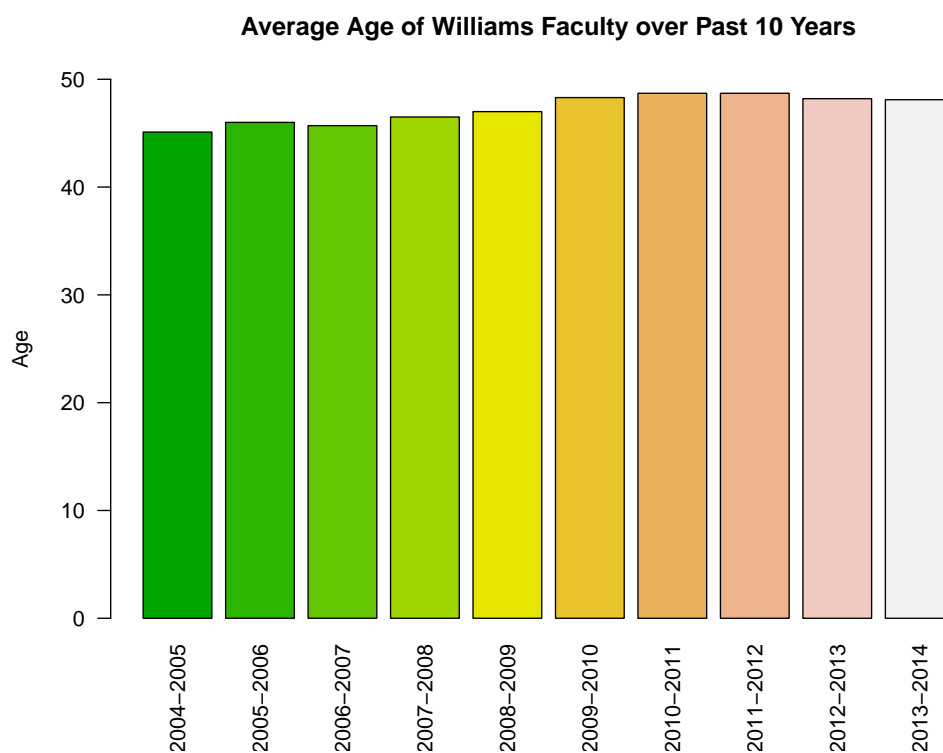


Estimating the Average Age of the Williams College Faculty

By Matt Morris

My estimated average age for the Williams College Faculty for the last 10 years are as follows:

2004-2005 = 45.1
2005-2006 = 46
2006-2007 = 45.7
2007-2008 = 46.5
2008-2009 = 47
2009-2010 = 48.3
2010-2011 = 48.7
2011-2012 = 48.7
2012-2013 = 48.2
2013-2014 = 48.1



The youngest and oldest faculty member's age and name for the last 10 years are as follows:

Youngest 2004-2005 = 24, Zafrir Levy, Assistant Professor of Physical Education and Head Coach of Men's and Women's Squash

Oldest 2004-2005 = 83, Henry J. Bruton, Visiting Professor of Economics

Youngest 2005-2006 = 25, Heather N. Harrington, Assistant Project Cataloger

Oldest 2005-2006 = 84, Henry J. Bruton, Visiting Professor of Economics

Youngest 2006-2007 = 25, Robert Michelin, Visiting Lecturer in Music and Director of Zambezi

Oldest 2006-2007 = 85, Henry J. Bruton Visiting Professor of Economics

Youngest 2007-2008 = 27, Heather Harrington, Collections Archivist and Marshall K. Creighton, Lecturer in Physical Education

Oldest 2007-2008 = 86, Henry J. Bruton, Visiting Professor of Economics

Youngest 2008-2009 = 23, Binyavanga Wainaina, Sterling Brown '22 Visiting Professor of Africana Studies, First Semester

Oldest 2008-2009 = 87, Henry J. Bruton, Visiting Professor of Economics

Youngest 2009-2010 = 26, David A. Chalifoux, Library Shelving Facility Supervisor

Oldest 2009-2010 = 88, Henry J. Bruton, Visiting Professor of Economics

Youngest 2010-2011 = 24, Daniel Greenberg, Lecturer of Physical Education and Head Men's Tennis Coach

Oldest 2010-2011 = 89, Henry J. Bruton, Visiting Professor of Economics

Youngest 2011-2012 = 25, Daniel Greenberg, Assistant Professor of Physical Education and Head Men's Tennis Coach

Oldest 2011-2012 = 90, Henry J. Bruton, Visiting Professor of Economics

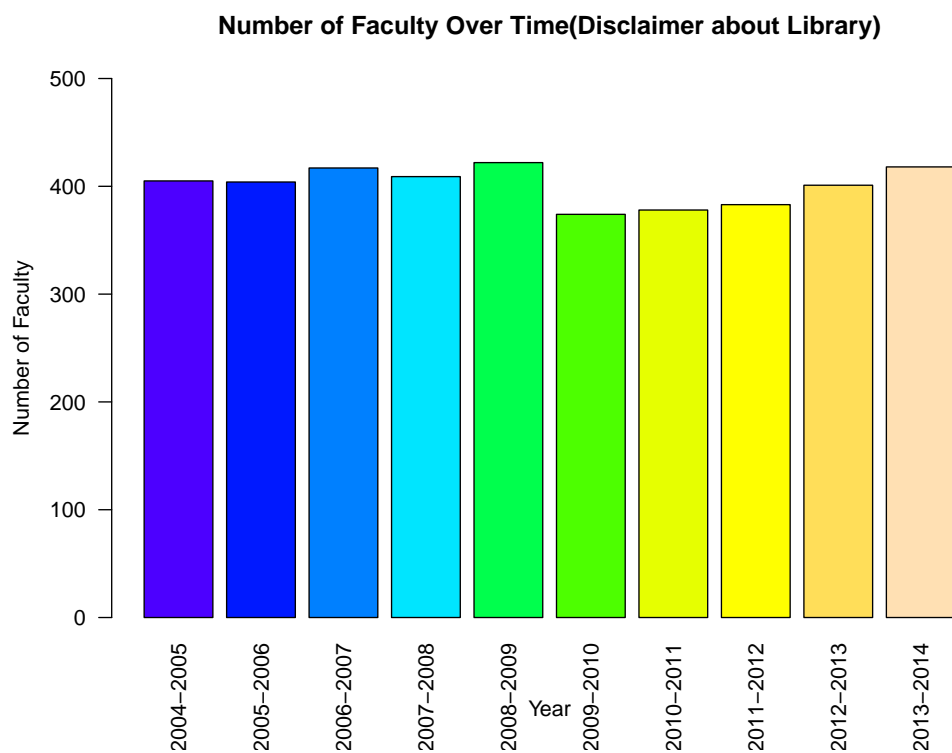
Youngest 2012-2013 = 24, Qing(Wendy) Wang, Assistant Professor of Statistics

Oldest 2012-2013 = 91, Henry J. Bruton, Visiting Professor of Economics

Youngest 2013-2014 = 24, Sarah A. Mirseyedi, Visiting Lecturer in Art

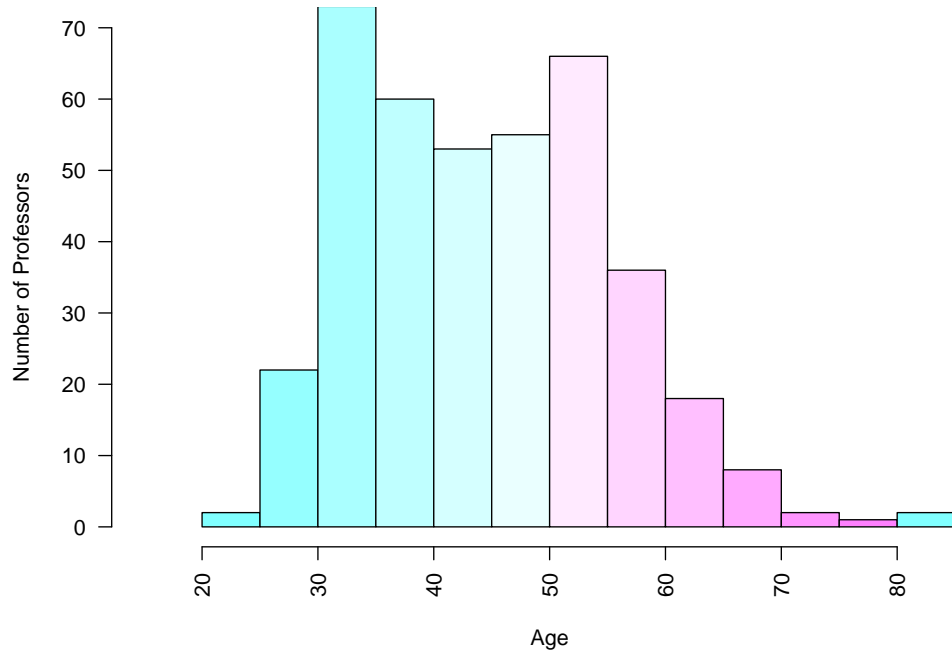
Oldest 2013-2014 = 77, Charles B. Dew, Ephraim Williams Professor of American History

How the Number of Faculty have changed over time? Talk about disclaimer about library

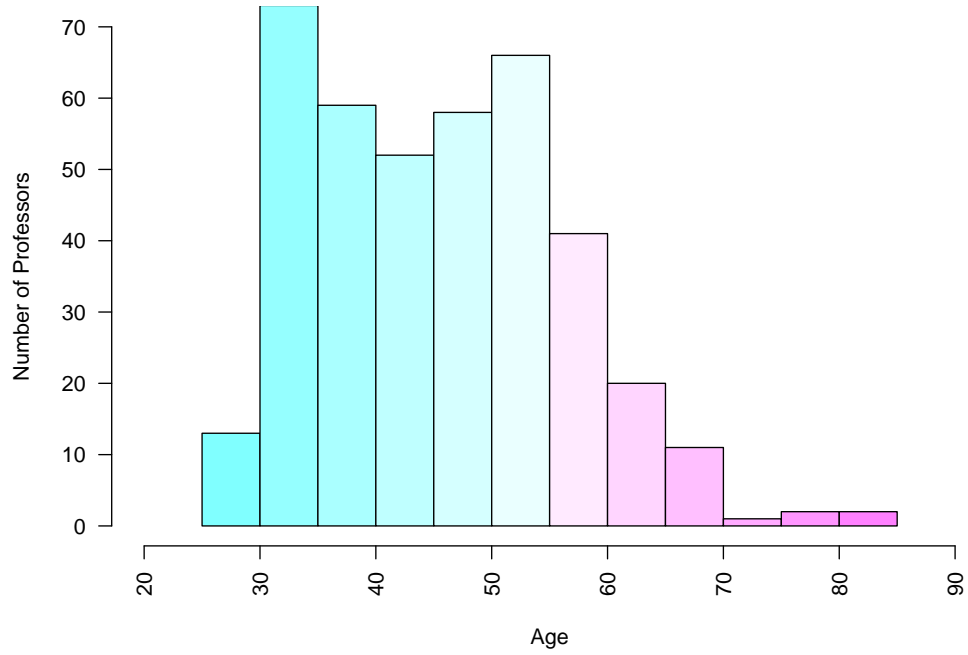


How has the age distribution of the professors changed over time?

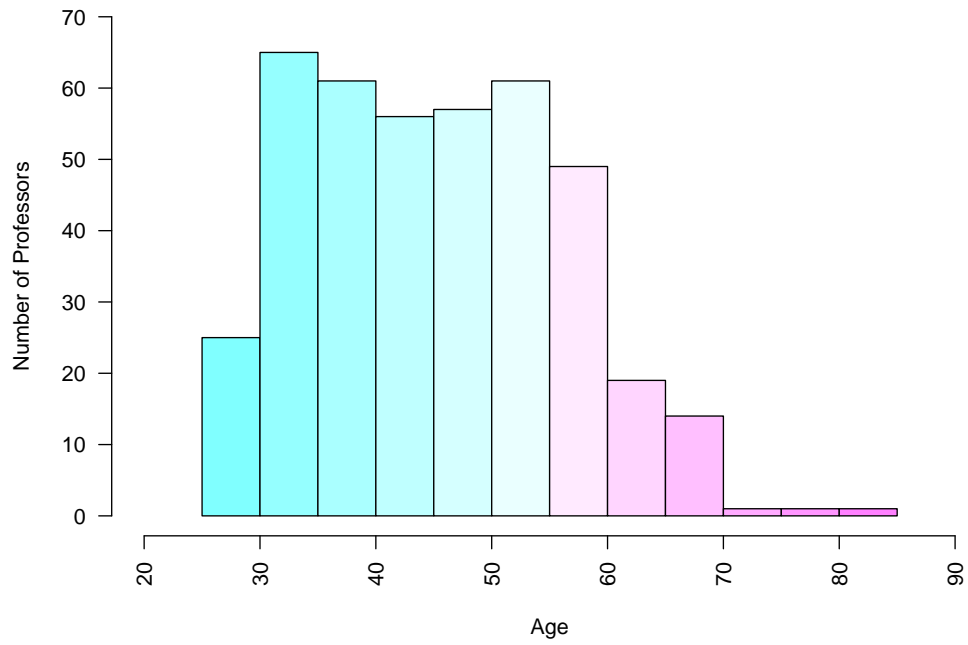
Faculty Age of Williams Professors 2004–2005



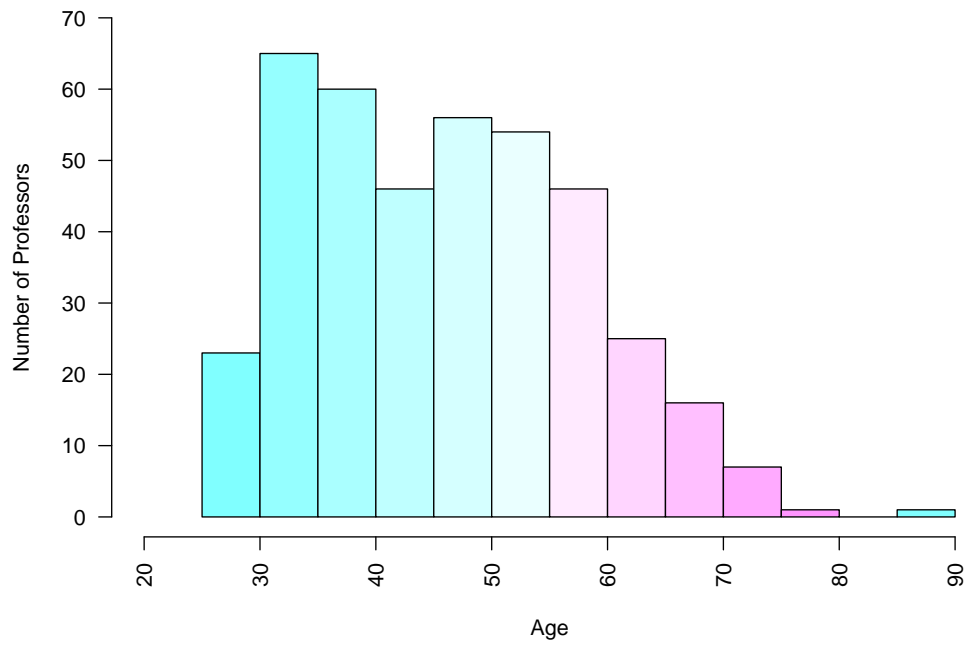
Faculty Age of Williams Professors 2005–2006



