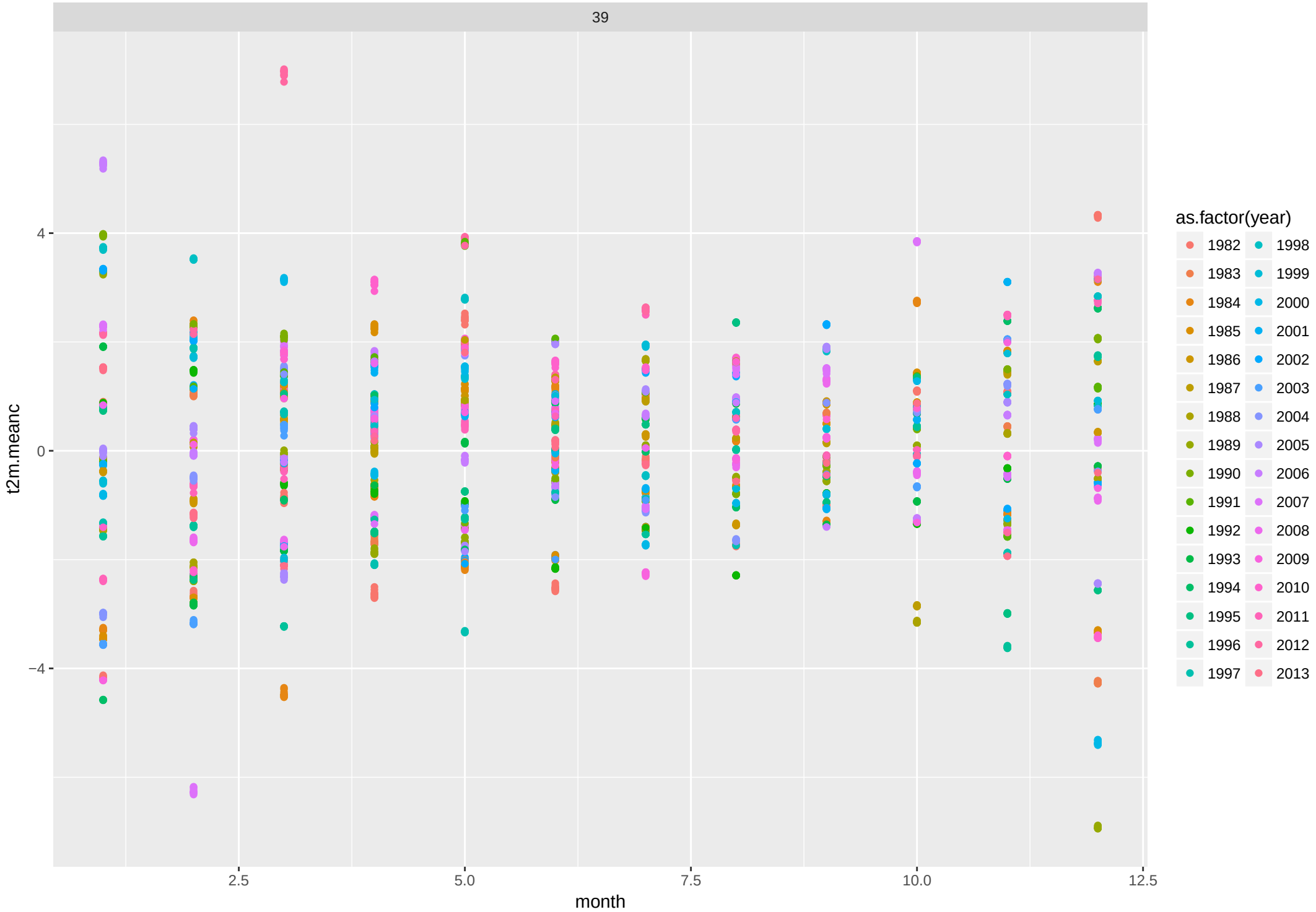

34
5.0
2.5
0.0
−2.5
−5.0
−7.5
t2m.meanc
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

