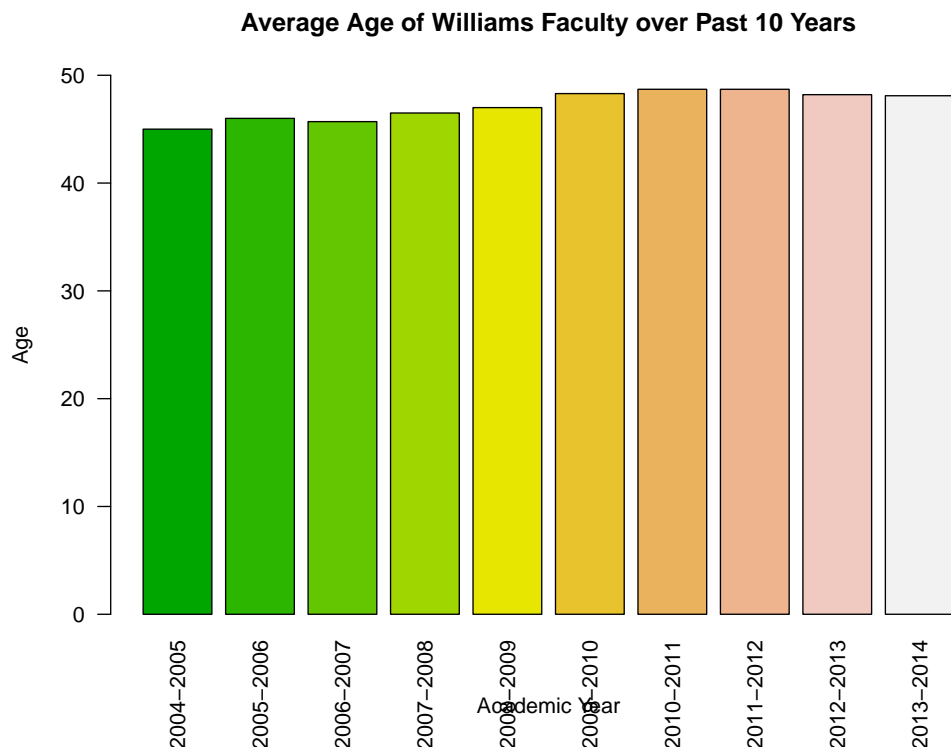


Estimating the Average Age of the Williams College Faculty

By Matt Morris '18

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

2004-2005 = 45
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

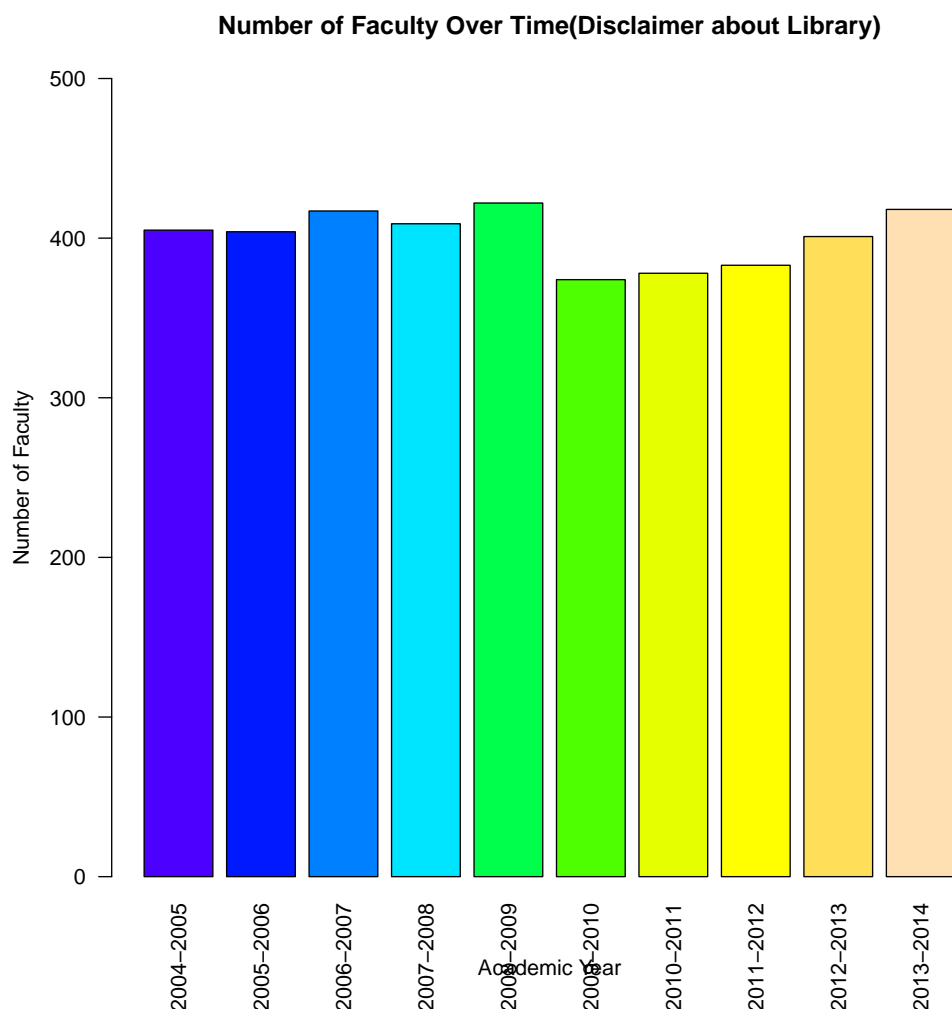
Youngest 2012-2013 = 24, Qing(Wendy) Wang, Assistant Professor of Statistics

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



Number of Faculty by Academic Year(LIB Disclaimer)

2004-2005 = 405

2005-2006 = 404

2006-2007 = 417

2007-2008 = 409

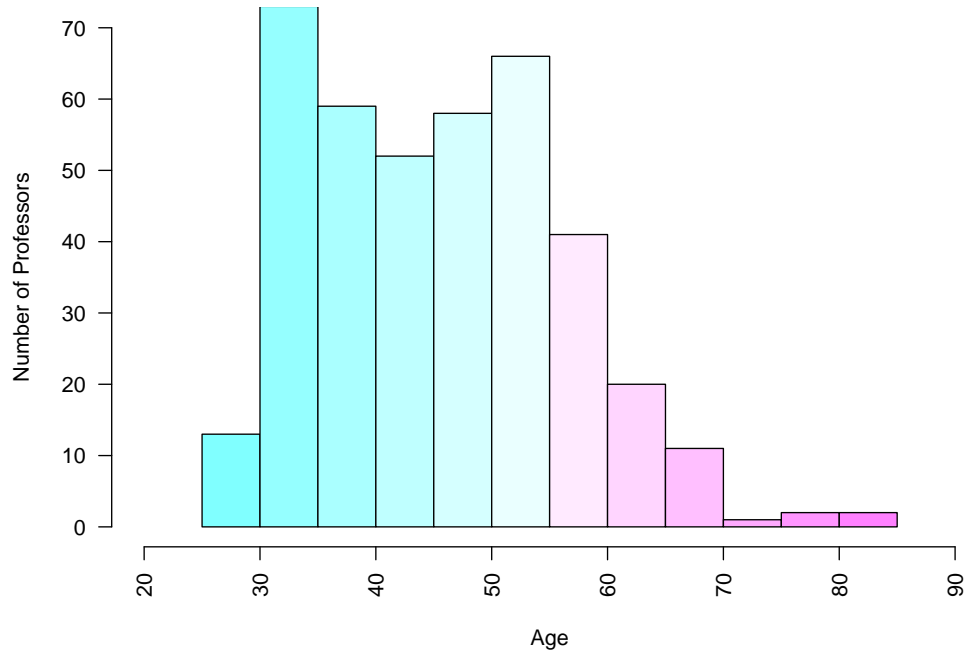
2008-2009 = 422

2009-2010 = 374
 2010-2011 = 378
 2011-2012 = 383
 2012-2013 = 401
 2013-2014 = 418

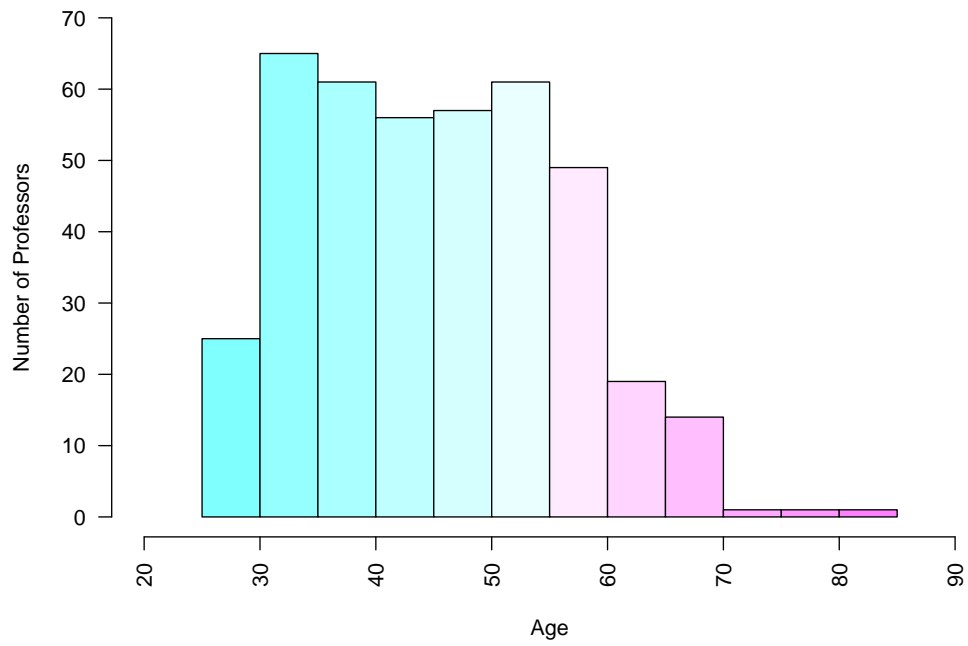
How has the age distribution of the professors changed over time?



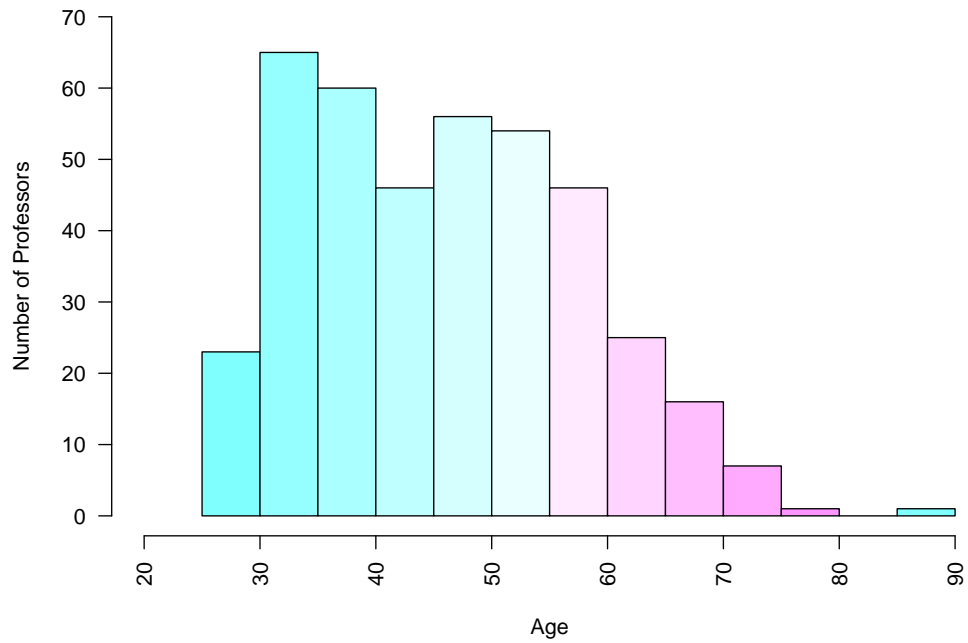
Faculty Age of Williams Professors 2005–2006