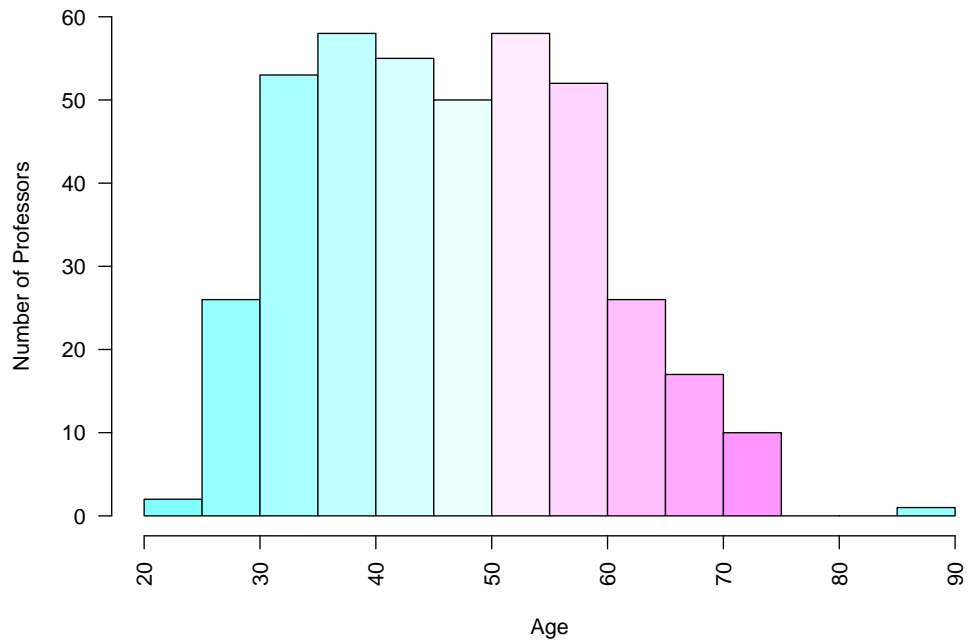
Faculty Age of Williams Professors 2006–2007



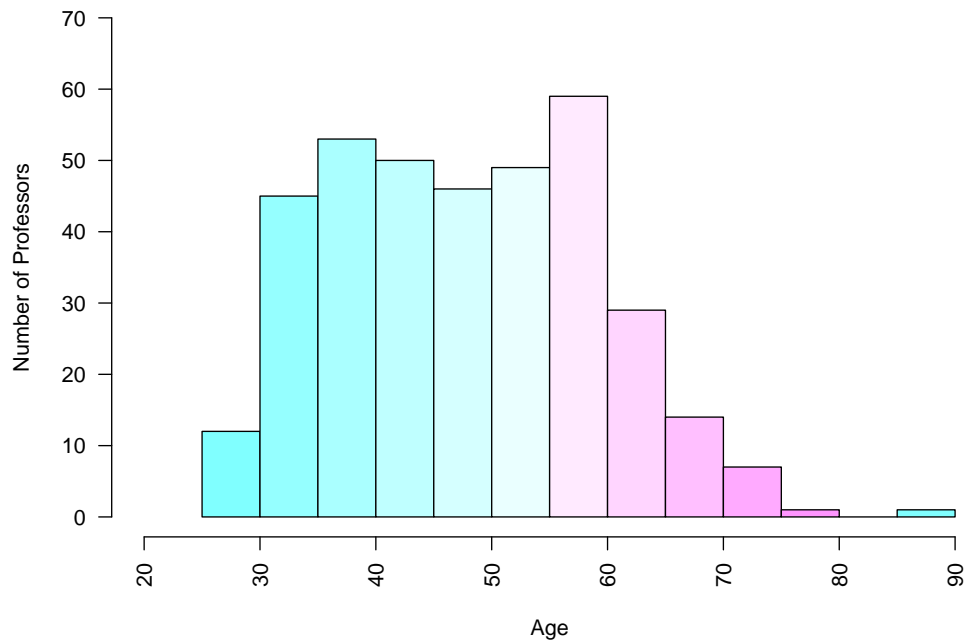
Faculty Age of Williams Professors 2007–2008



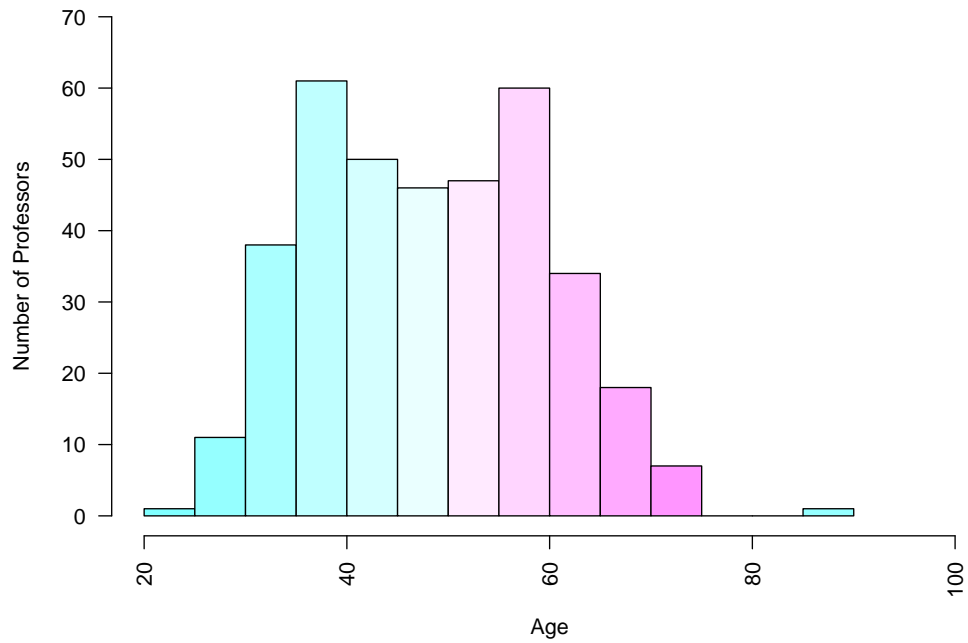
Faculty Age of Williams Professors 2008–2009



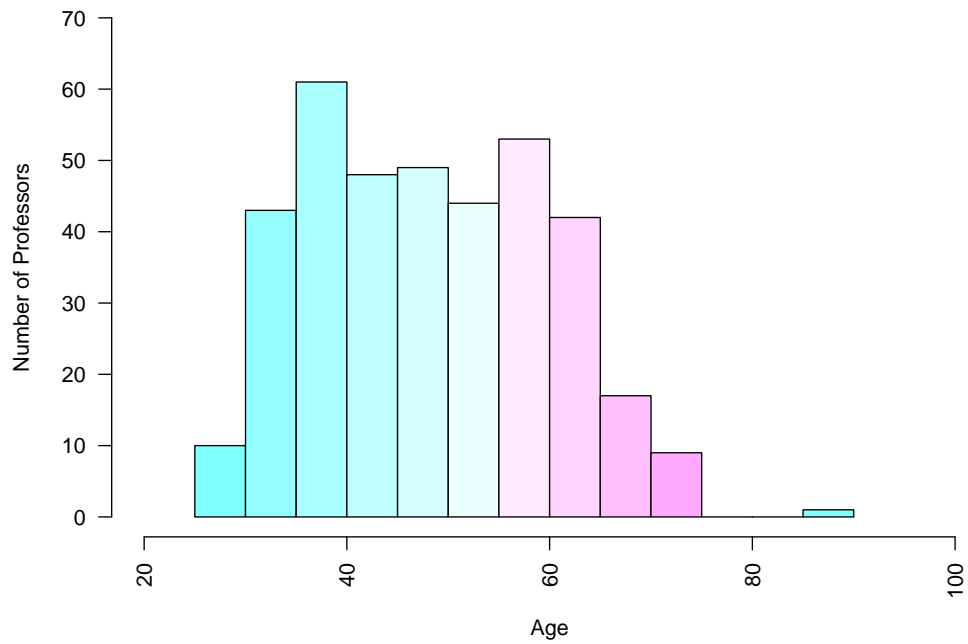
Faculty Age of Williams Professors 2009–2010



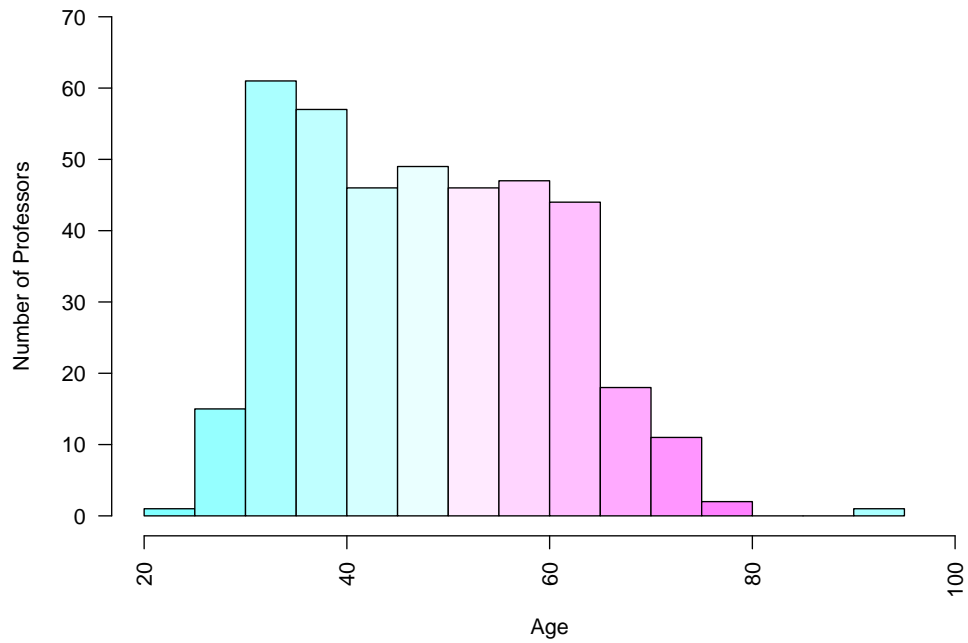
Faculty Age of Williams Professors 2010–2011



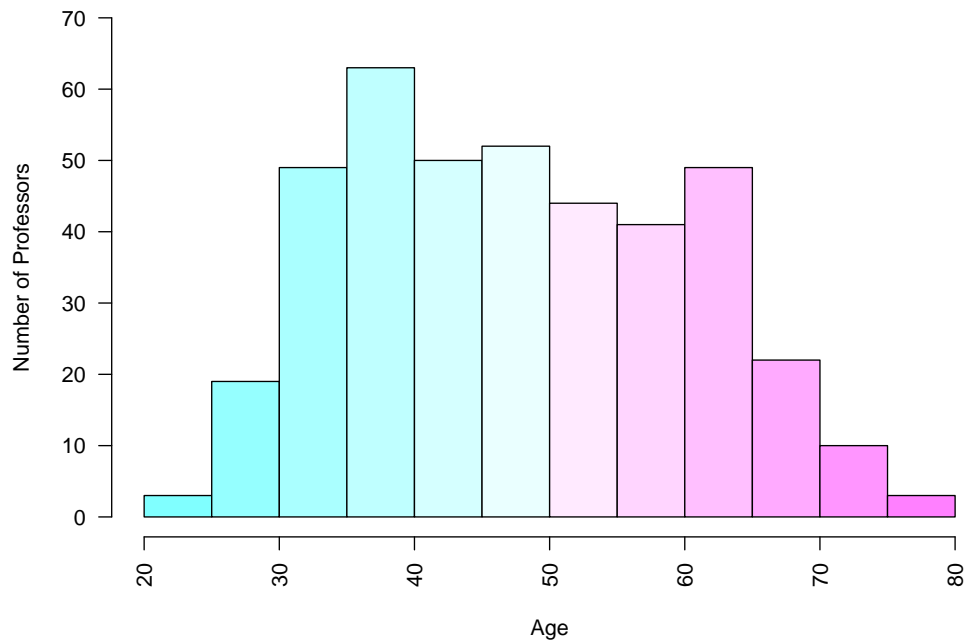
Faculty Age of Williams Professors 2011–2012



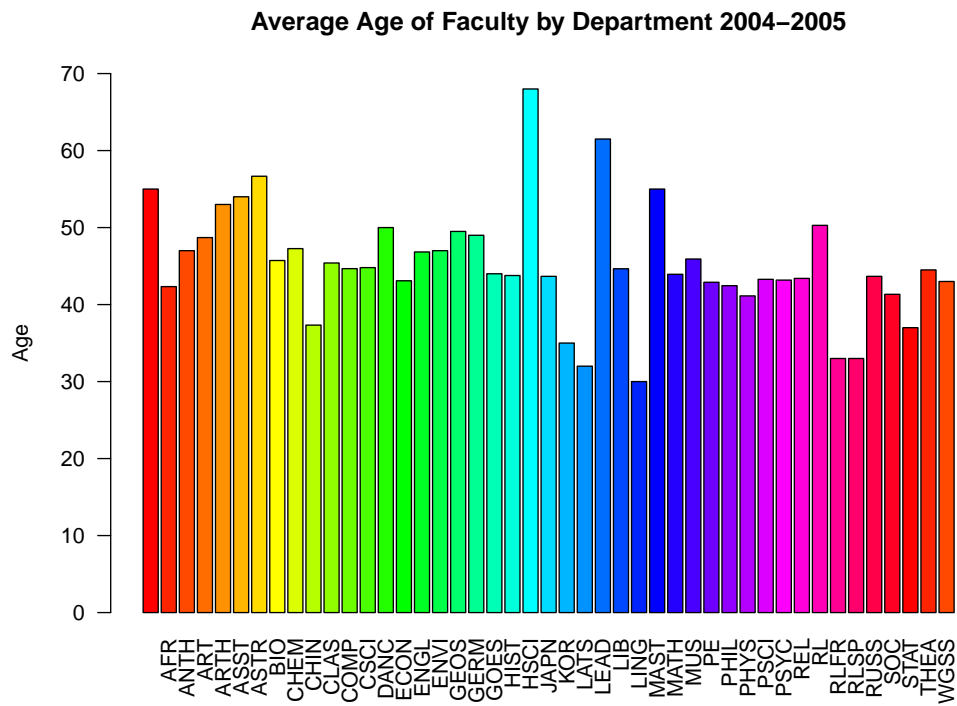
Faculty Age of Williams Professors 2012–2013



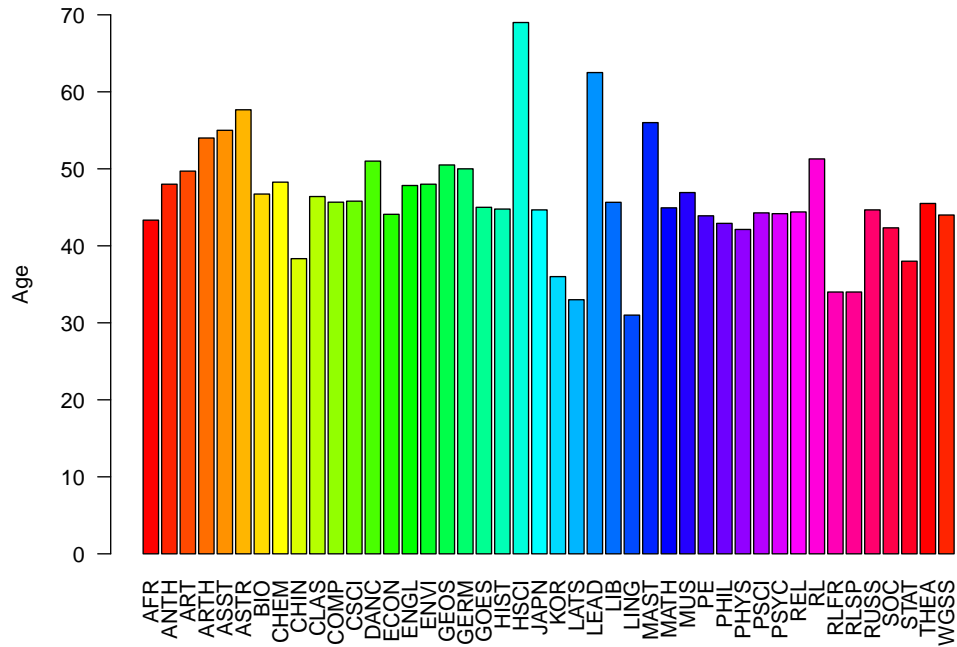
Faculty Age of Williams Professors 2013–2014