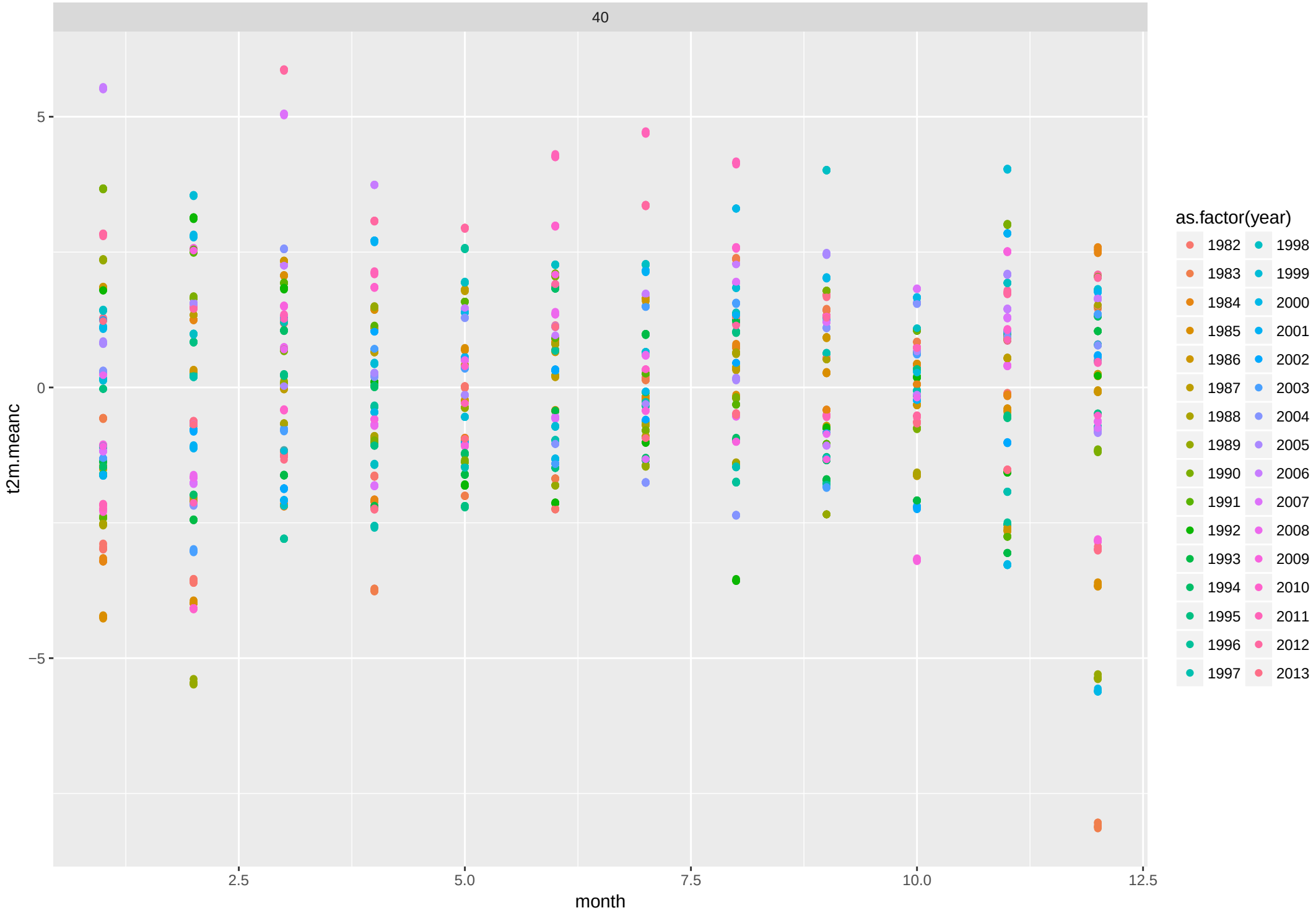

35
t2m.meanc
2
0
−2
−4
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

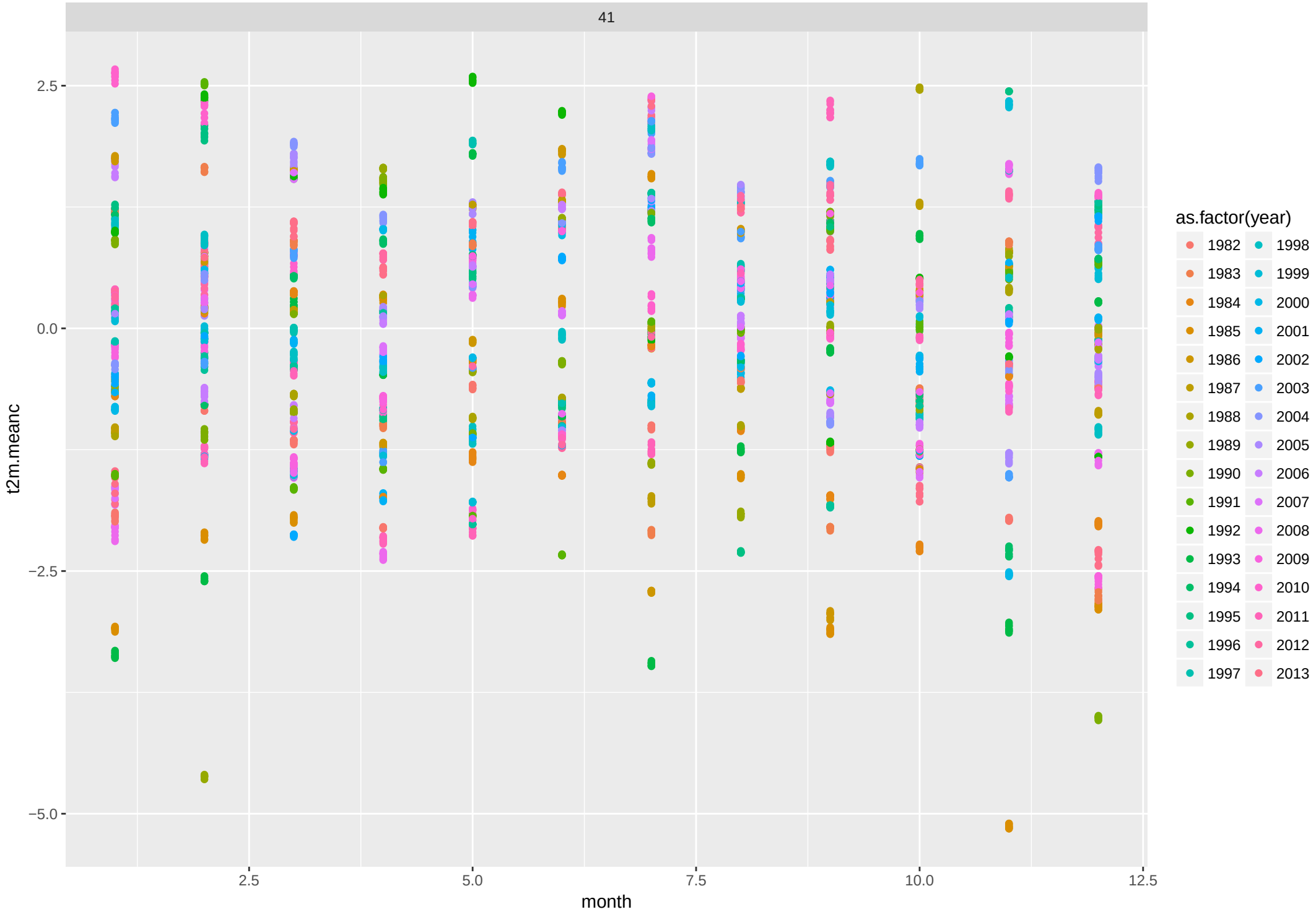

36
5
0
−5
t2m.meanc
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013

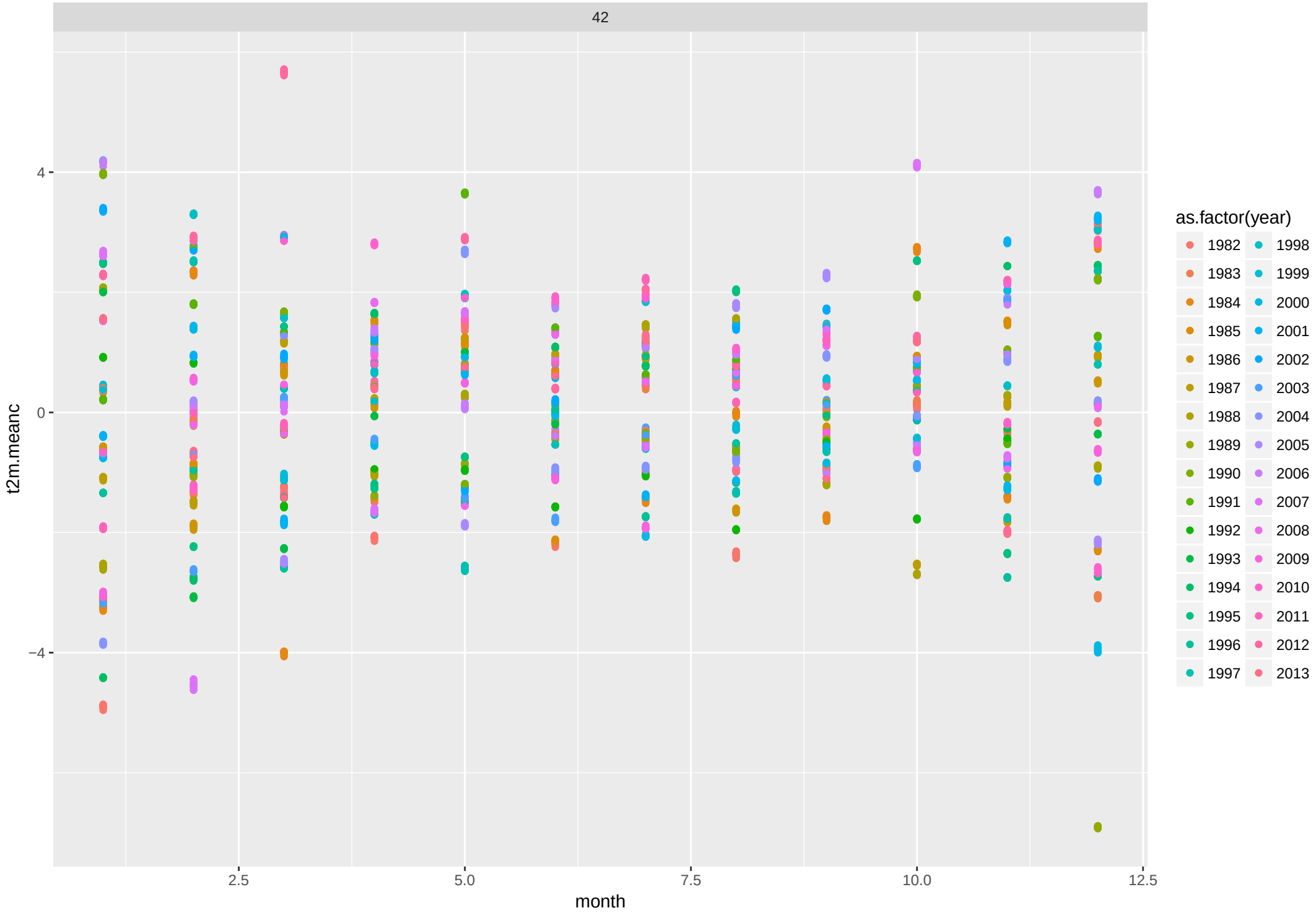

37
5.0
2.5
0.0
−2.5
−5.0
t2m.meanc
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013


38
t2m.meanc
5
0
−5
−10
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013


39
t2m.meanc
4
0
−4
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013


40
5
0
−5
t2m.meanc
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013


41
2.5
0.0
−2.5
−5.0
t2m.meanc
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013


42
t2m.meanc
4
0
−4
2.5
5.0
7.5
10.0
12.5
month
as.factor(year)
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013