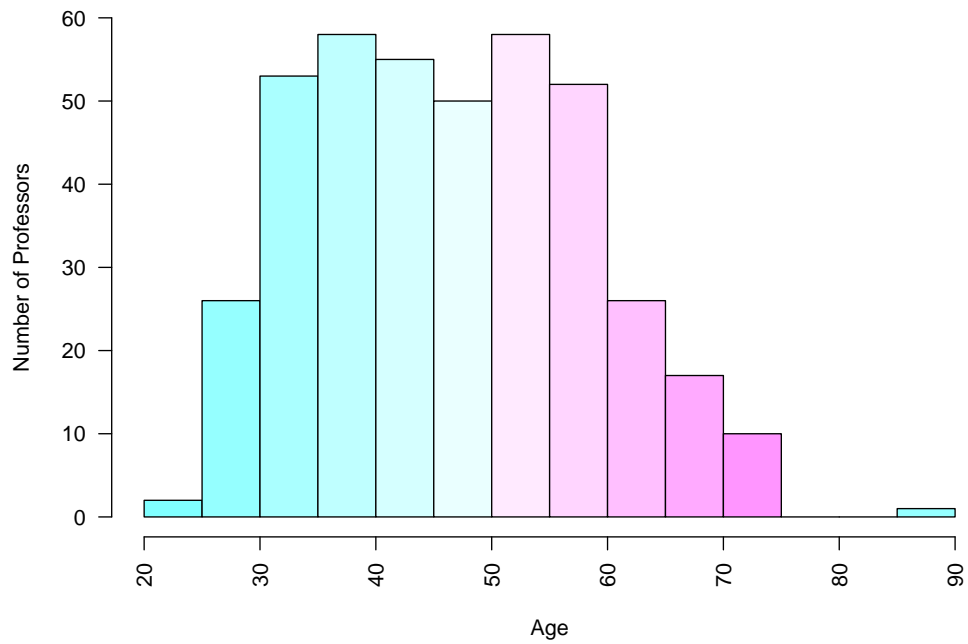
Faculty Age of Williams Professors 2006–2007



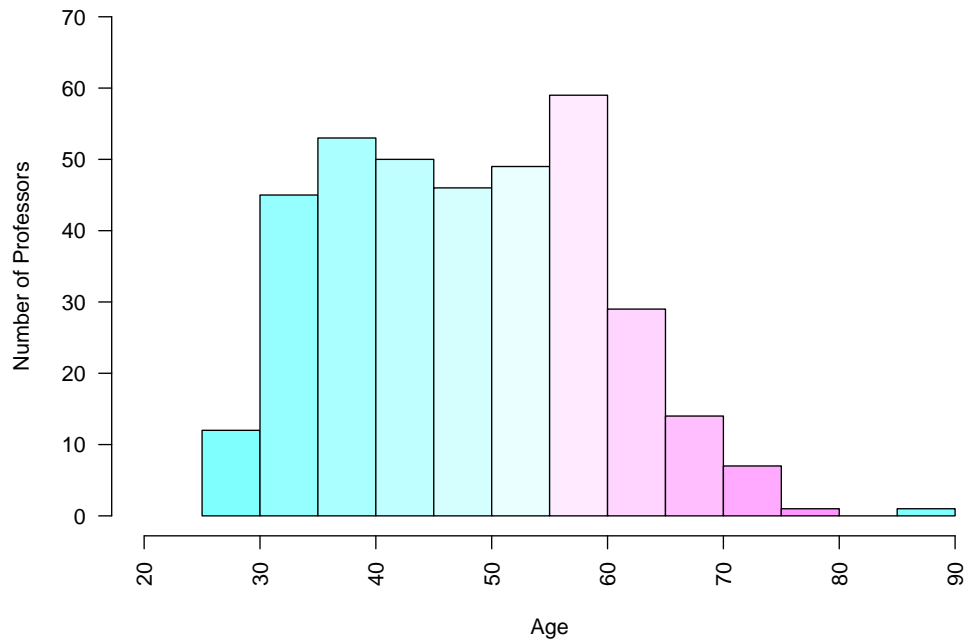
Faculty Age of Williams Professors 2007–2008



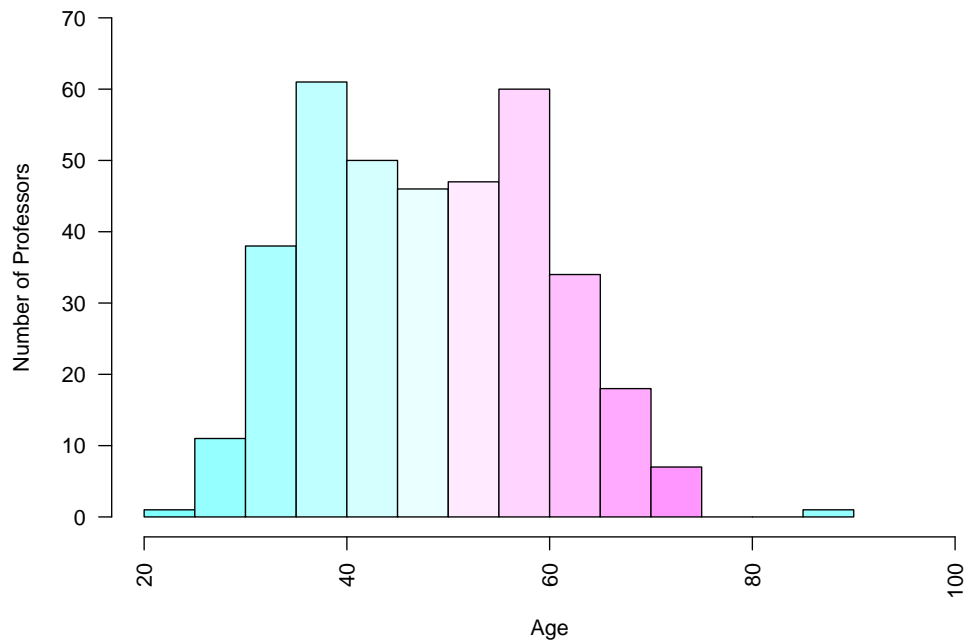
Faculty Age of Williams Professors 2008–2009



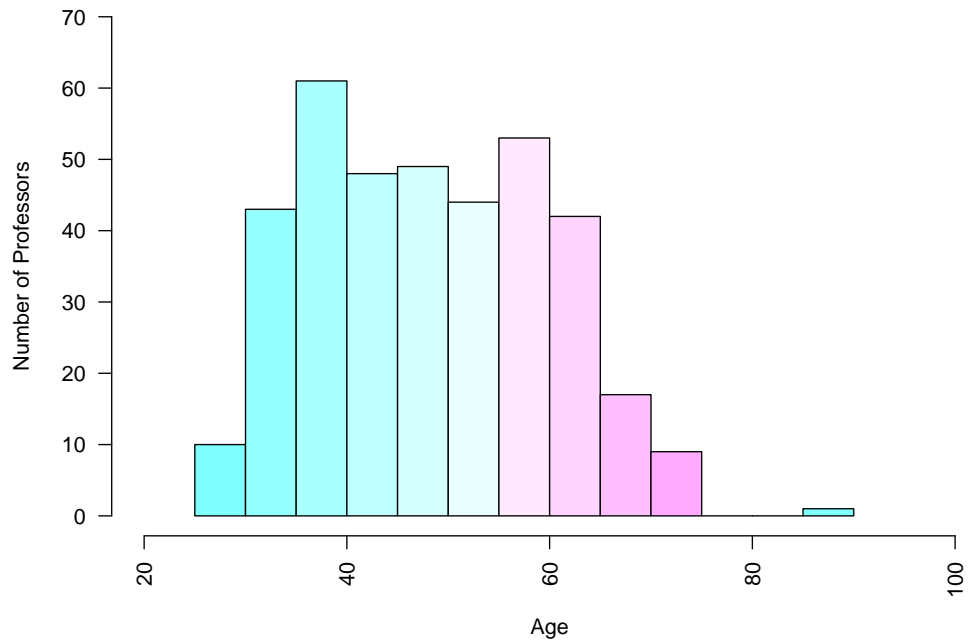
Faculty Age of Williams Professors 2009–2010



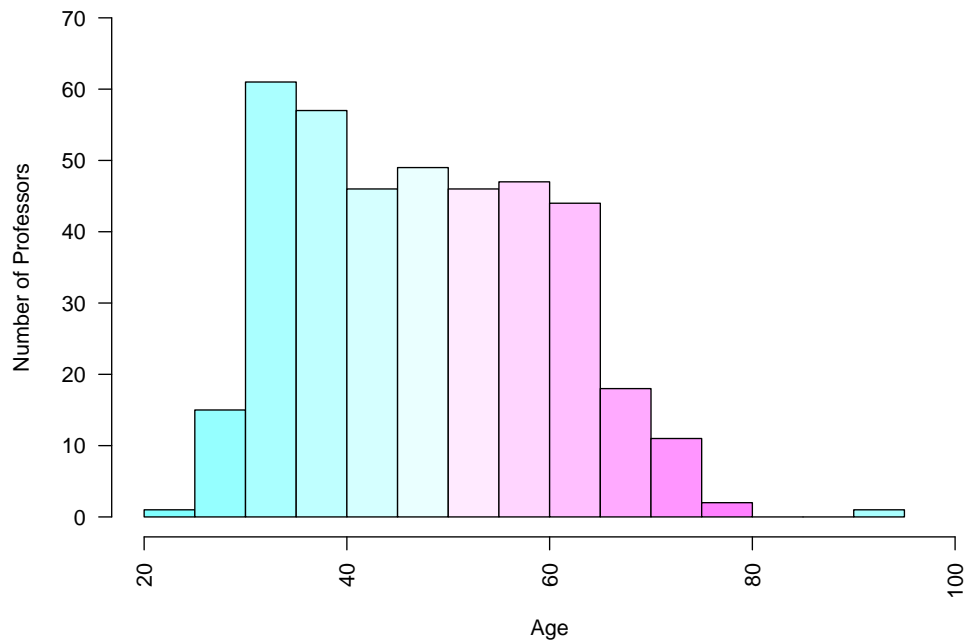
Faculty Age of Williams Professors 2010–2011



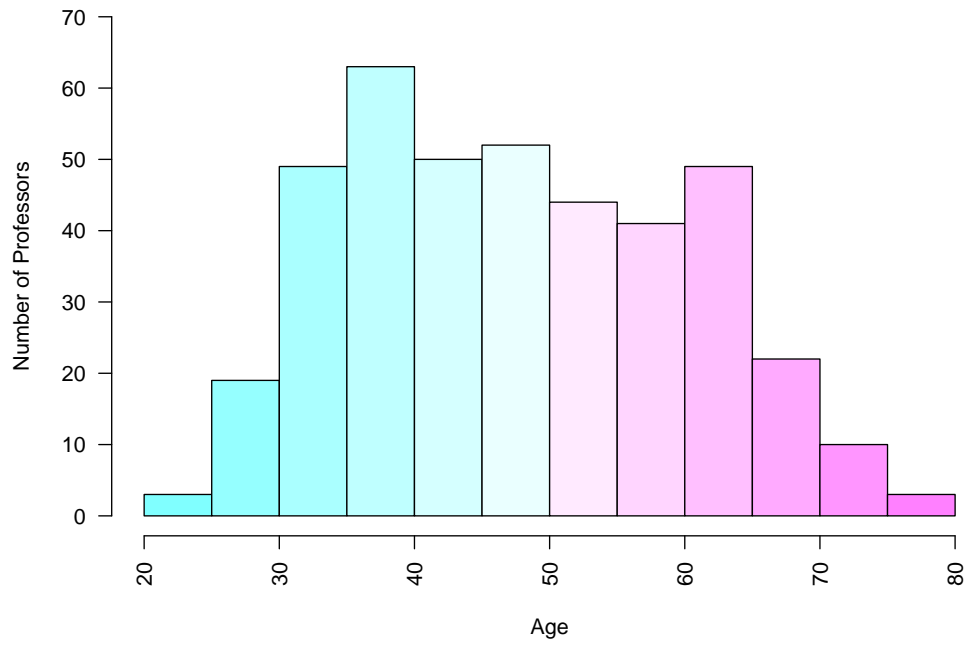
Faculty Age of Williams Professors 2011–2012