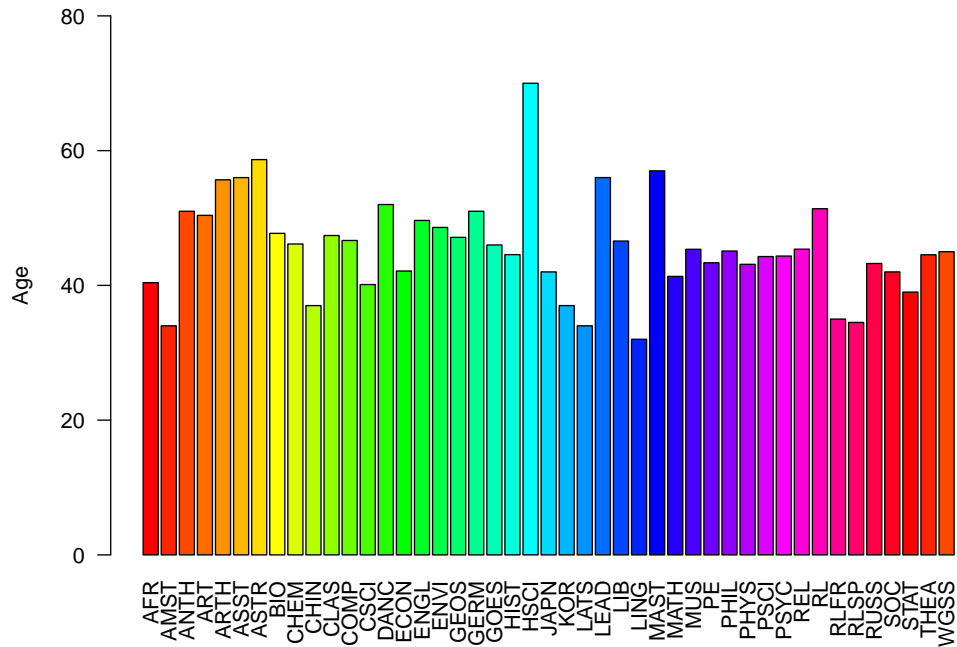
Average Ages by Department??



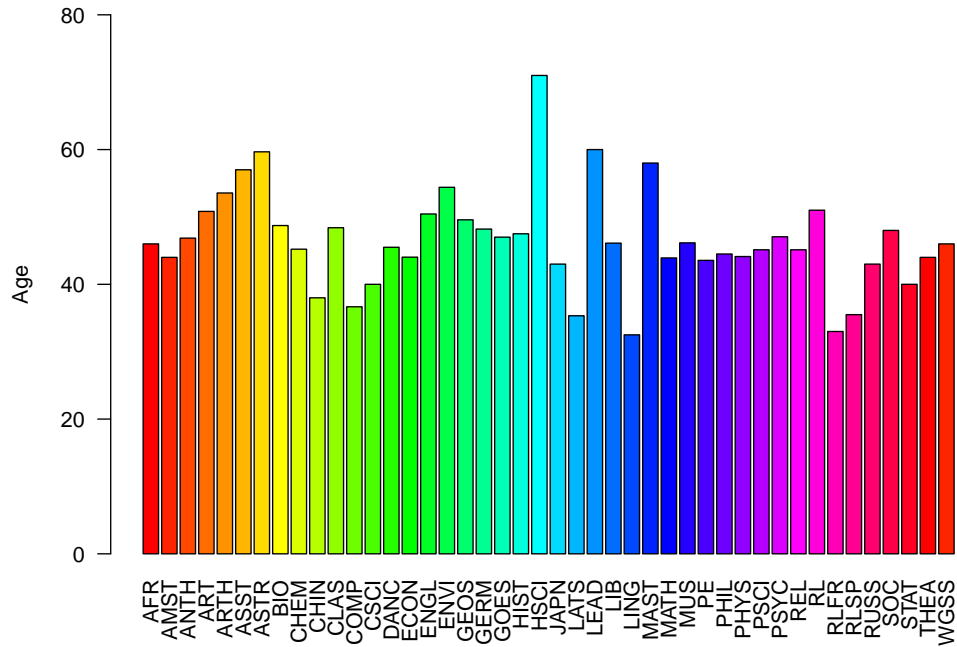
Average Age of Faculty by Department 2005–2006



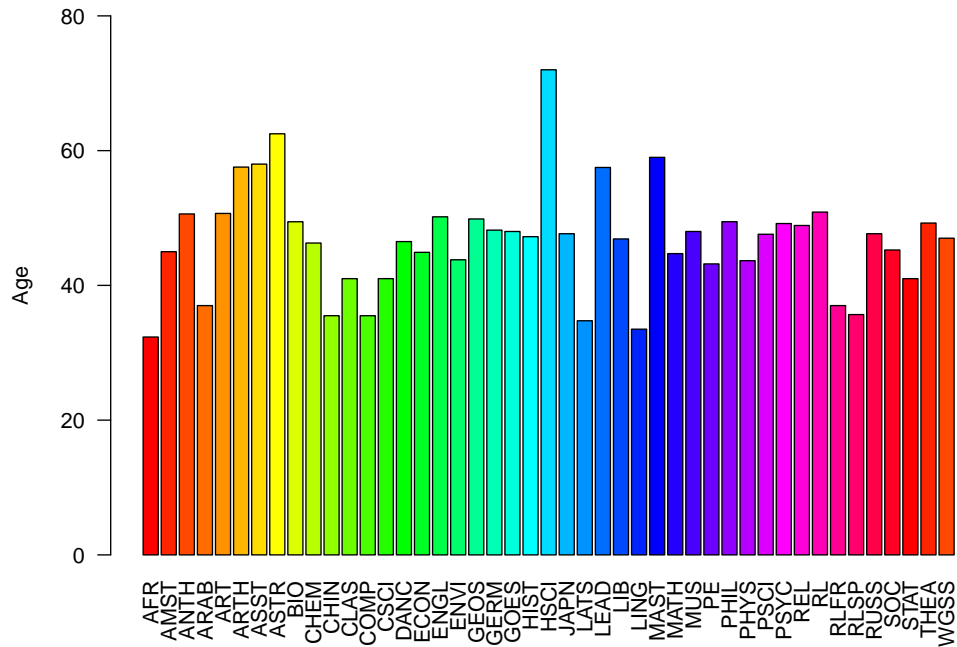
Average Age of Faculty by Department 2006–2007



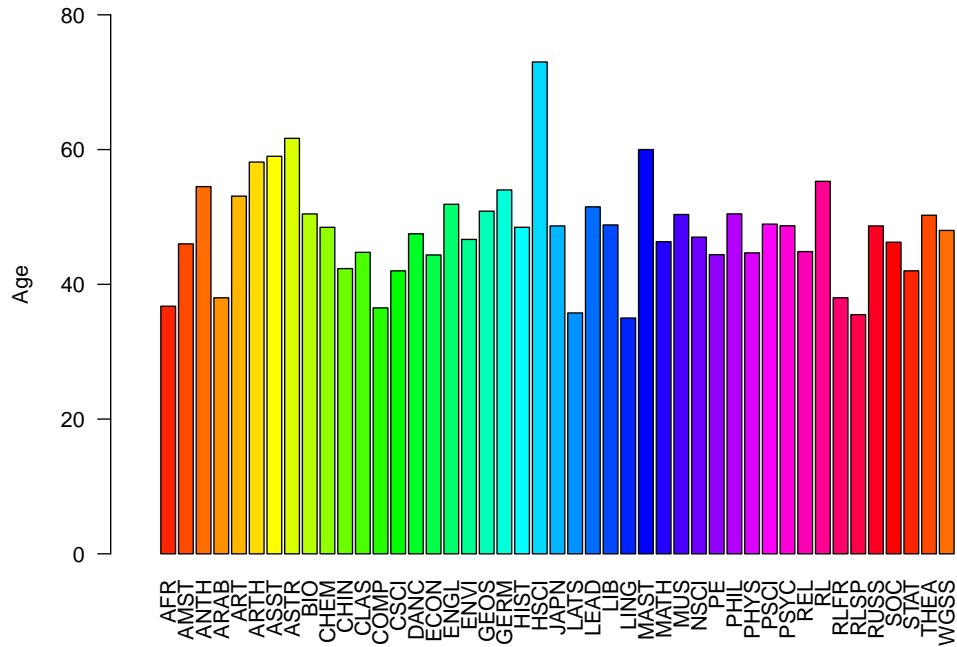
Average Age of Faculty by Department 2007–2008



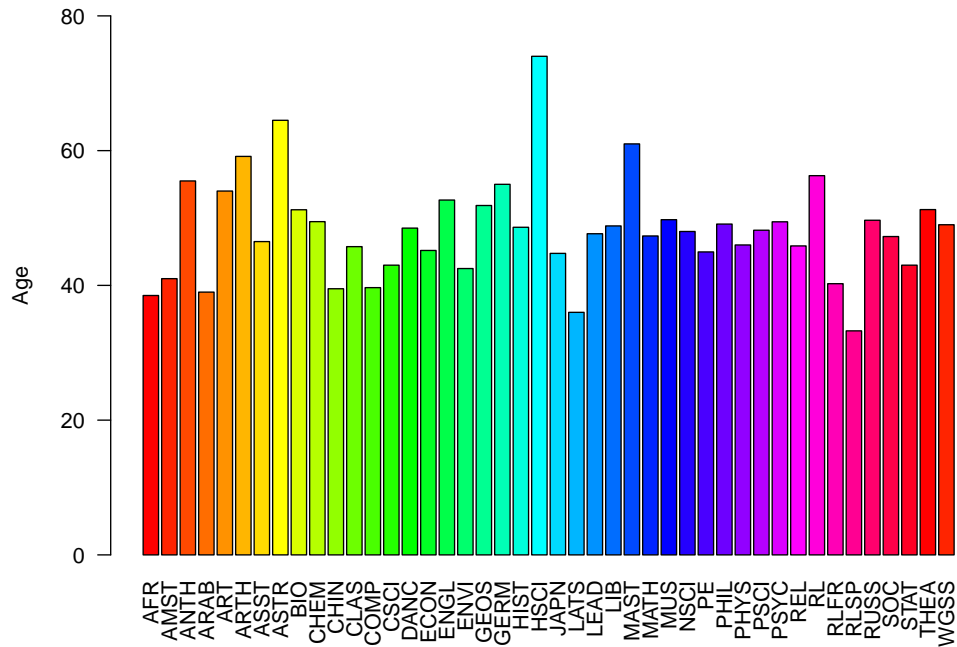
Average Age of Faculty by Department 2008–2009



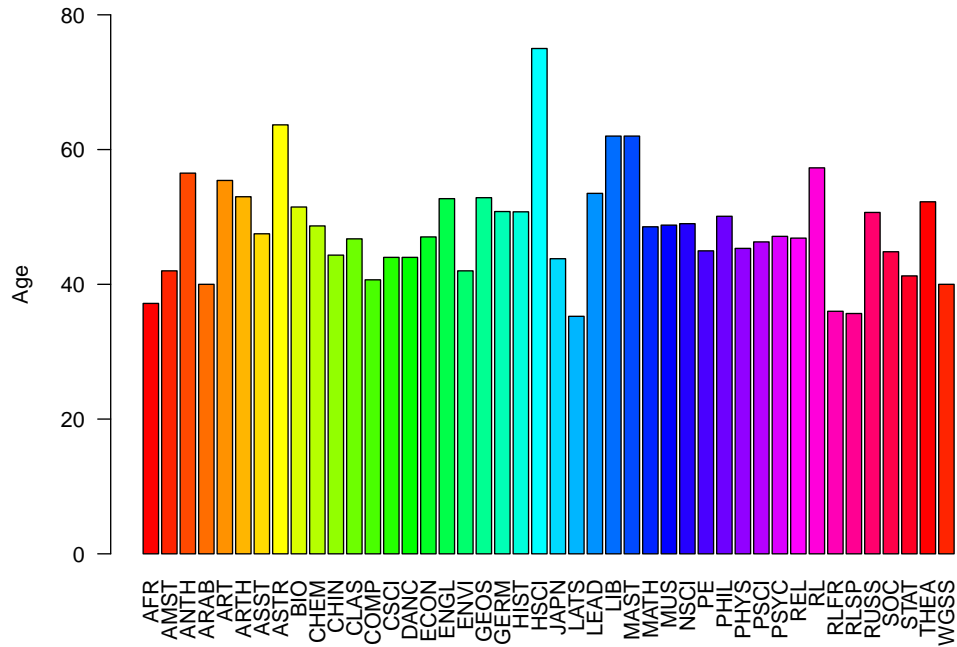
Average Age of Faculty by Department 2009–2010



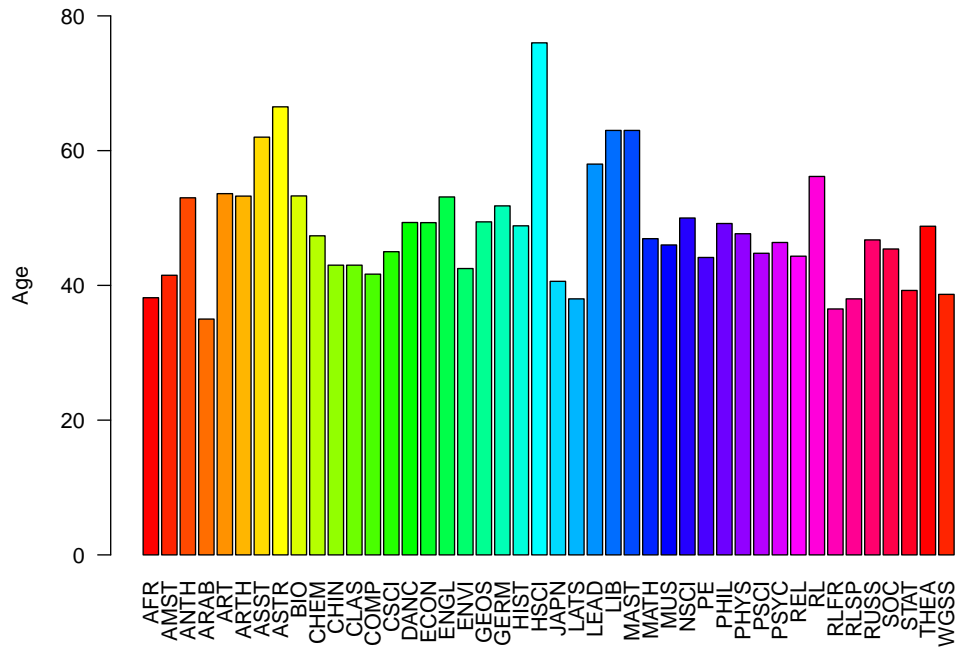
Average Age of Faculty by Department 2010–2011

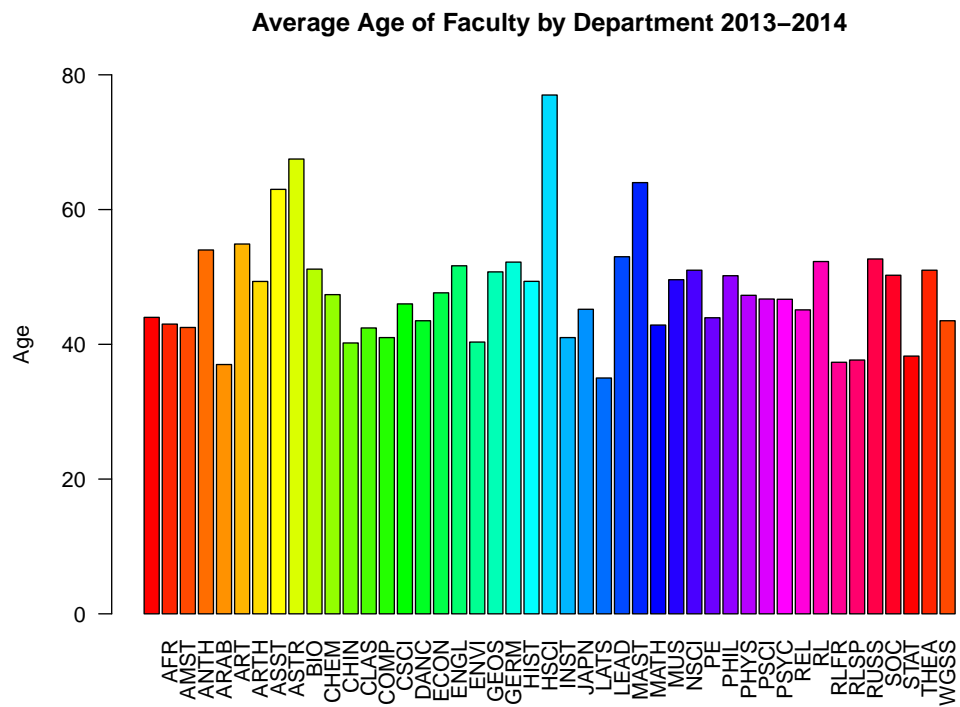


Average Age of Faculty by Department 2011–2012

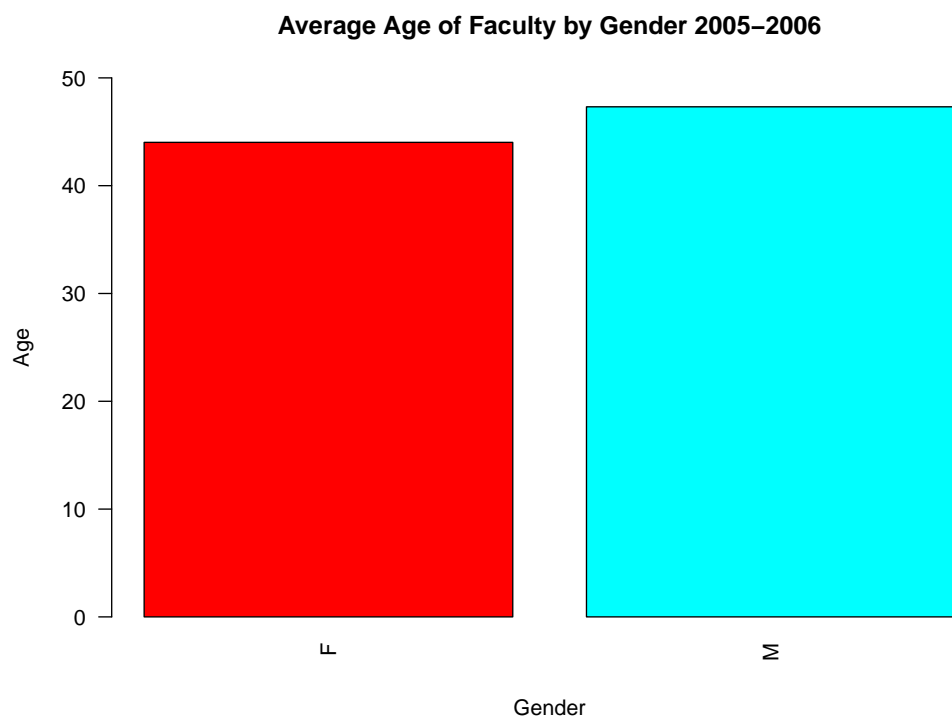
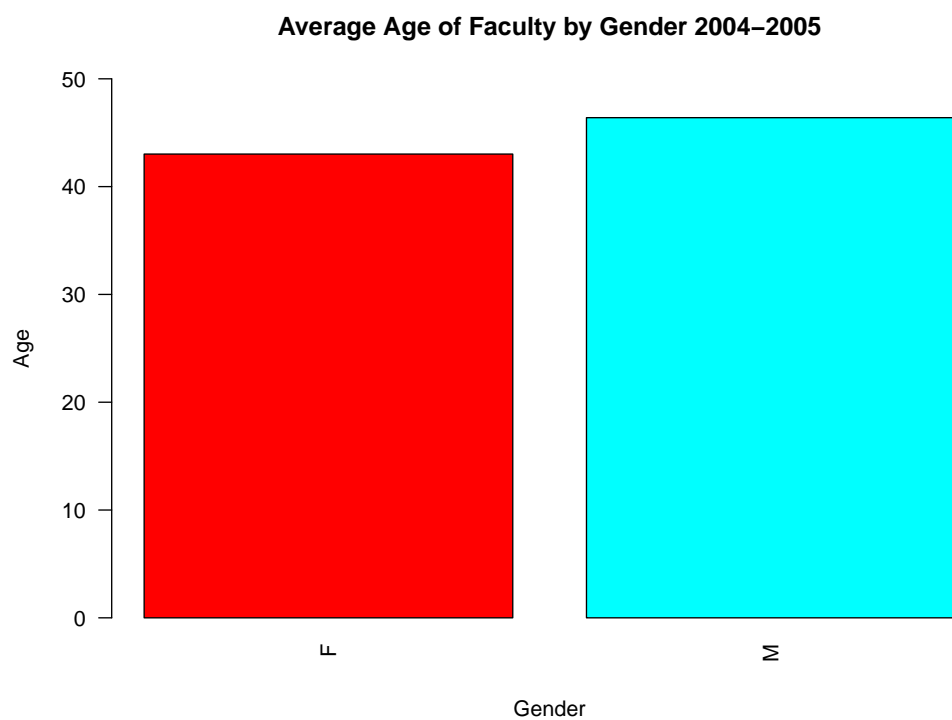


Average Age of Faculty by Department 2012–2013

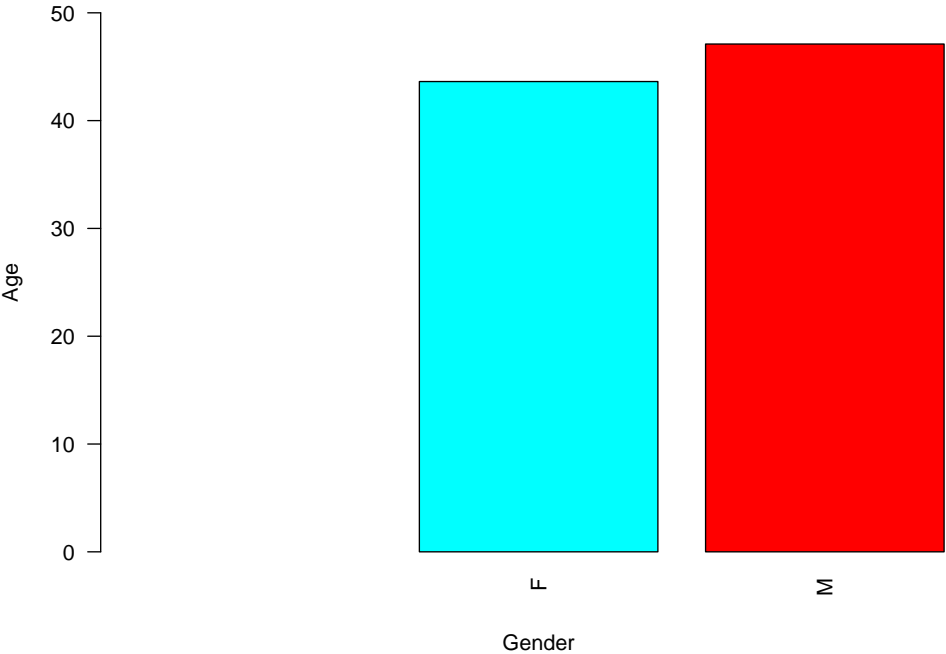




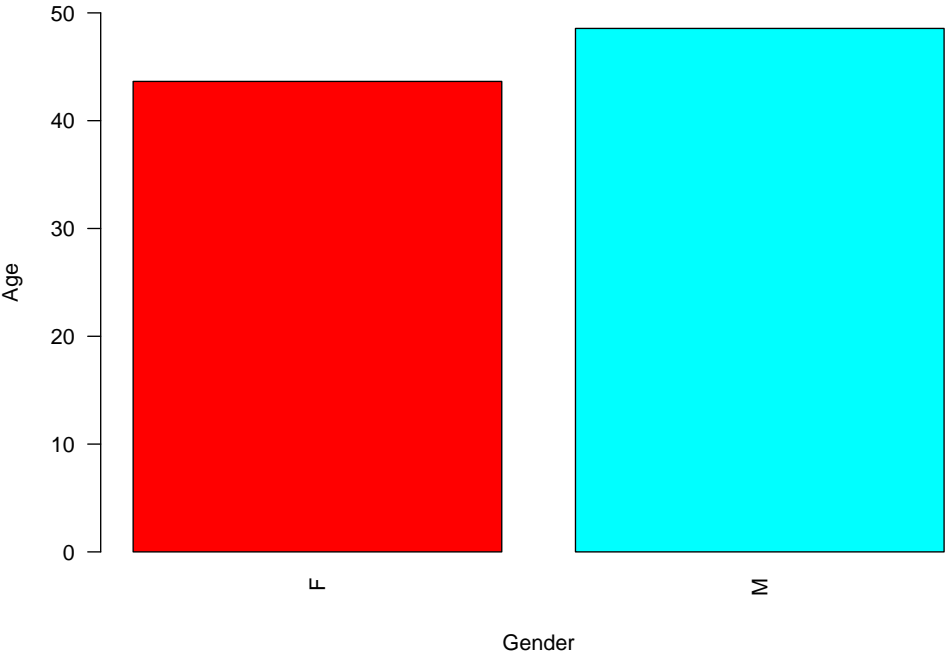
How do the ages differ by gender?

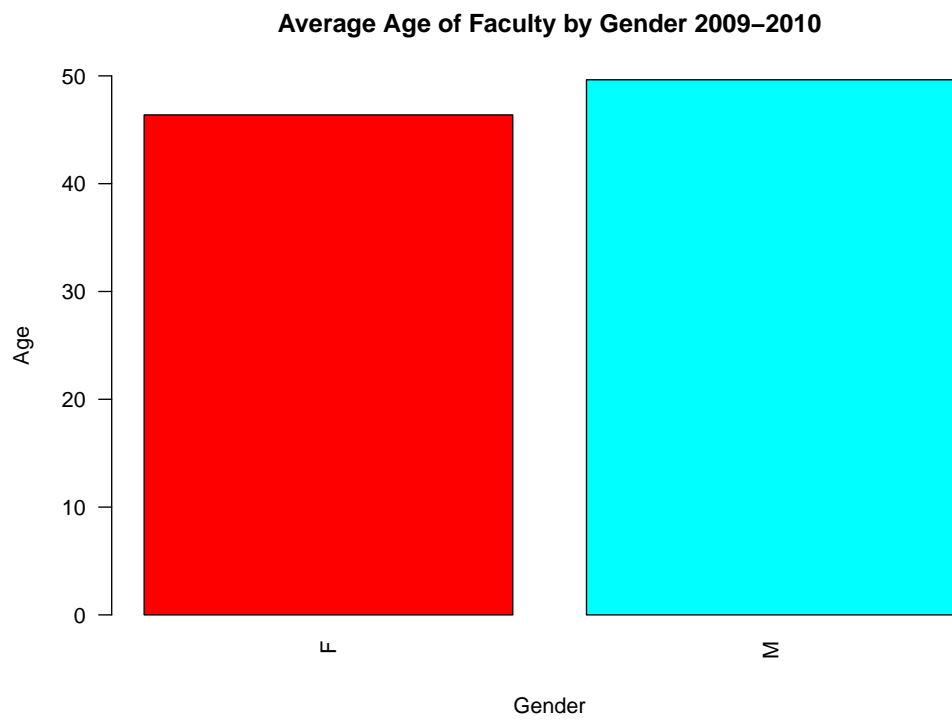
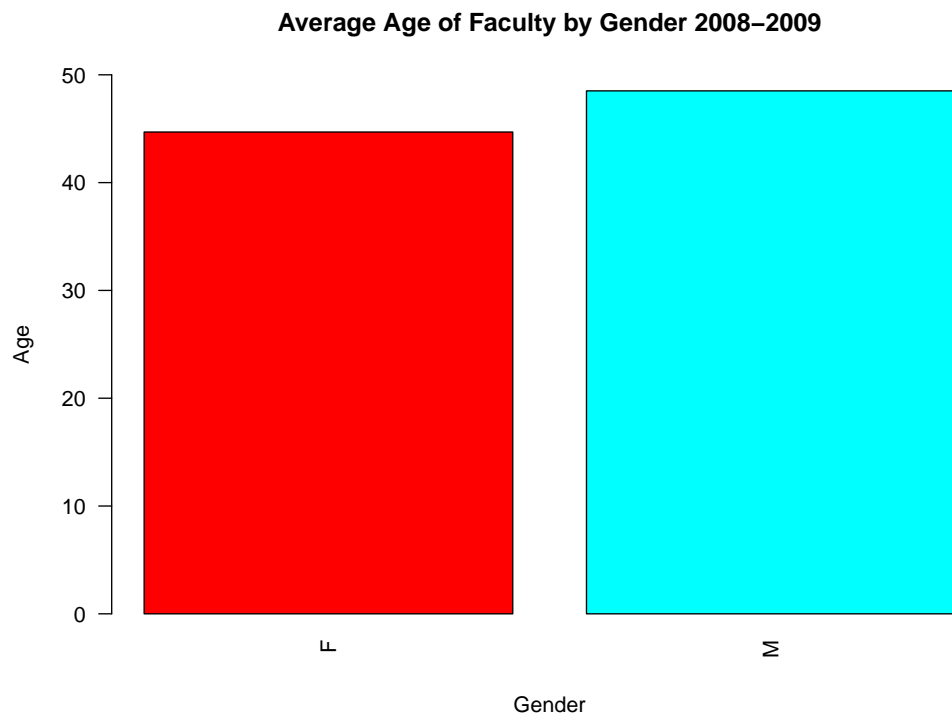