Faculty Age of Williams Professors 2012–2013

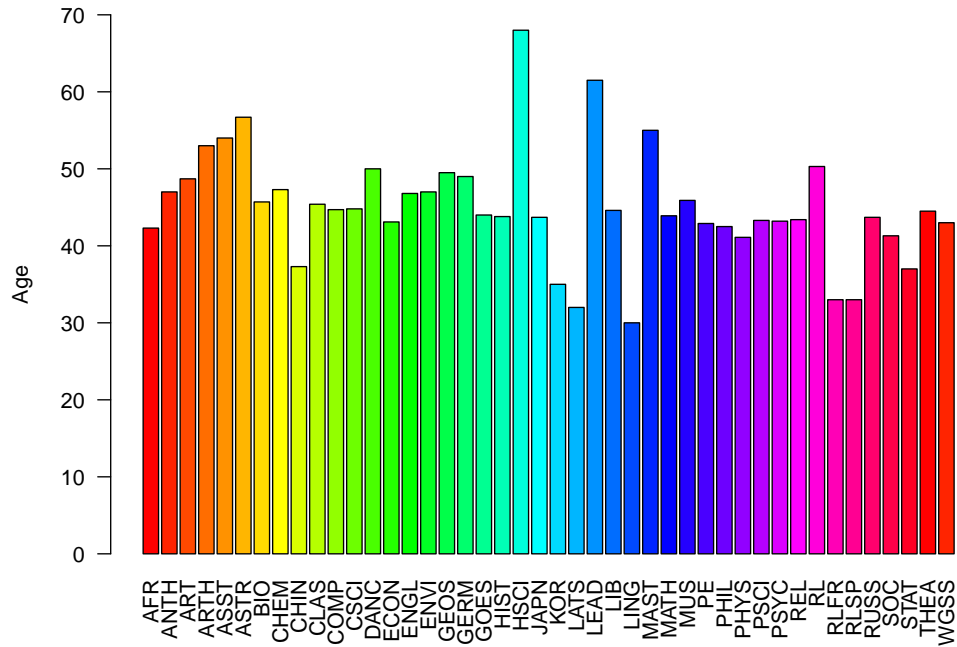


Faculty Age of Williams Professors 2013–2014

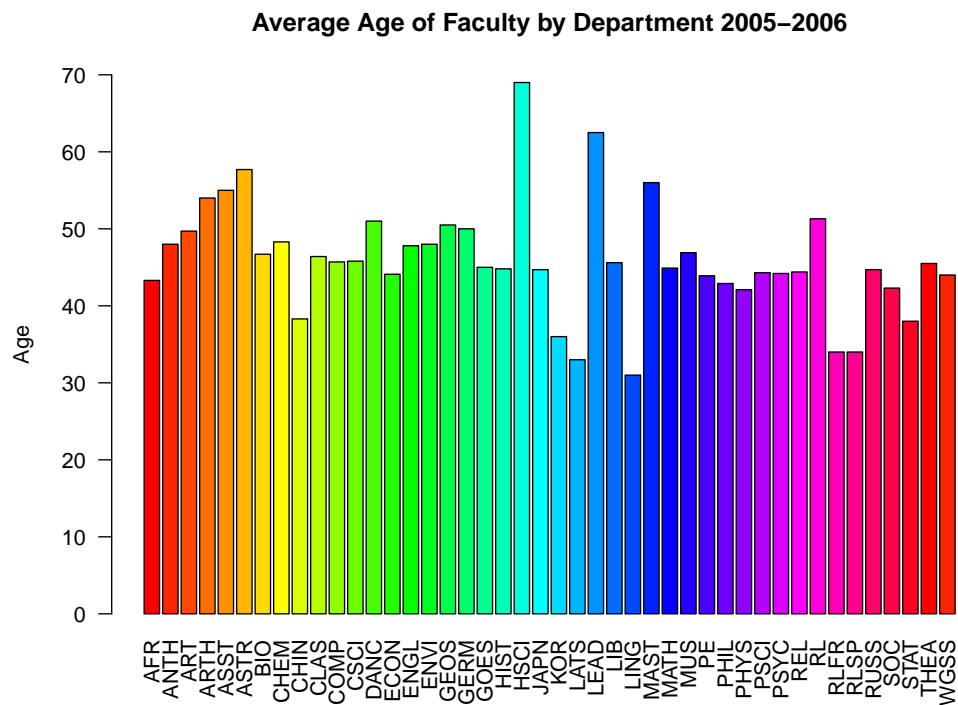


Average Ages by Department??

Average Age of Faculty by Department 2004–2005

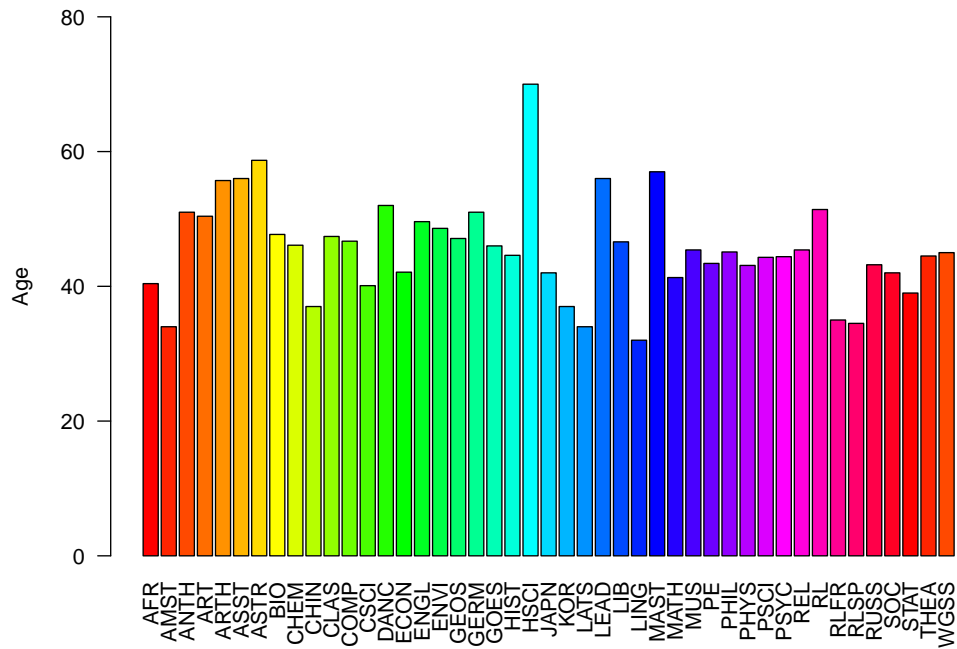


```
## [1] "Average Age by Department 2004-2005:"
##  AFR ANTH  ART ARTH ASST ASTR  BIO CHEM CHIN CLAS COMP CSCI
##  42.3 47.0 48.7 53.0 54.0 56.7 45.7 47.3 37.3 45.4 44.7 44.8
##  DANC ECON ENGL ENVI GEOS GERM GOES HIST HSCI JAPN  KOR LATS
##  50.0 43.1 46.8 47.0 49.5 49.0 44.0 43.8 68.0 43.7 35.0 32.0
##  LEAD  LIB LING MAST MATH  MUS   PE PHIL PHYS PSCI PSYC  REL
##  61.5 44.6 30.0 55.0 43.9 45.9 42.9 42.5 41.1 43.3 43.2 43.4
##    RL RLFR RLSP RUSS  SOC STAT THEA WGSS
##  50.3 33.0 33.0 43.7 41.3 37.0 44.5 43.0
```



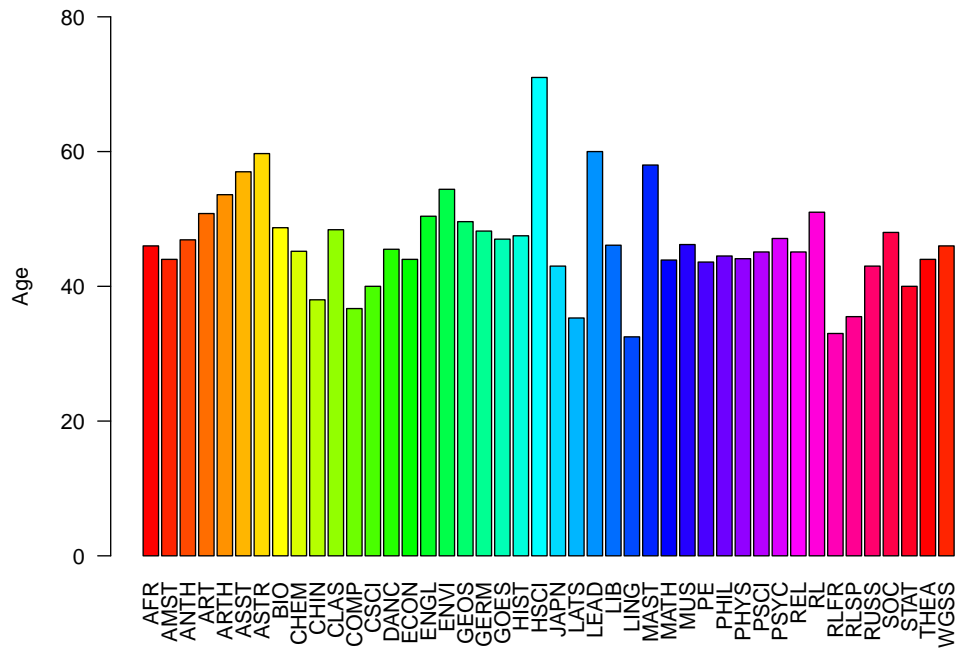
```
## [1] "Average Age by Department 2005-2006:"
##  AFR ANTH  ART ARTH ASST ASTR  BIO CHEM CHIN CLAS COMP CSCI
## 43.3 48.0 49.7 54.0 55.0 57.7 46.7 48.3 38.3 46.4 45.7 45.8
## DANC ECON ENGL ENVI GEOS GERM GOES HIST HSCI JAPN KOR LATS
## 51.0 44.1 47.8 48.0 50.5 50.0 45.0 44.8 69.0 44.7 36.0 33.0
## LEAD  LIB LING MAST MATH  MUS   PE PHIL PHYS PSCI PSYC  REL
## 62.5 45.6 31.0 56.0 44.9 46.9 43.9 42.9 42.1 44.3 44.2 44.4
##   RL RLFR RLSP RUSS  SOC STAT THEA WGSS
## 51.3 34.0 34.0 44.7 42.3 38.0 45.5 44.0
```

Average Age of Faculty by Department 2006–2007



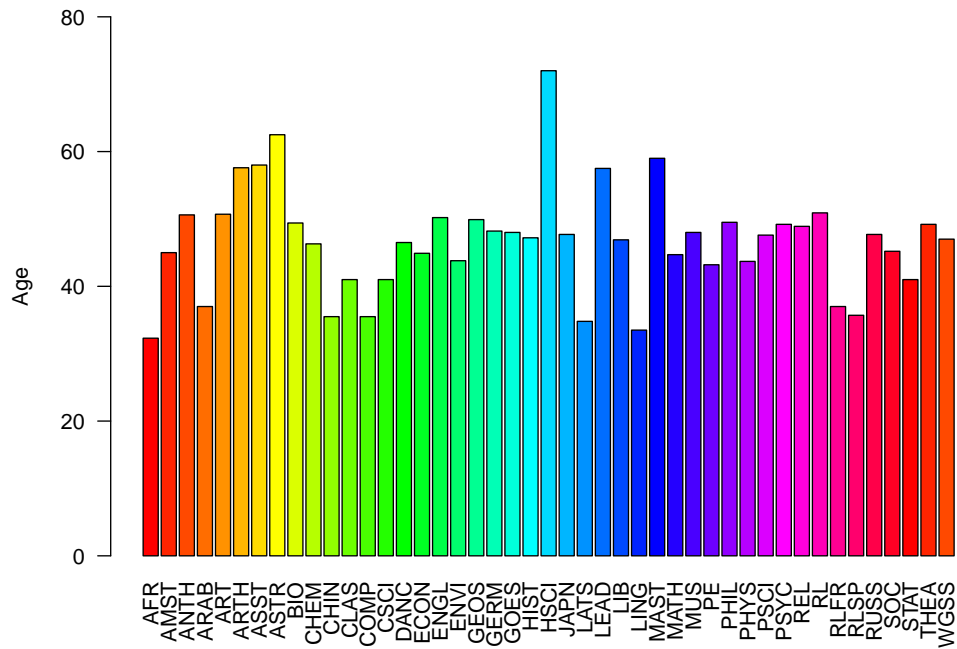
```
## [1] "Average Age by Department 2006-2007:"
##  AFR AMST ANTH  ART  ARTH ASST ASTR  BIO CHEM CHIN CLAS COMP
## 40.4 34.0 51.0 50.4 55.7 56.0 58.7 47.7 46.1 37.0 47.4 46.7
## CSCI DANC ECON ENGL ENVI GEOS GERM GOES HIST HSCI JAPN KOR
## 40.1 52.0 42.1 49.6 48.6 47.1 51.0 46.0 44.6 70.0 42.0 37.0
## LATS LEAD  LIB LING MAST MATH  MUS   PE PHIL PHYS PSCI PSYC
## 34.0 56.0 46.6 32.0 57.0 41.3 45.4 43.4 45.1 43.1 44.3 44.4
## REL   RL  RLFR RLSP RUSS  SOC  STAT THEA WGSS
## 45.4 51.4 35.0 34.5 43.2 42.0 39.0 44.5 45.0
```