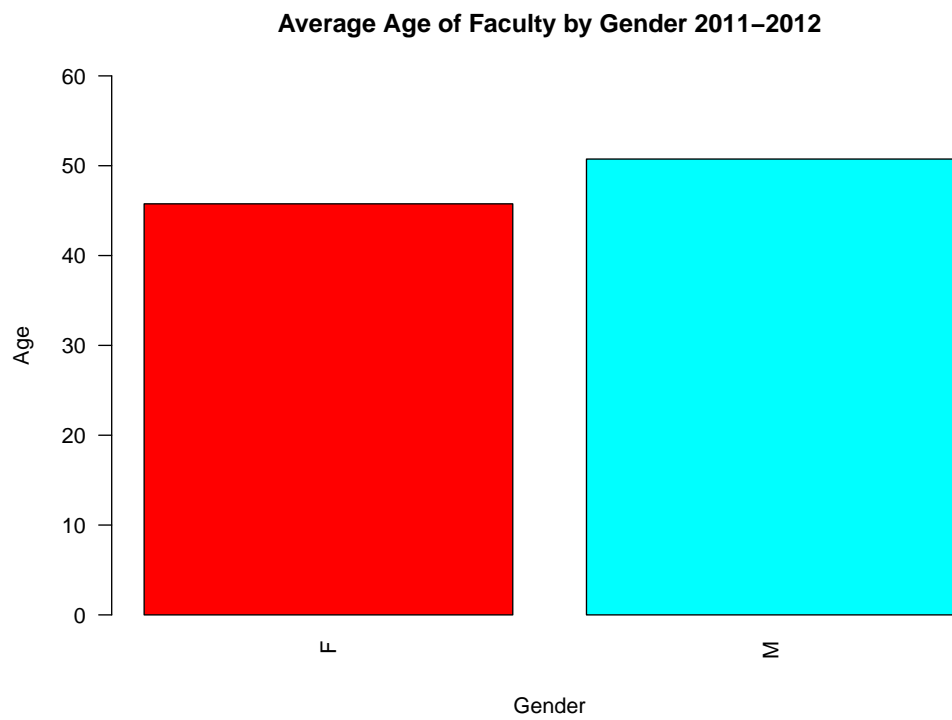
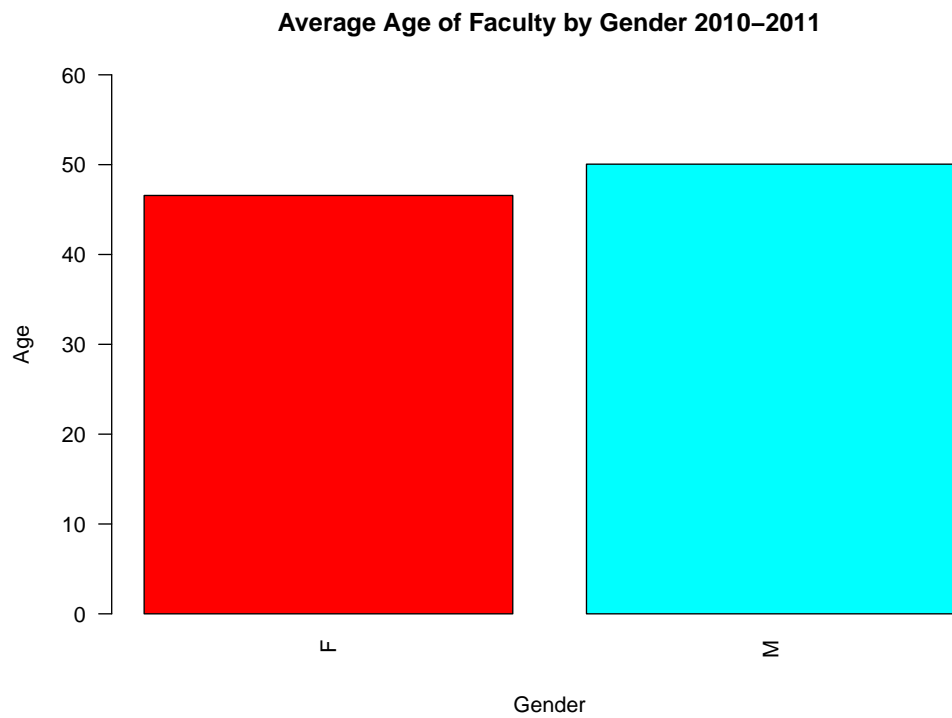
Average Age of Faculty by Gender 2006–2007



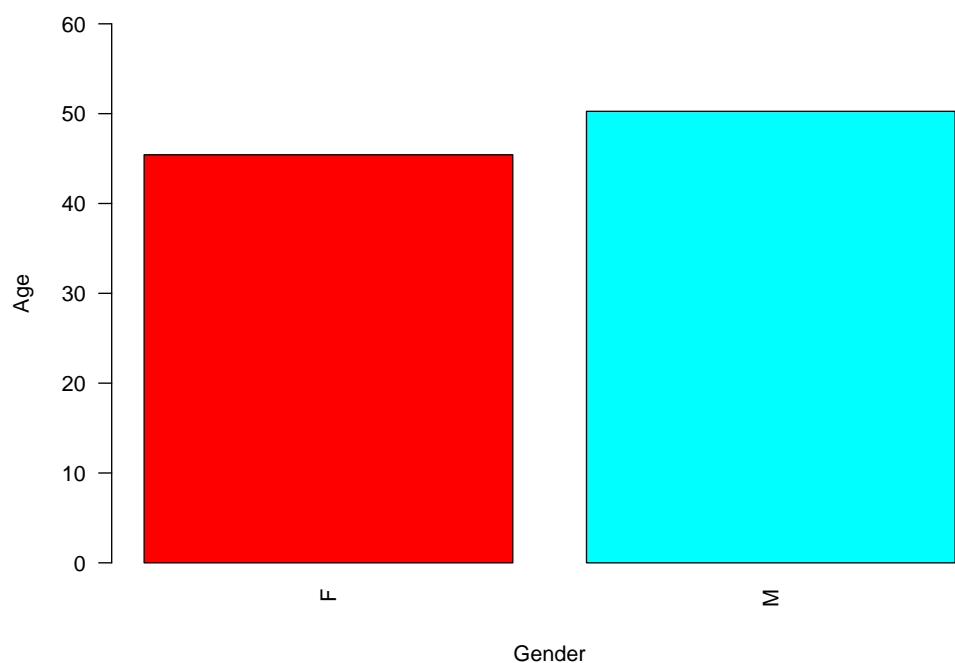
Average Age of Faculty by Gender 2007–2008



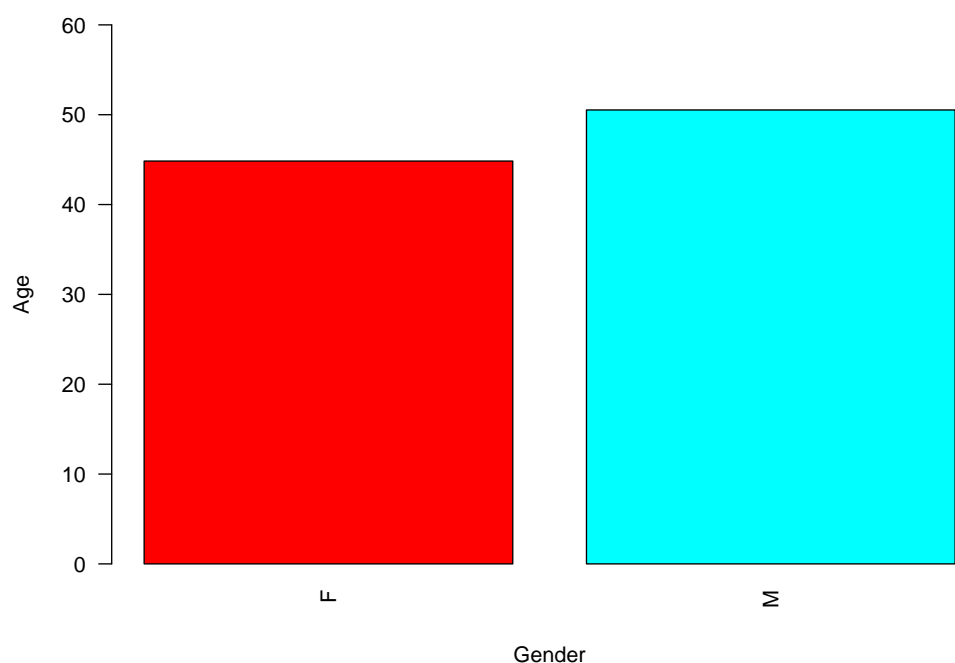




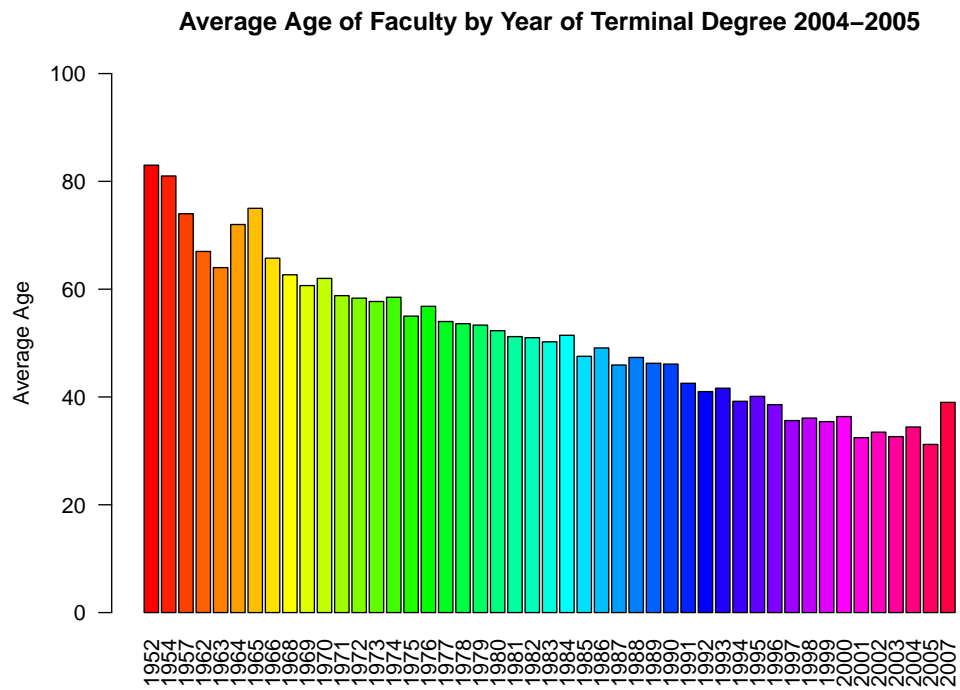
Average Age of Faculty by Gender 2012–2013



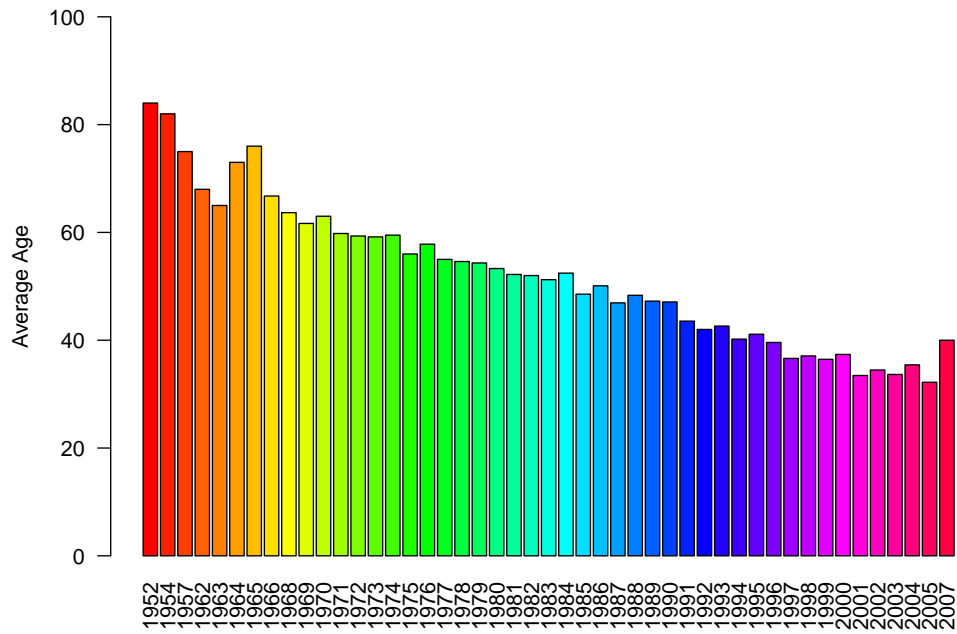
Average Age of Faculty by Gender 2013–2014



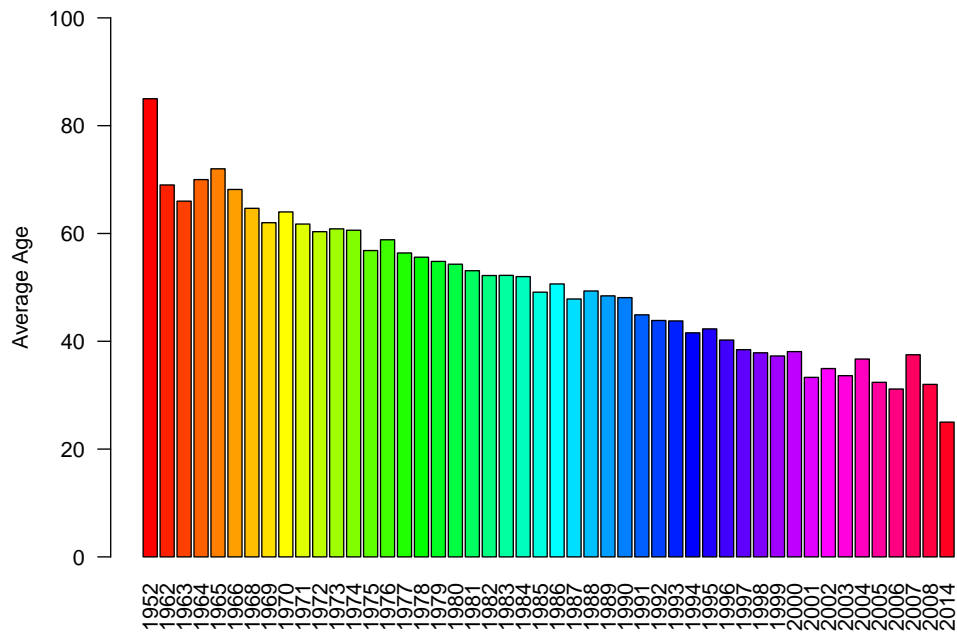
How High is the Correlation between Age and Year of Terminal Degree.



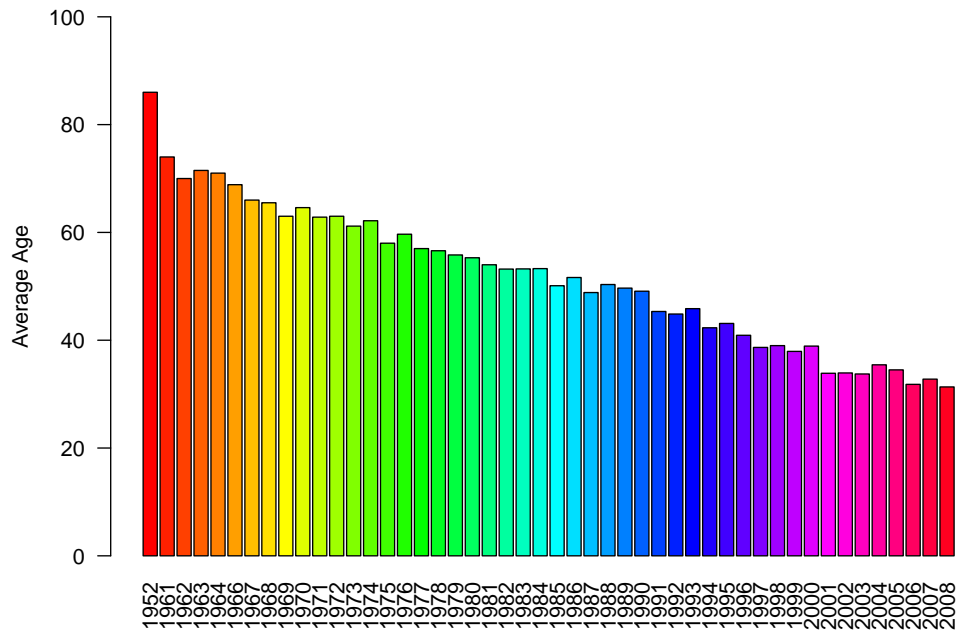
Average Age of Faculty by Year of Terminal Degree 2005–2006



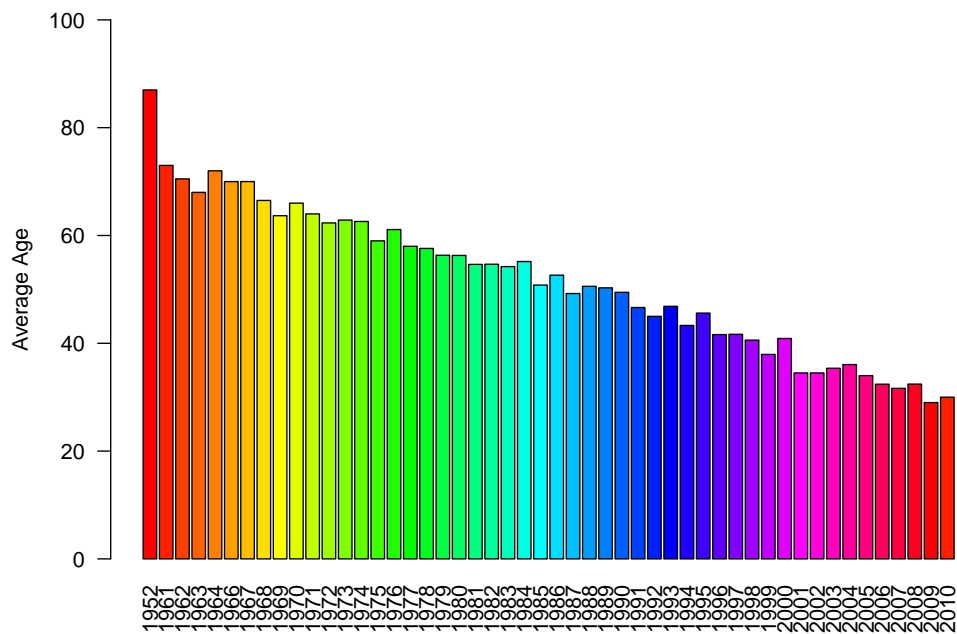
Average Age of Faculty by Year of Terminal Degree 2006–2007



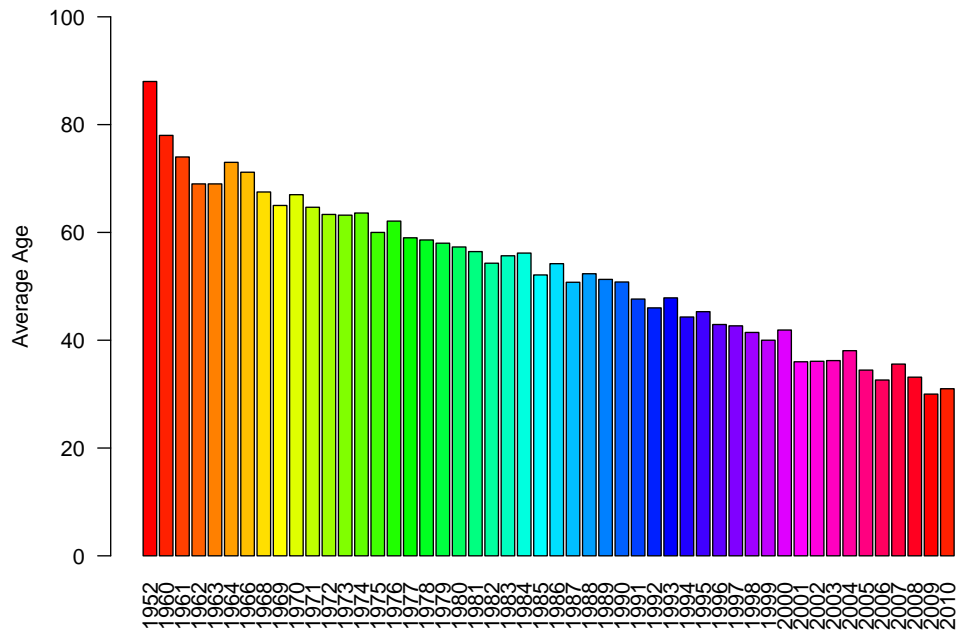
Average Age of Faculty by Year of Terminal Degree 2007–2008



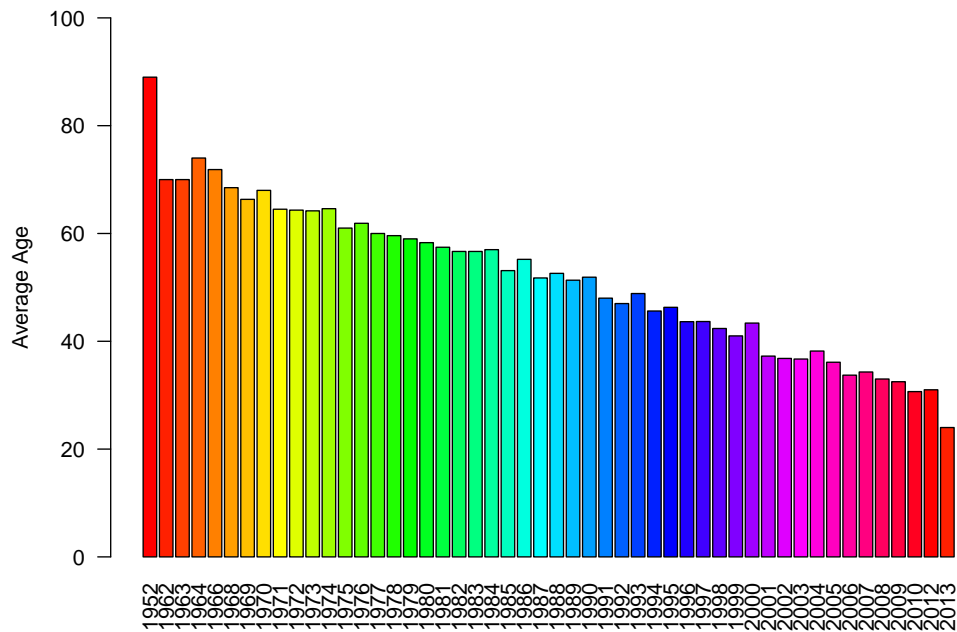
Average Age of Faculty by Year of Terminal Degree 2008–2009



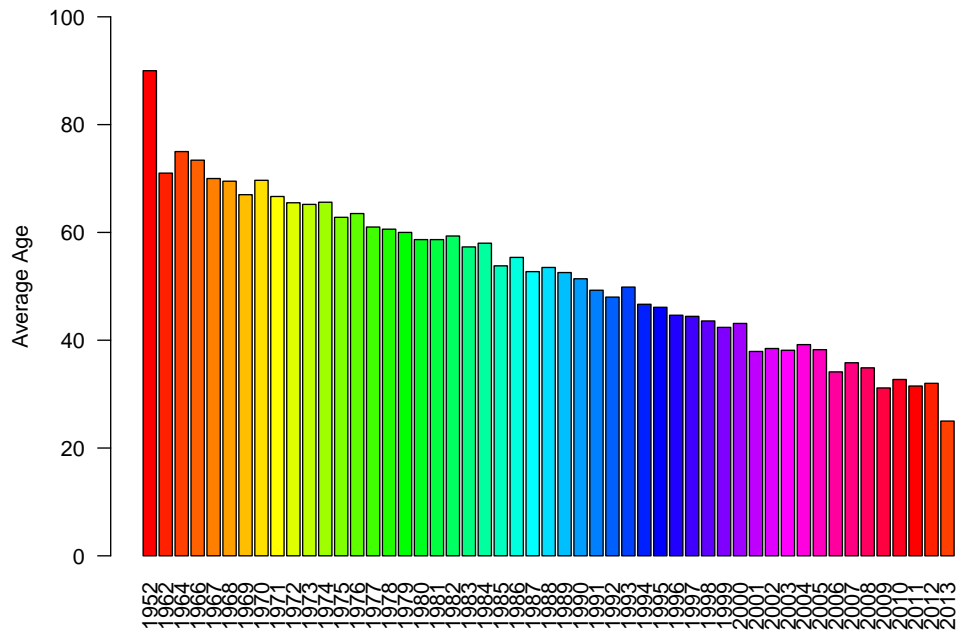
Average Age of Faculty by Year of Terminal Degree 2009–2010



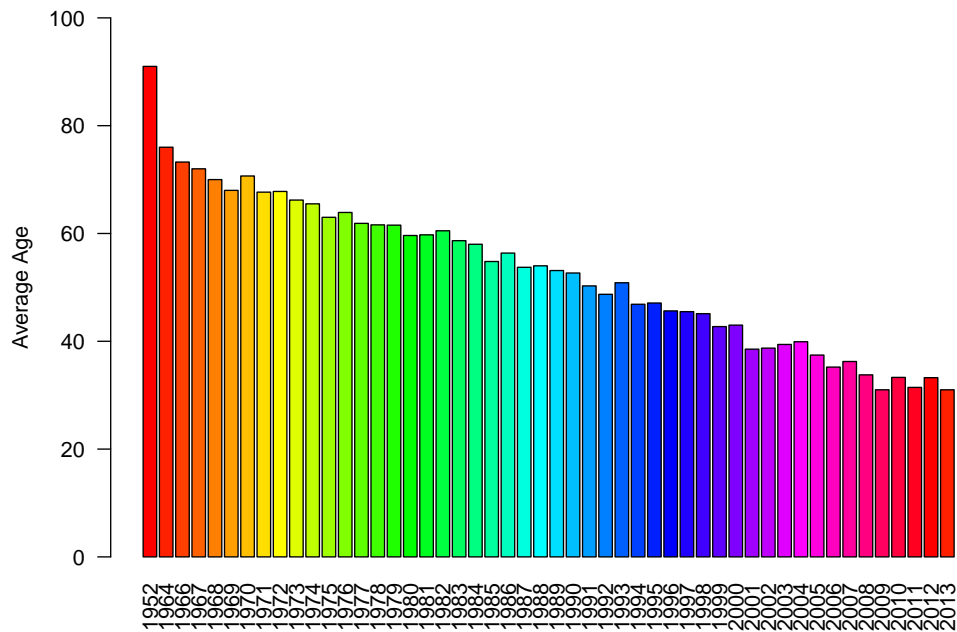
Average Age of Faculty by Year of Terminal Degree 2010–2011

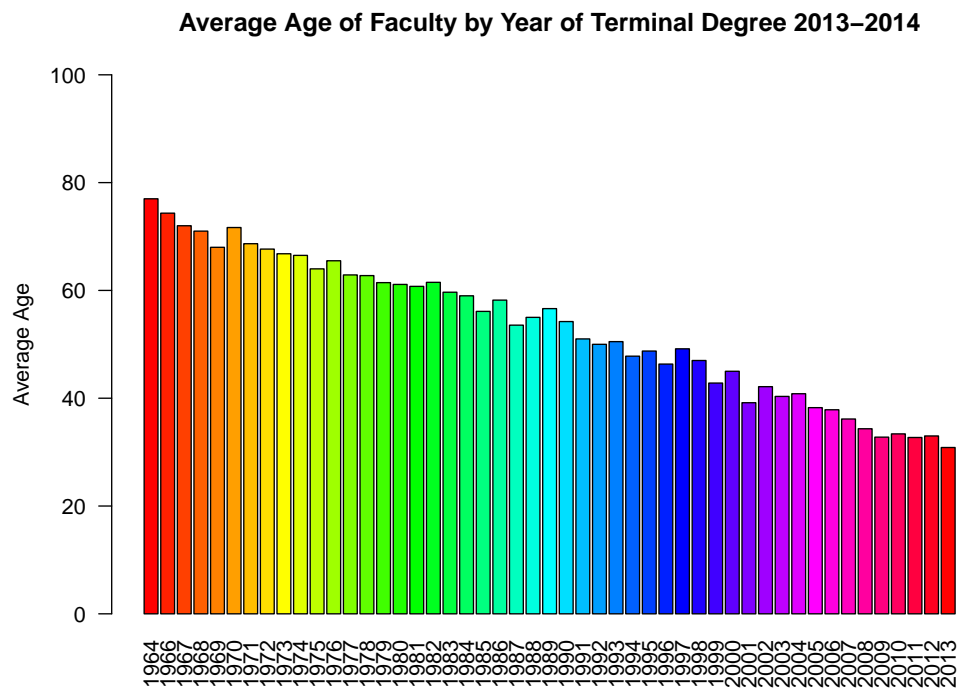


Average Age of Faculty by Year of Terminal Degree 2011–2012



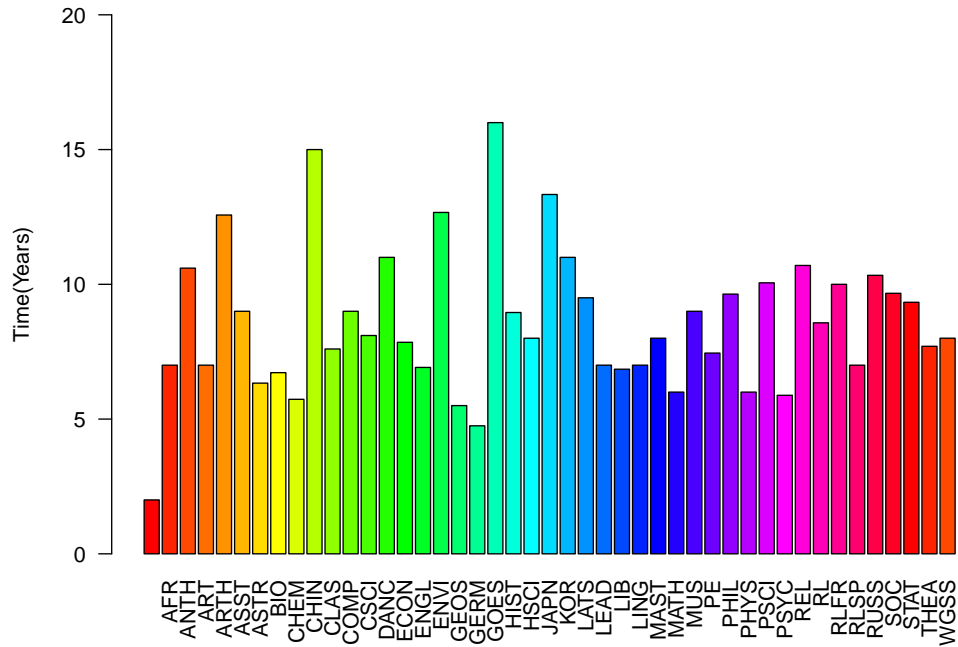
Average Age of Faculty by Year of Terminal Degree 2012–2013



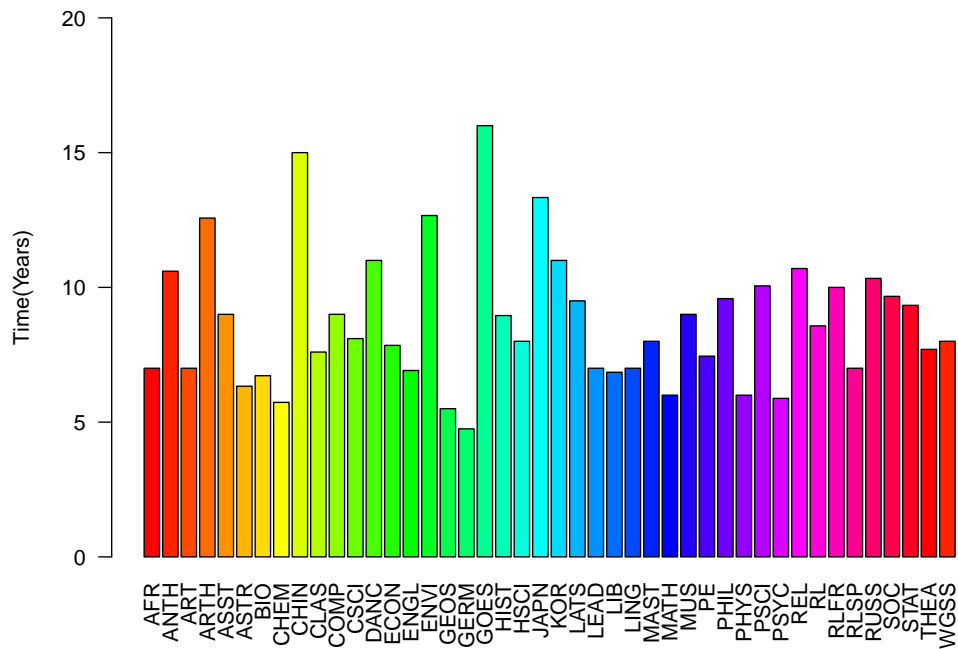


Do certain departments require more time to earn a PhD in than others?