Average Age of Faculty by Department 2007–2008



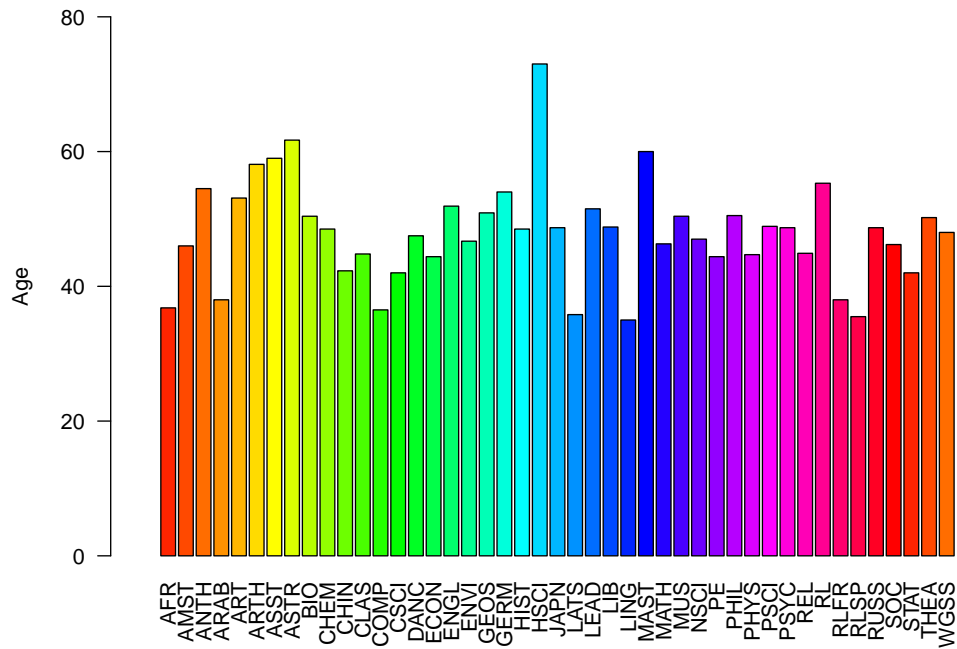
```
## [1] "Average Age by Department 2007-2008:"
##  AFR AMST ANTH  ART  ARTH ASST ASTR  BIO CHEM CHIN CLAS COMP
## 46.0 44.0 46.9 50.8 53.6 57.0 59.7 48.7 45.2 38.0 48.4 36.7
## CSCI DANC ECON ENGL ENVI GEOS GERM GOES HIST HSCI JAPN LATS
## 40.0 45.5 44.0 50.4 54.4 49.6 48.2 47.0 47.5 71.0 43.0 35.3
## LEAD  LIB LING MAST MATH  MUS   PE PHIL PHYS PSCI PSYC  REL
## 60.0 46.1 32.5 58.0 43.9 46.2 43.6 44.5 44.1 45.1 47.1 45.1
##   RL RLFR RLSP RUSS  SOC STAT THEA WGSS
## 51.0 33.0 35.5 43.0 48.0 40.0 44.0 46.0
```

Average Age of Faculty by Department 2008–2009



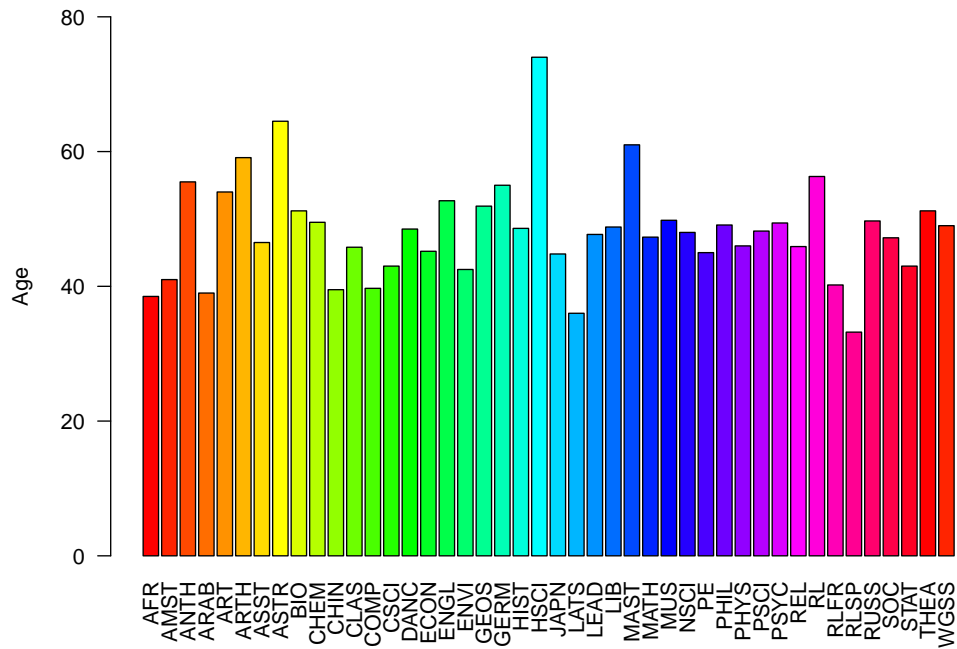
```
## [1] "Average Age by Department 2008-2009:"
##  AFR AMST ANTH ARAB  ART ARTH ASST ASTR  BIO CHEM CHIN CLAS
## 32.3 45.0 50.6 37.0 50.7 57.6 58.0 62.5 49.4 46.3 35.5 41.0
##  COMP CSCI DANC ECON ENGL ENVI GEOS GERM GOES HIST HSCI JAPN
## 35.5 41.0 46.5 44.9 50.2 43.8 49.9 48.2 48.0 47.2 72.0 47.7
##  LATS LEAD  LIB LING MAST MATH  MUS   PE PHIL PHYS PSCI PSYC
## 34.8 57.5 46.9 33.5 59.0 44.7 48.0 43.2 49.5 43.7 47.6 49.2
##  REL   RL RLFR RLSP RUSS  SOC  STAT THEA WGSS
## 48.9 50.9 37.0 35.7 47.7 45.2 41.0 49.2 47.0
```

Average Age of Faculty by Department 2009–2010



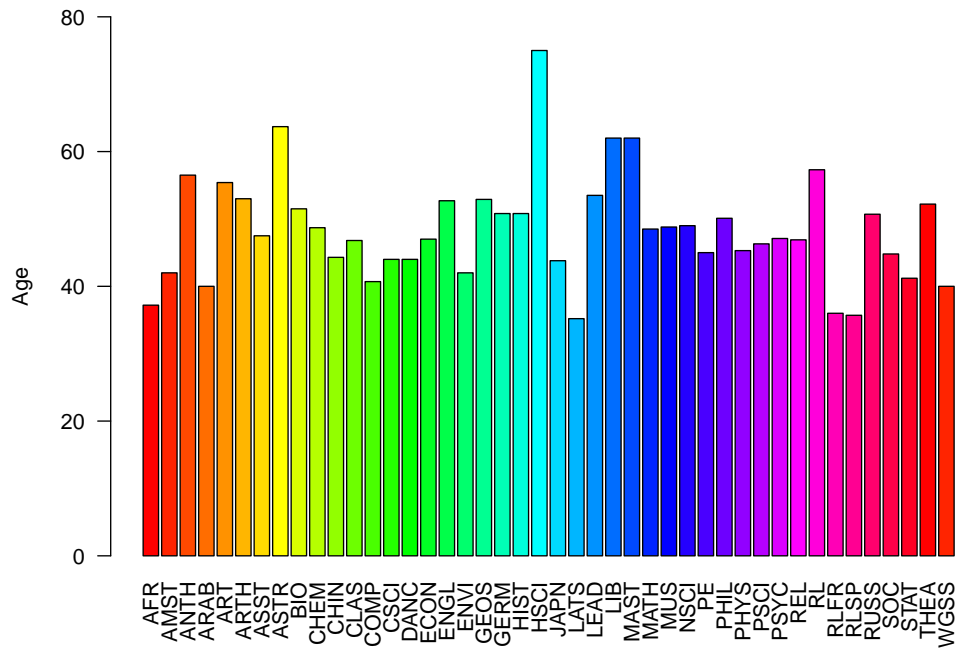
```
## [1] "Average Age by Department 2009-2010:"
##      AFR AMST ANTH ARAB  ART ARTH ASST ASTR  BIO CHEM CHIN
##   NA 36.8 46.0 54.5 38.0 53.1 58.1 59.0 61.7 50.4 48.5 42.3
## CLAS COMP CSCI DANC ECON ENGL ENVI GEOS GERM HIST HSCI JAPN
## 44.8 36.5 42.0 47.5 44.4 51.9 46.7 50.9 54.0 48.5 73.0 48.7
## LATS LEAD  LIB LING MAST MATH  MUS NSCI  PE  PHIL PHYS PSCI
## 35.8 51.5 48.8 35.0 60.0 46.3 50.4 47.0 44.4 50.5 44.7 48.9
## PSYC  REL   RL RLFR RLSP RUSS  SOC STAT THEA WGSS
## 48.7 44.9 55.3 38.0 35.5 48.7 46.2 42.0 50.2 48.0
```

Average Age of Faculty by Department 2010–2011



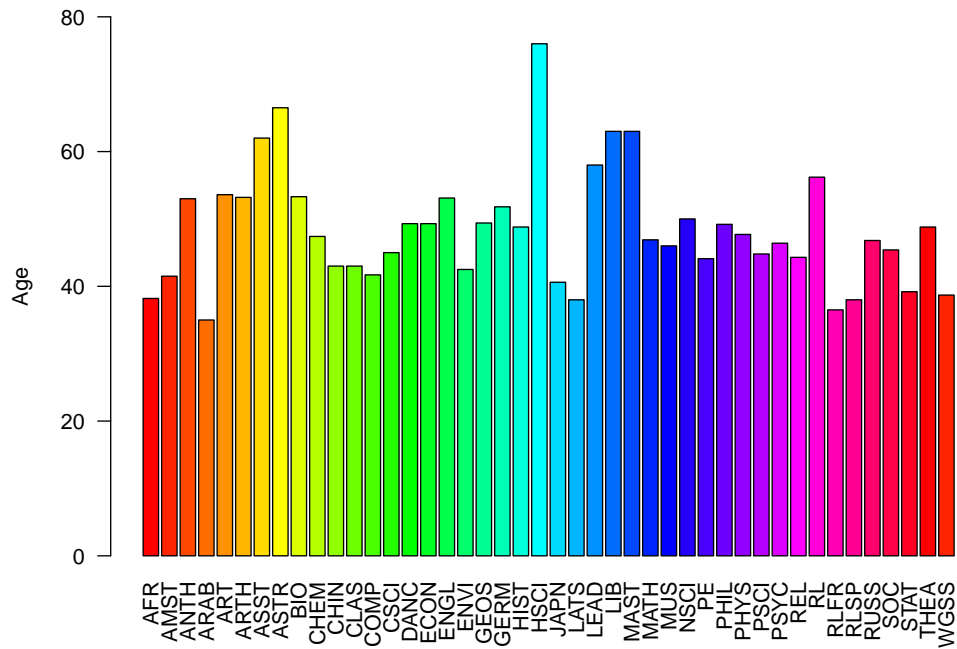
```
## [1] "Average Age by Department 2010-2011:"
##  AFR AMST ANTH ARAB  ART ARTH ASST ASTR  BIO CHEM CHIN CLAS
## 38.5 41.0 55.5 39.0 54.0 59.1 46.5 64.5 51.2 49.5 39.5 45.8
## COMP CSCI DANC ECON ENGL ENVI GEOS GERM HIST HSCI JAPN LATS
## 39.7 43.0 48.5 45.2 52.7 42.5 51.9 55.0 48.6 74.0 44.8 36.0
## LEAD  LIB MAST MATH  MUS NSCI  PE PHIL PHYS PSCI PSYC  REL
## 47.7 48.8 61.0 47.3 49.8 48.0 45.0 49.1 46.0 48.2 49.4 45.9
##  RL RLFR RLSP RUSS  SOC STAT THEA WGSS
## 56.3 40.2 33.2 49.7 47.2 43.0 51.2 49.0
```


Average Age of Faculty by Department 2011–2012

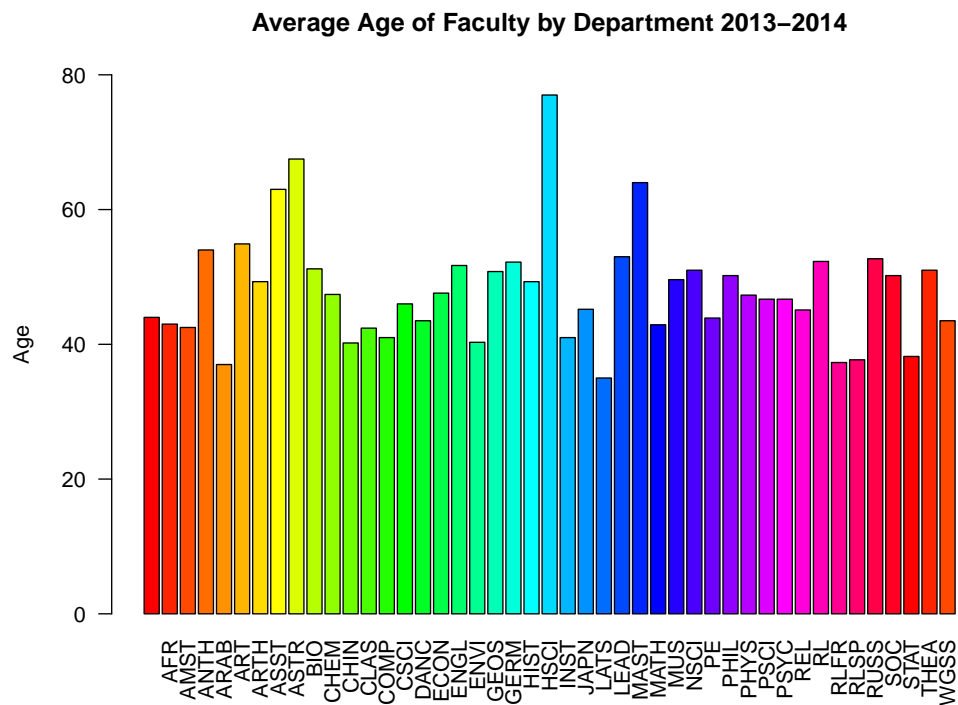


```
## [1] "Average Age by Department 2011-2012:"
##  AFR AMST ANTH ARAB  ART ARTH ASST ASTR  BIO CHEM CHIN CLAS
## 37.2 42.0 56.5 40.0 55.4 53.0 47.5 63.7 51.5 48.7 44.3 46.8
##  COMP CSCI DANC ECON ENGL ENVI GEOS GERM HIST HSCI JAPN LATS
## 40.7 44.0 44.0 47.0 52.7 42.0 52.9 50.8 50.8 75.0 43.8 35.2
##  LEAD  LIB MAST MATH  MUS NSCI  PE  PHIL PHYS PSCI PSYC  REL
## 53.5 62.0 62.0 48.5 48.8 49.0 45.0 50.1 45.3 46.3 47.1 46.9
##    RL RLFR RLSP RUSS  SOC STAT THEA WGSS
## 57.3 36.0 35.7 50.7 44.8 41.2 52.2 40.0
```

Average Age of Faculty by Department 2012–2013

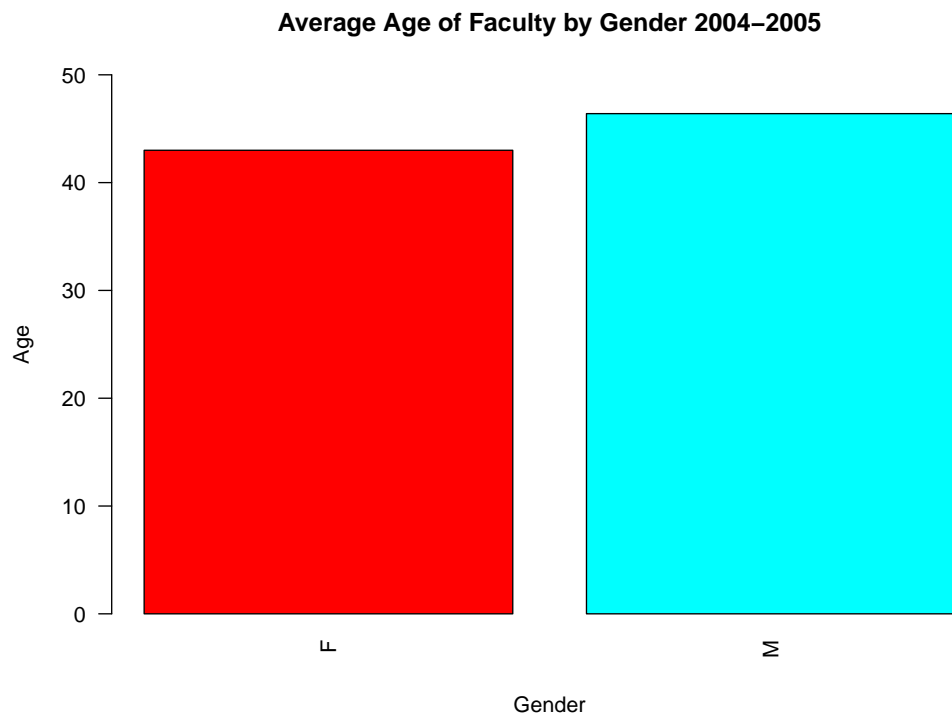


```
## [1] "Average Age by Department 2012-2013:"
##  AFR AMST ANTH ARAB  ART ARTH ASST ASTR  BIO CHEM CHIN CLAS
## 38.2 41.5 53.0 35.0 53.6 53.2 62.0 66.5 53.3 47.4 43.0 43.0
## COMP CSCI DANC ECON ENGL ENVI GEOS GERM HIST HSCI JAPN LATS
## 41.7 45.0 49.3 49.3 53.1 42.5 49.4 51.8 48.8 76.0 40.6 38.0
## LEAD  LIB MAST MATH  MUS NSCI  PE PHIL PHYS PSCI PSYC  REL
## 58.0 63.0 63.0 46.9 46.0 50.0 44.1 49.2 47.7 44.8 46.4 44.3
##   RL RLFR RLSP RUSS  SOC STAT THEA WGSS
## 56.2 36.5 38.0 46.8 45.4 39.2 48.8 38.7
```

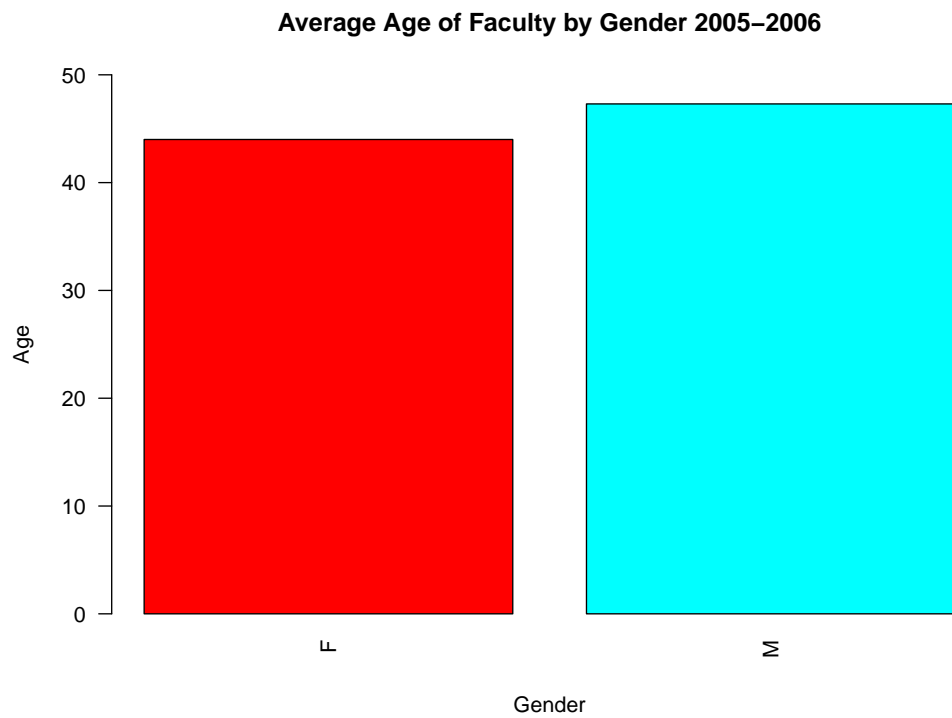


```
## [1] "Average Age by Department 2013-2014:"
##      AFR AMST ANTH ARAB  ART ARTH ASST ASTR  BIO CHEM CHIN
## 44.0 43.0 42.5 54.0 37.0 54.9 49.3 63.0 67.5 51.2 47.4 40.2
## CLAS COMP CSCI DANC ECON ENGL ENVI GEOS GERM HIST HSCI INST
## 42.4 41.0 46.0 43.5 47.6 51.7 40.3 50.8 52.2 49.3 77.0 41.0
## JAPN LATS LEAD MAST MATH  MUS NSCI  PE  PHIL PHYS PSCI PSYC
## 45.2 35.0 53.0 64.0 42.9 49.6 51.0 43.9 50.2 47.3 46.7 46.7
##  REL   RL  RLFR RLSP RUSS  SOC STAT THEA WGSS
## 45.1 52.3 37.3 37.7 52.7 50.2 38.2 51.0 43.5
```

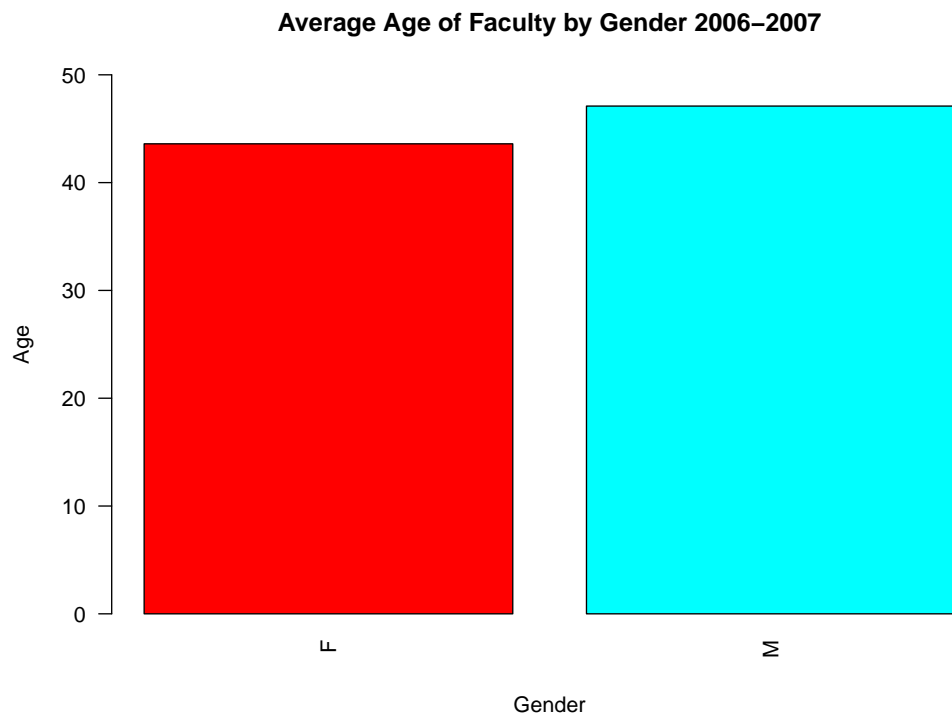
How do the ages differ by gender?