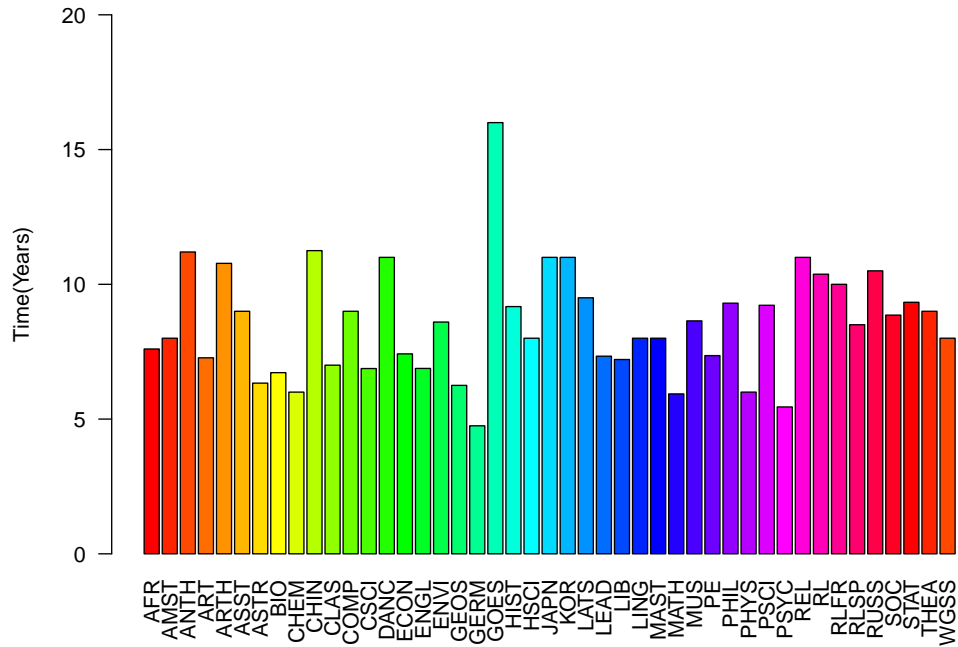
Average Time Between Bachelors and Terminal Degree by Department 2004–2005



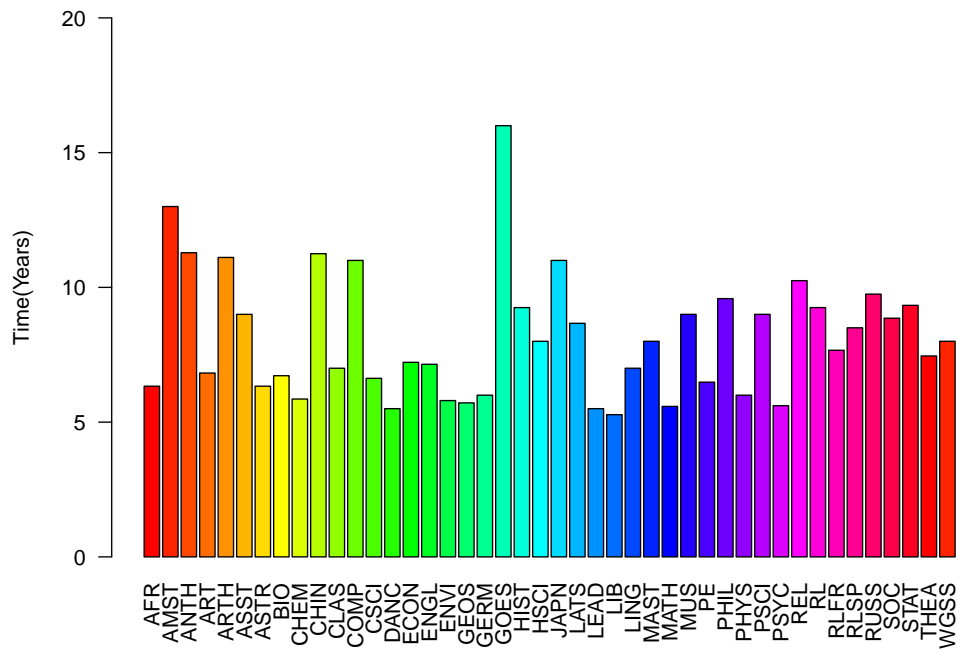
Average Time Between Bachelors and Terminal Degree by Department 2005–2006



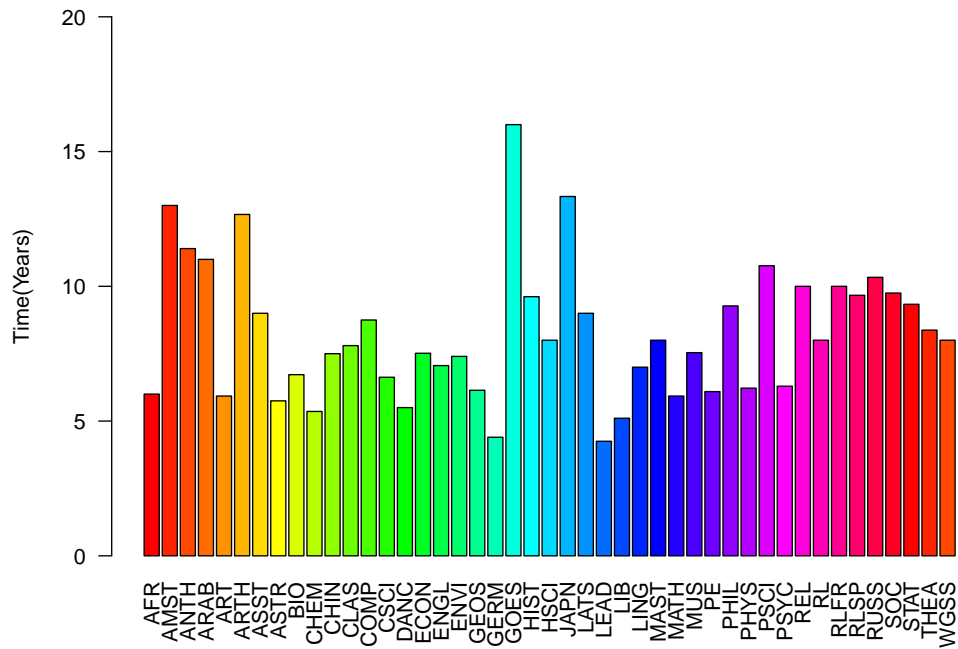
Average Time Between Bachelors and Terminal Degree by Department 2006–2007



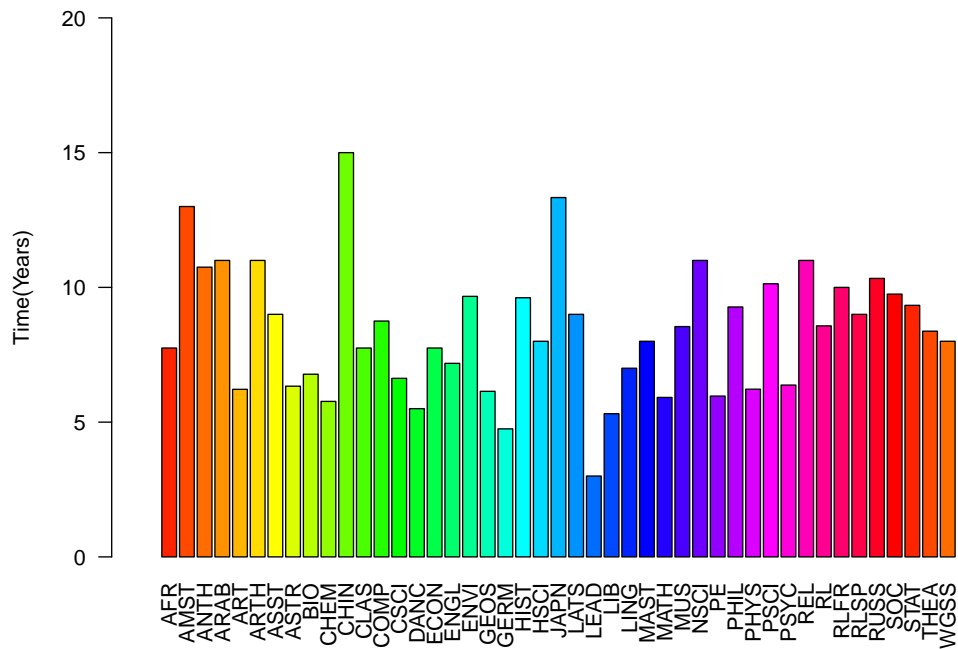
Average Time Between Bachelors and Terminal Degree by Department 2007–2008



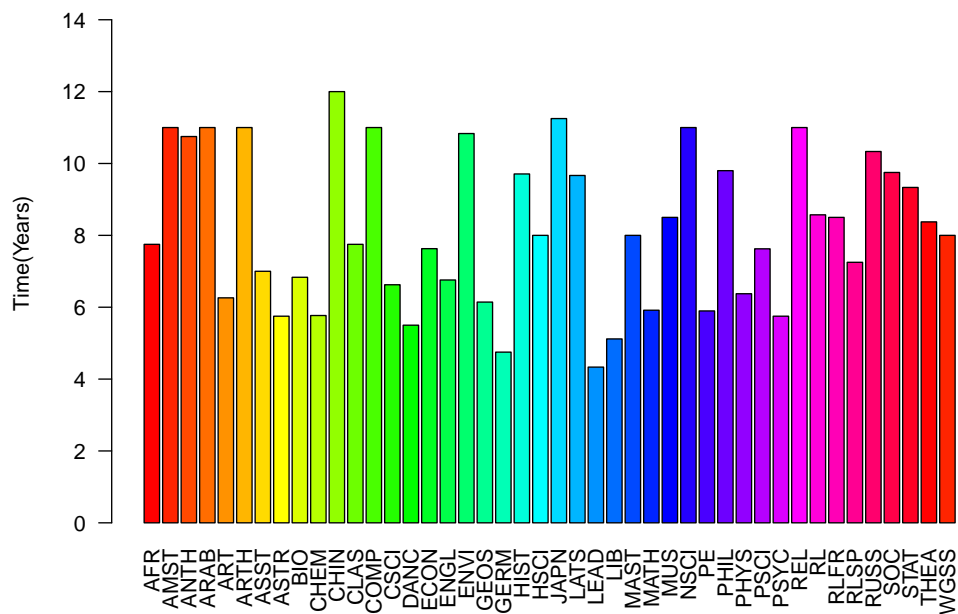
Average Time Between Bachelors and Terminal Degree by Department 2008–2009



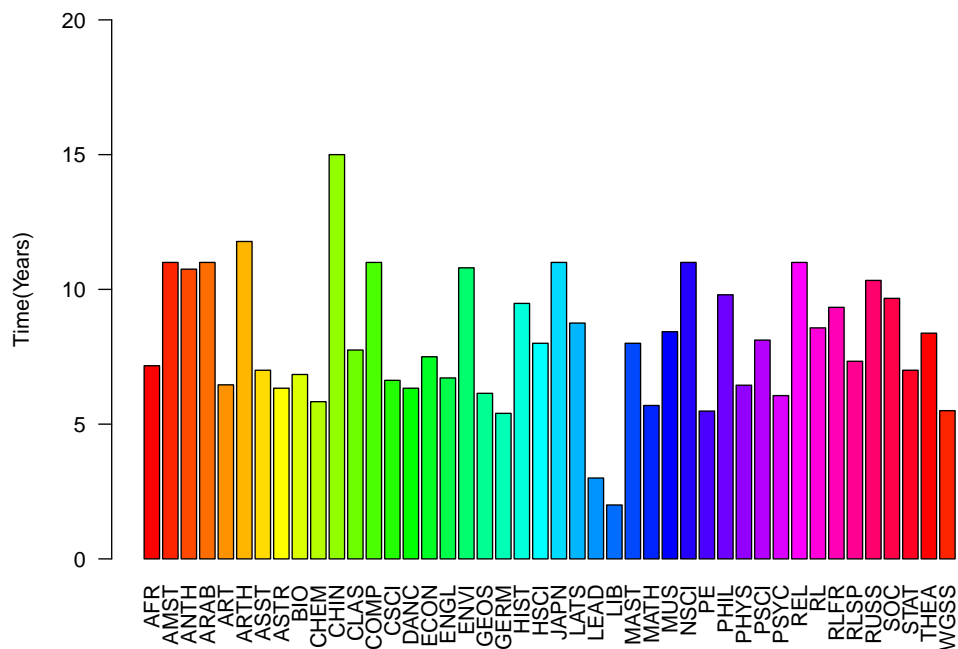
Average Time Between Bachelors and Terminal Degree by Department 2009–2010



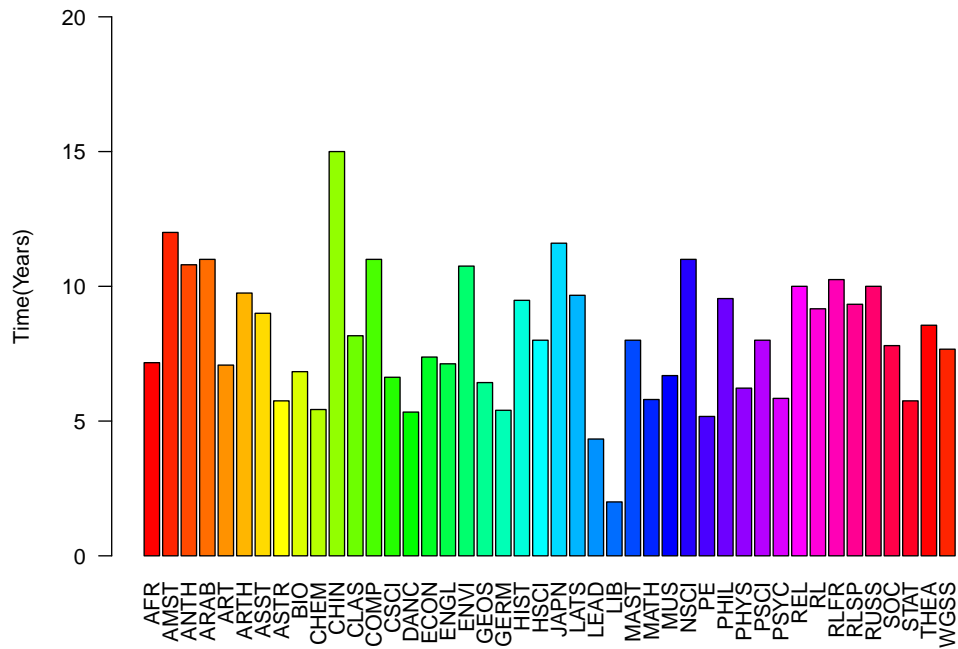
Average Time Between Bachelors and Terminal Degree by Department 2010–2011