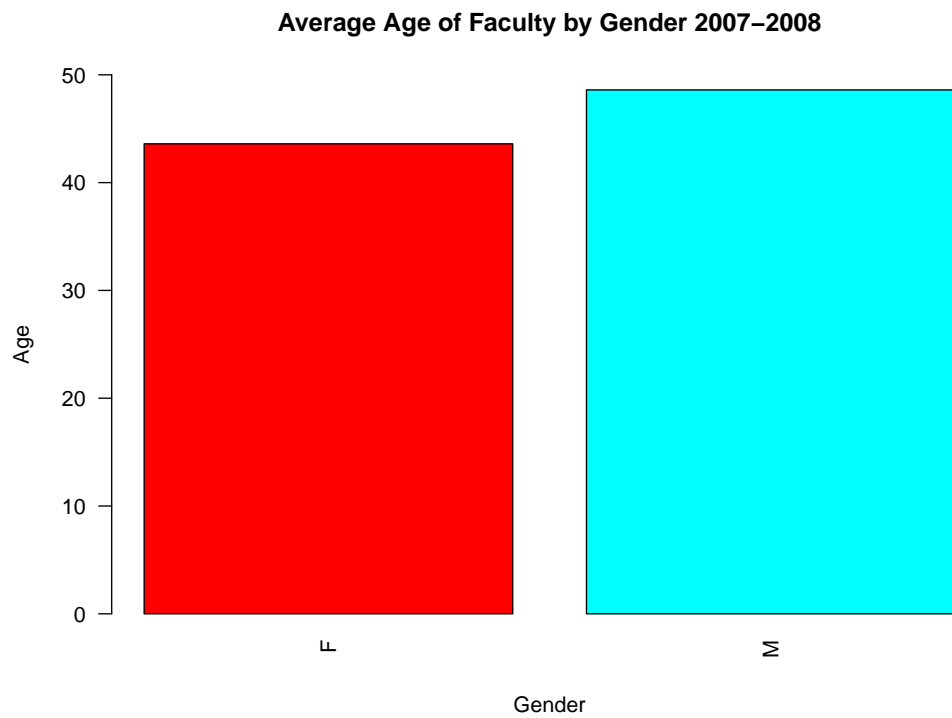
```
## [1] "Average Age by Gender 2004-2005:"  
##      F      M  
## 43.0 46.4
```



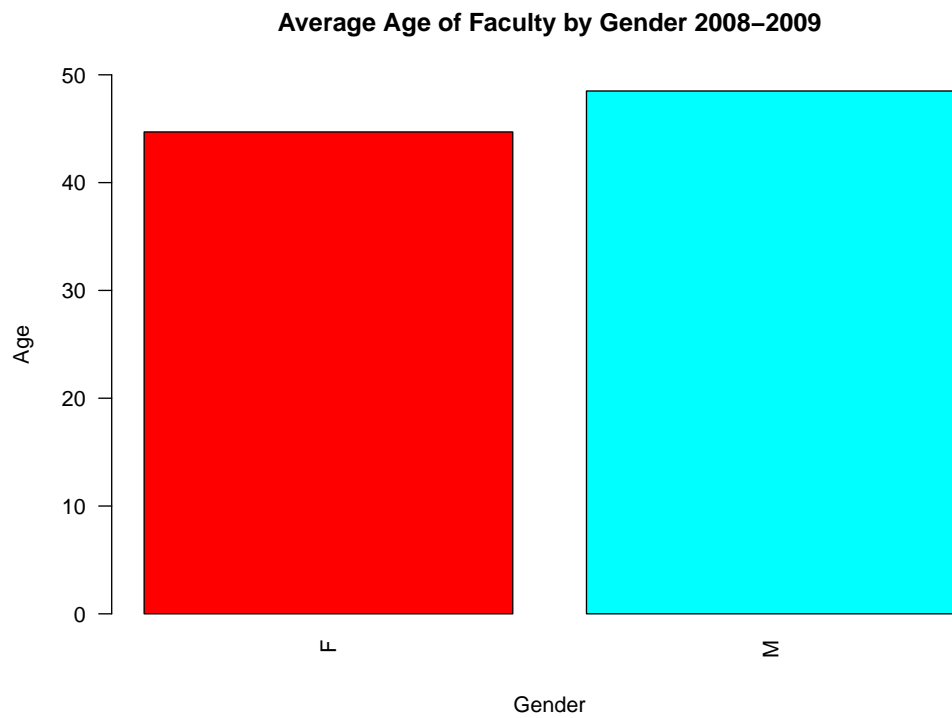
```
## [1] "Average Age by Gender 2005-2006:"  
##      F      M  
## 44.0 47.3
```



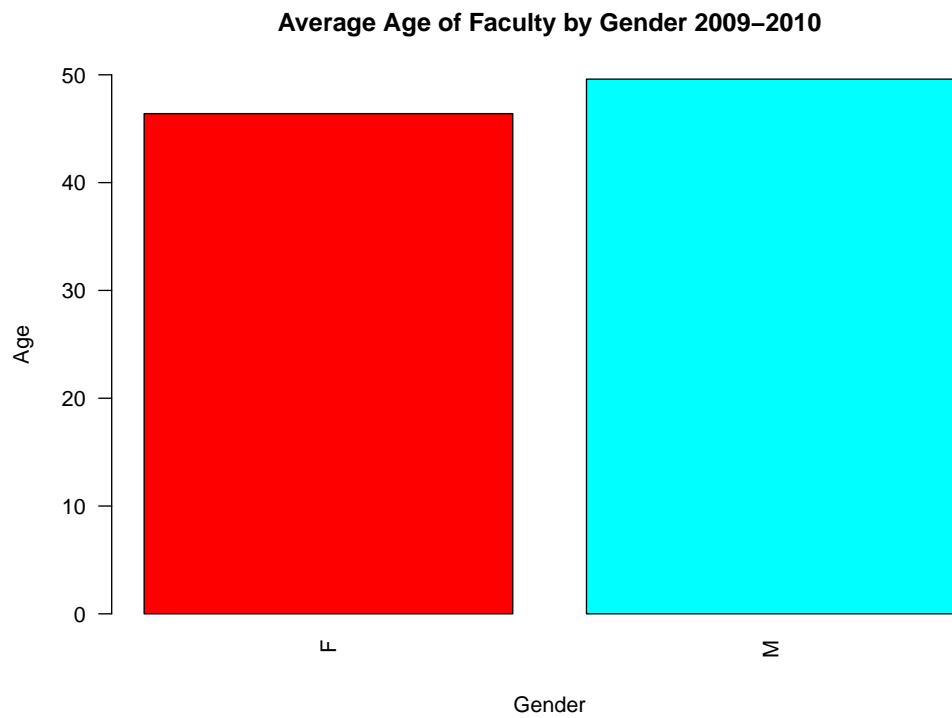
```
## [1] "Average Age by Gender 2006-2007:"  
##      F      M  
## 43.6 47.1
```



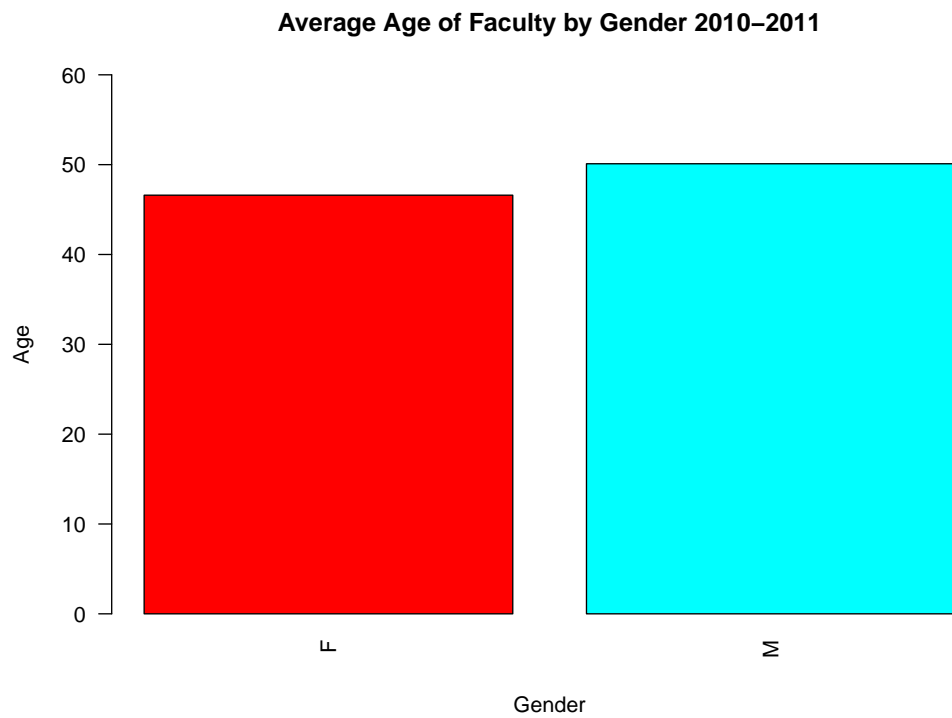
```
## [1] "Average Age by Gender 2007-2008:"  
##      F      M  
## 43.6 48.6
```



```
## [1] "Average Age by Gender 2008-2009:"  
##      F      M  
## 44.7 48.5
```

```
## [1] "Average Age by Gender 2009-2010:"  
##      F      M  
## 46.4 49.6
```



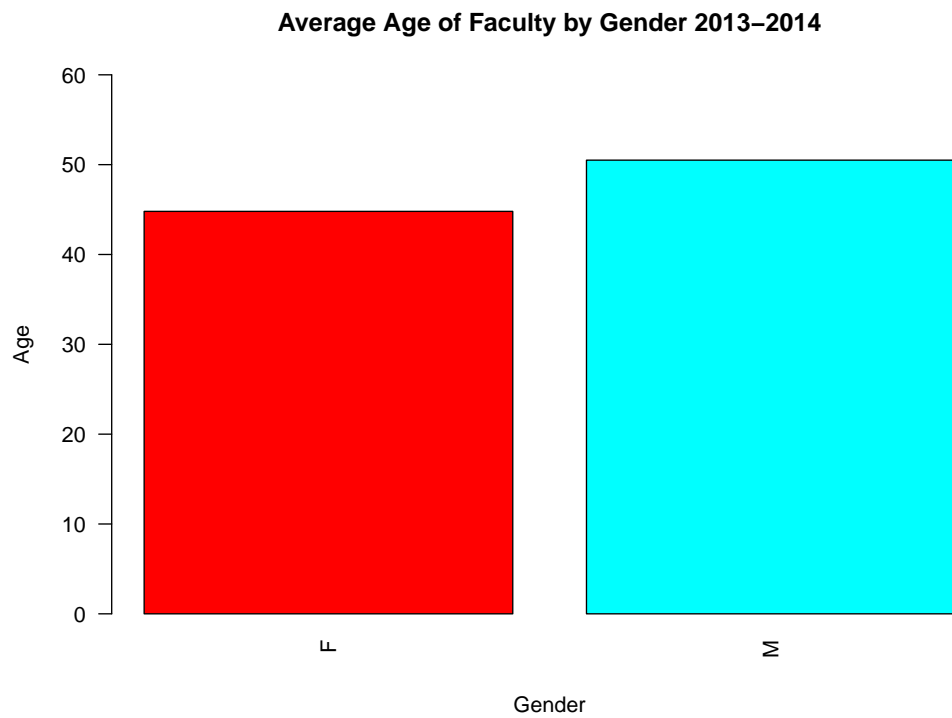
```
## [1] "Average Age by Gender 2010-2011:"  
##      F      M  
## 46.6 50.1
```



```
## [1] "Average Age by Gender 2011-2012:"  
##      F      M  
## 45.8 50.7
```

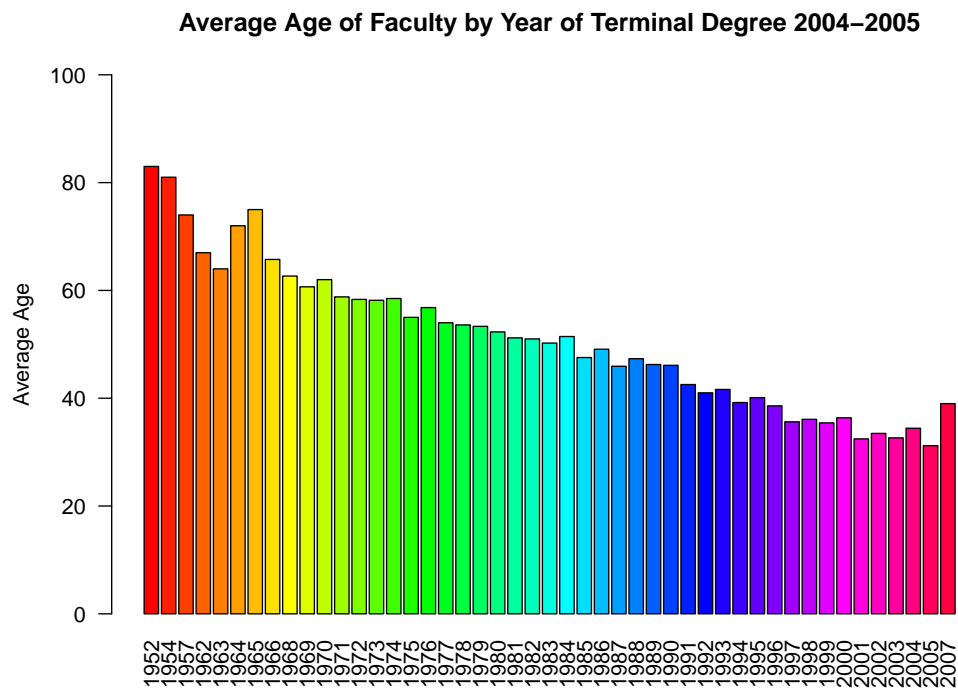


```
## [1] "Average Age by Gender 2012-2013:"  
##      F      M  
## 45.4 50.3
```

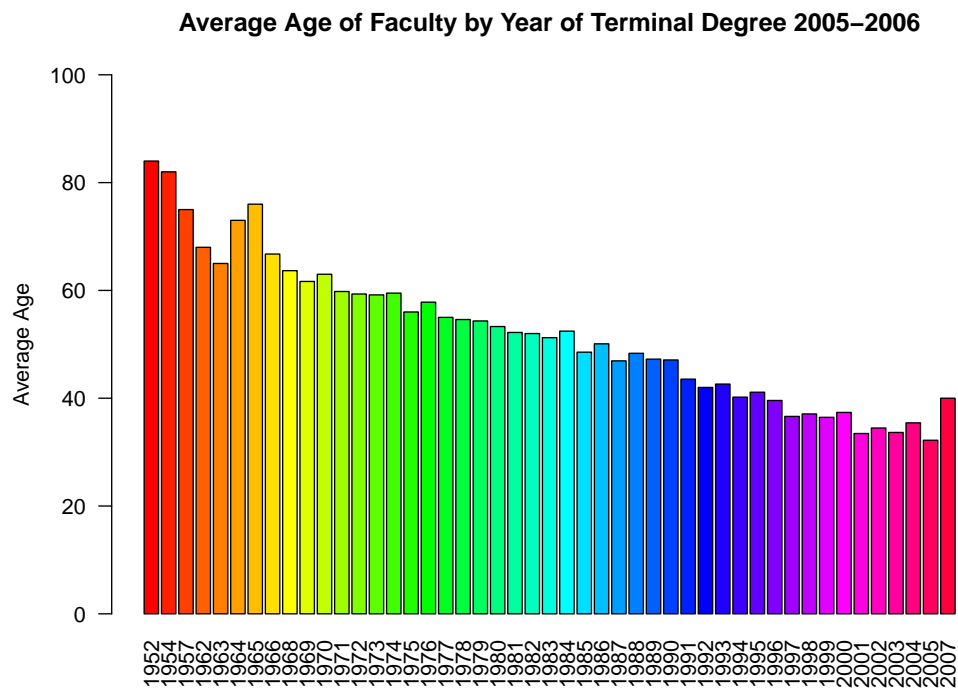


```
## [1] "Average Age by Gender 2013-2014:"  
##      F      M  
## 44.8 50.5
```

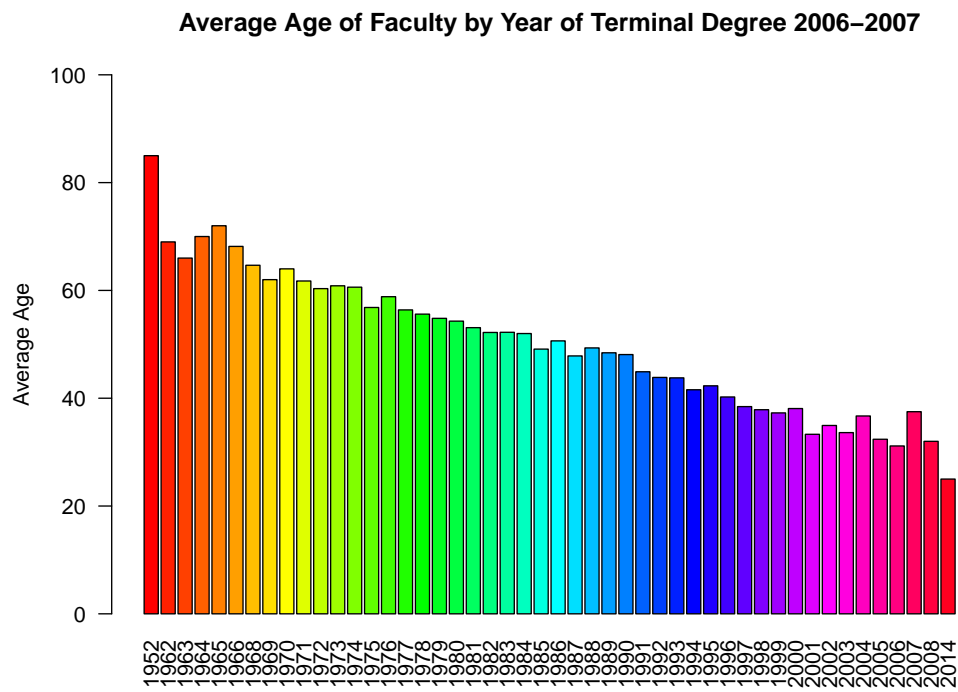
How High is the Correlation between Age and Year of Terminal Degree.



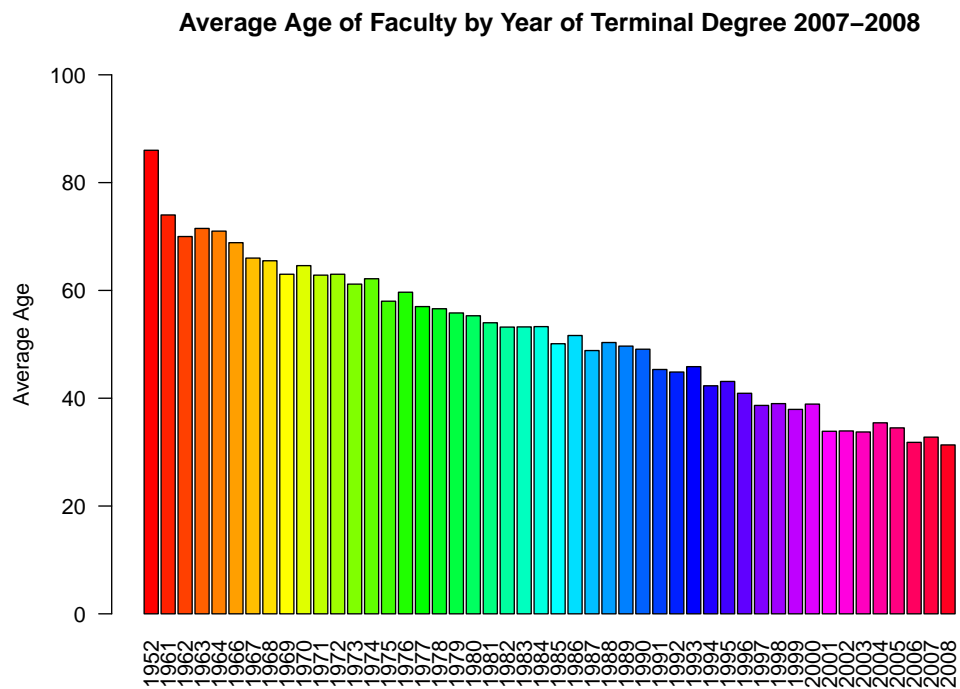
```
## [1] "Correlation Between Age and Year of Terminal Degree 2004–2005"
## [1] -0.93
```



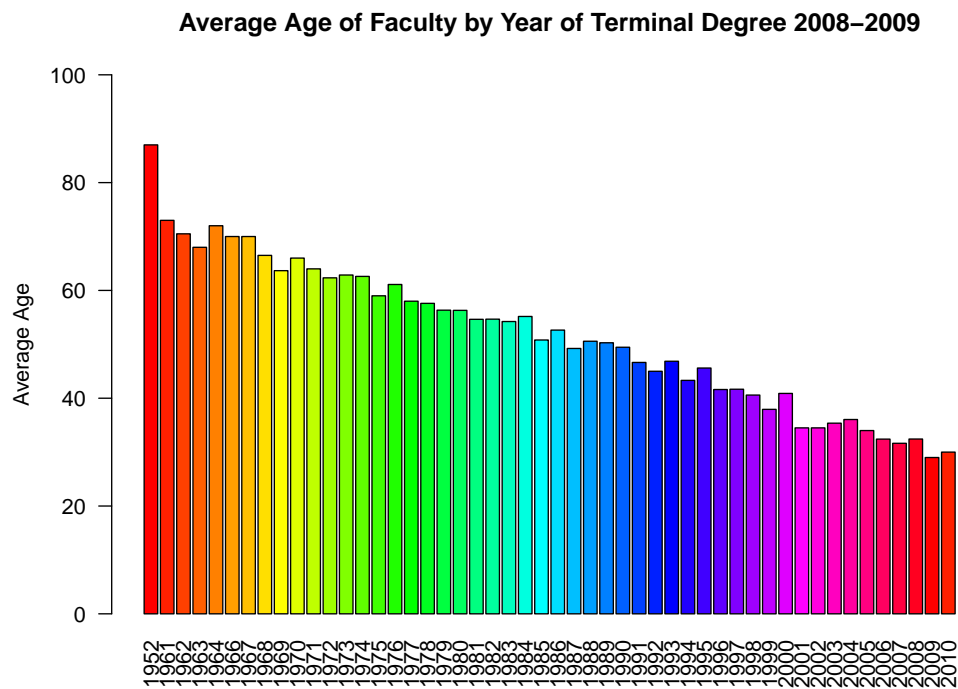
```
## [1] "Correlation Between Age and Year of Terminal Degree 2005-2006"
## [1] -0.93
```



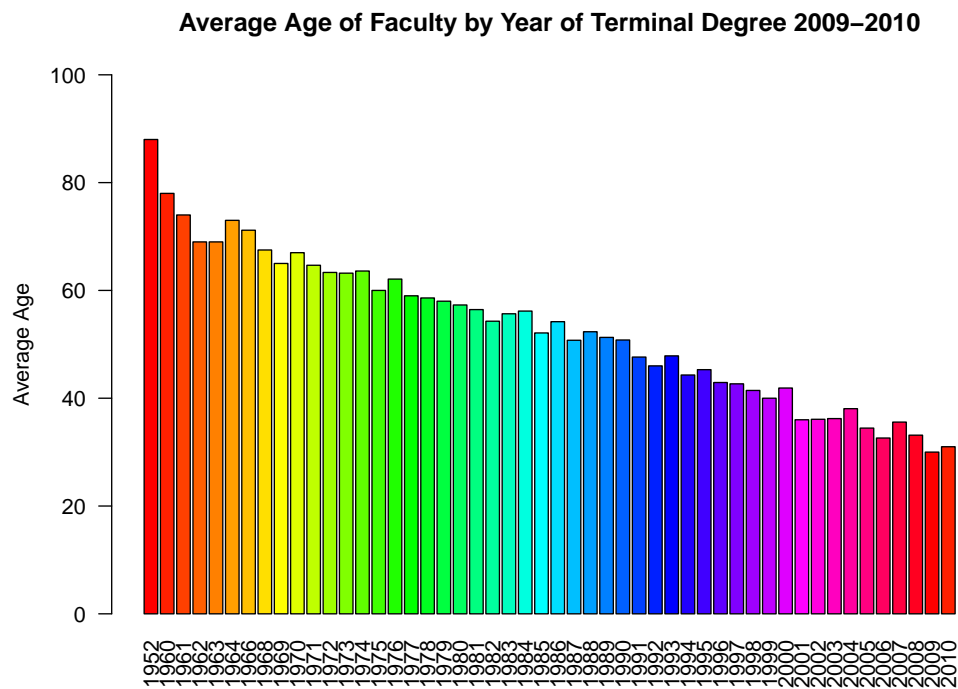
```
## [1] "Correlation Between Age and Year of Terminal Degree 2006-2007"
## [1] -0.93
```