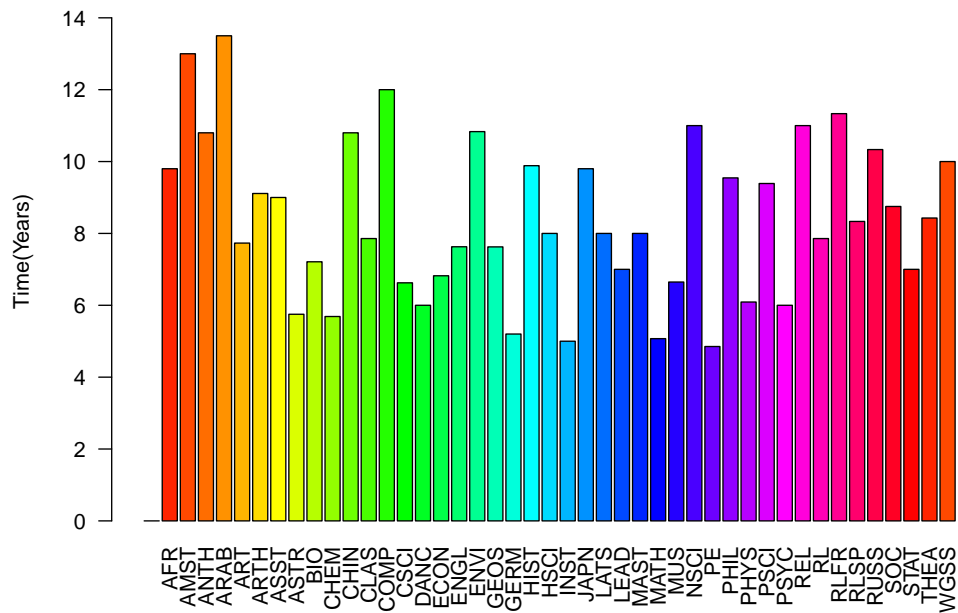
Average Time Between Bachelors and Terminal Degree by Department 2011–2012



Average Time Between Bachelors and Terminal Degree by Department 2012–2013

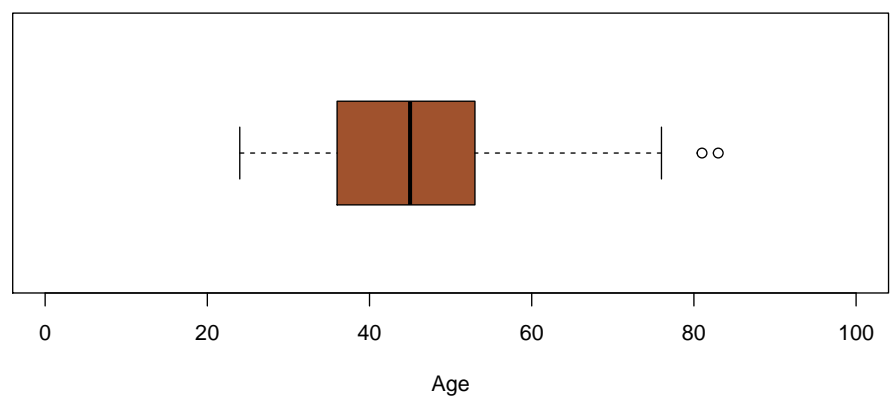


Average Time Between Bachelors and Terminal Degree by Department 2013–2014



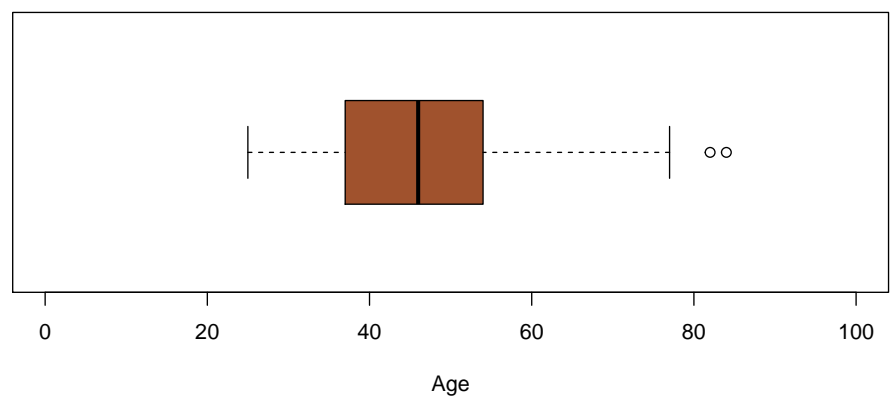
Has the actual, non bin Distribution of Ages changed significantly over the last 10 years with summary stats:

Williams Faculty Age Distribution 2004–2005



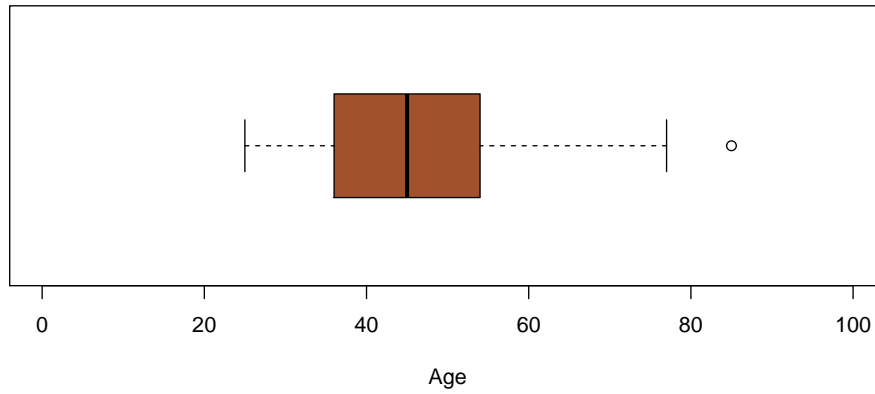
##	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
##	24.00	36.00	45.00	45.07	53.00	83.00

Williams Faculty Age Distribution 2005–2006



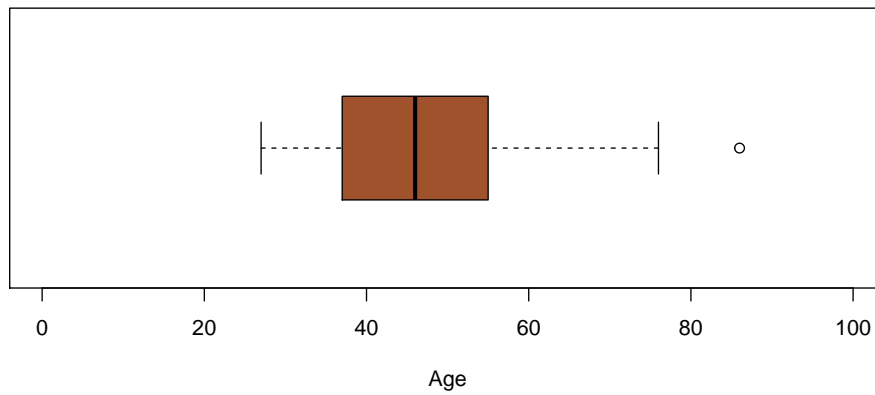
##	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
##	25.00	37.00	46.00	46.03	54.00	84.00

Williams Faculty Age Distribution 2006–2007



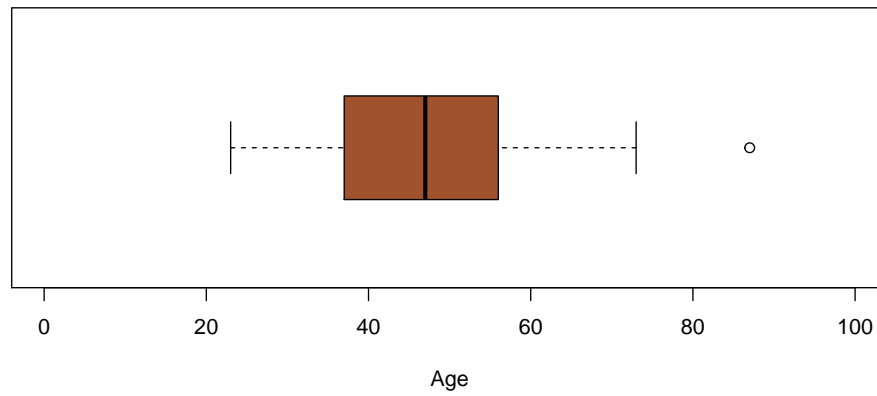
##	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
##	25.00	36.00	45.00	45.75	54.00	85.00

Williams Faculty Age Distribution 2007–2008



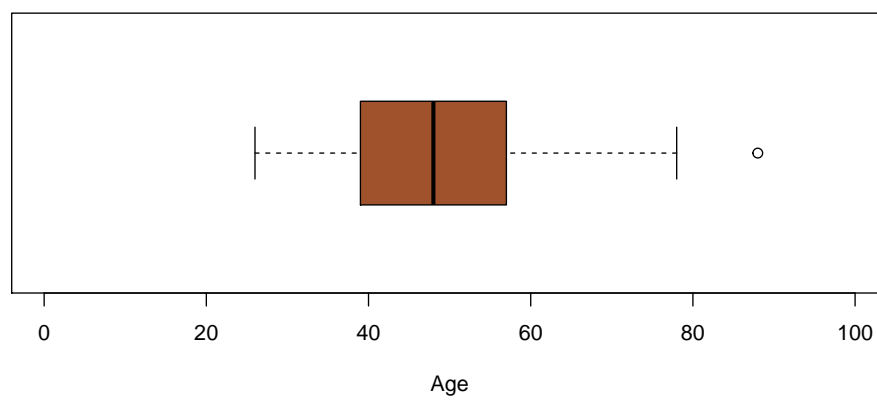
##	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
##	27.00	37.00	46.00	46.53	55.00	86.00

Williams Faculty Age Distribution 2008–2009



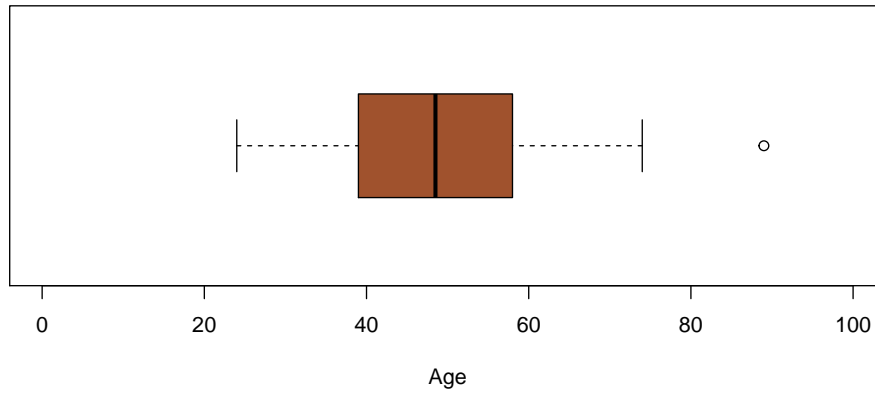
##	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
##	23.00	37.00	47.00	46.99	56.00	87.00

Williams Faculty Age Distribution 2009–2010



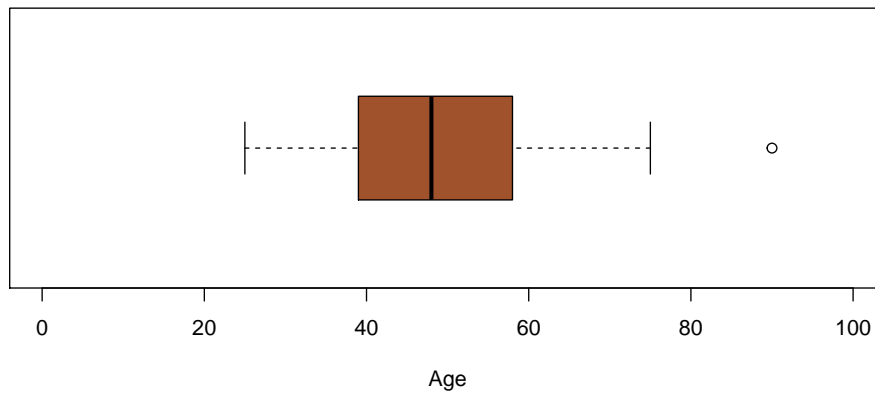
##	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
##	26.00	39.00	48.00	48.32	57.00	88.00

Williams Faculty Age Distribution 2010–2011



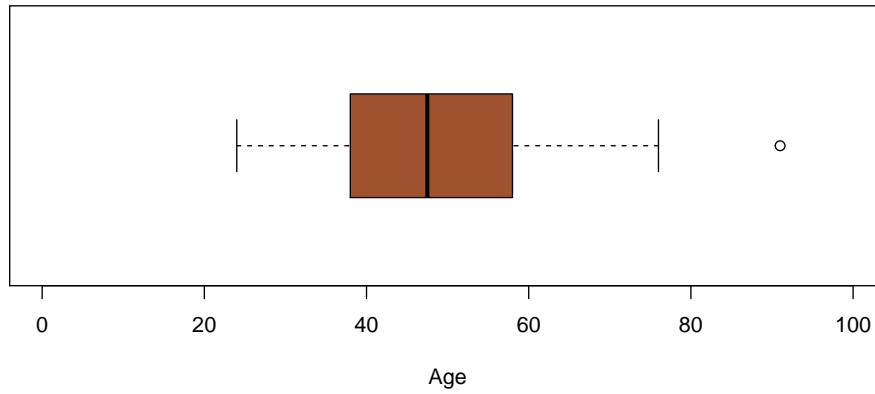
##	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
##	24.00	39.00	48.50	48.67	58.00	89.00

Williams Faculty Age Distribution 2011–2012



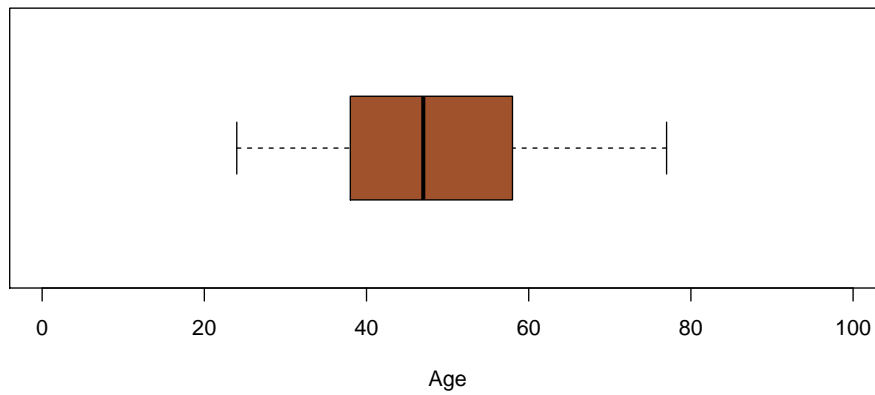
##	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
##	25.00	39.00	48.00	48.72	58.00	90.00

Williams Faculty Age Distribution 2012–2013



##	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
##	24.00	38.00	47.50	48.19	58.00	91.00

Williams Faculty Age Distribution 2013–2014



##	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
##	24.00	38.00	47.00	48.08	58.00	77.00