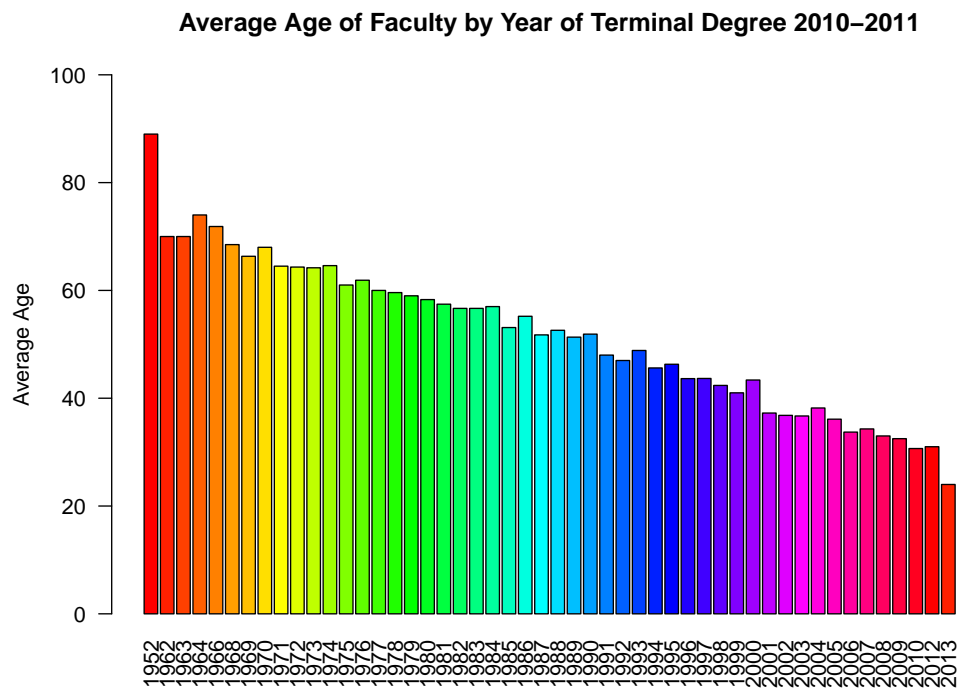
```
## [1] "Correlation Between Age and Year of Terminal Degree 2007–2008"
## [1] -0.94
```



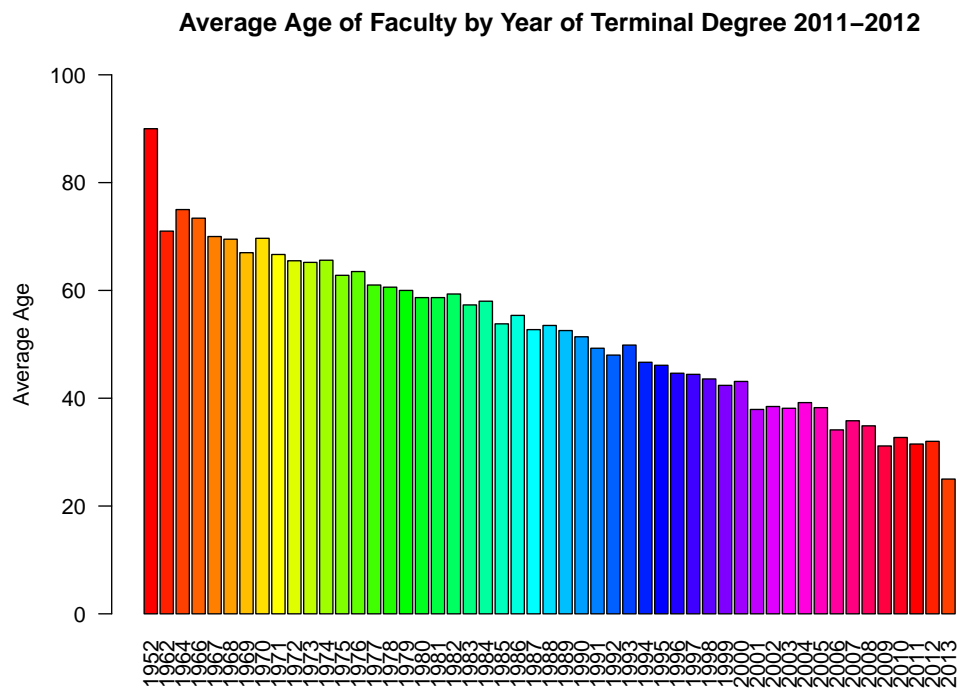
```
## [1] "Correlation Between Age and Year of Terminal Degree 2008-2009"
## [1] -0.93
```



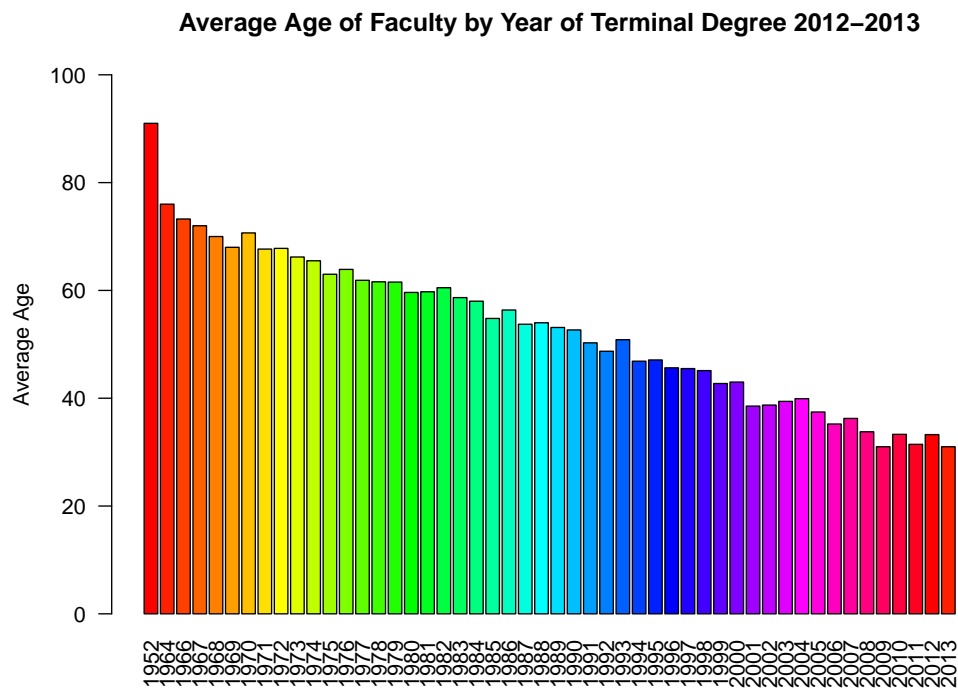
```
## [1] "Correlation Between Age and Year of Terminal Degree 2009-2010"
## [1] -0.94
```



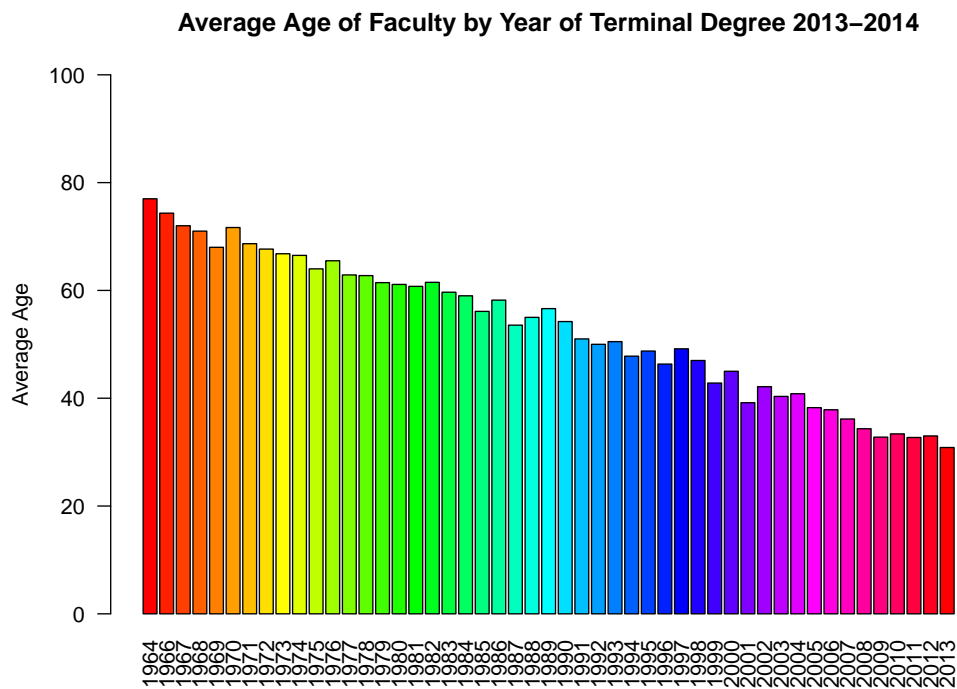
```
## [1] "Correlation Between Age and Year of Terminal Degree 2010-2011"
## [1] -0.95
```



```
## [1] "Correlation Between Age and Year of Terminal Degree 2011-2012"
## [1] -0.95
```



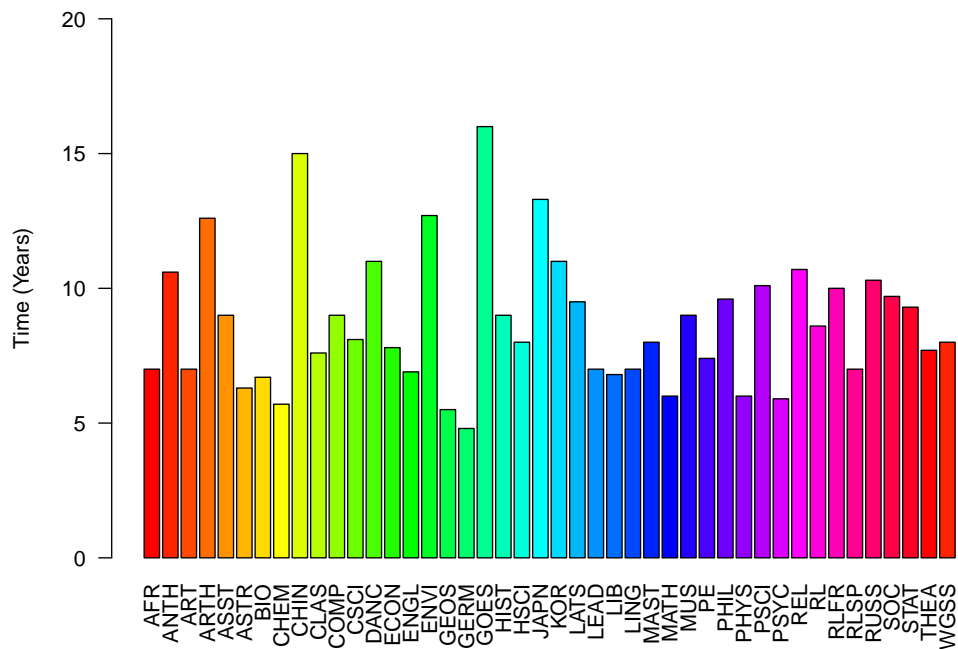
```
## [1] "Correlation Between Age and Year of Terminal Degree 2012-2013"
## [1] -0.95
```



```
## [1] "Correlation Between Age and Year of Terminal Degree 2013-2014"
## [1] -0.94
```

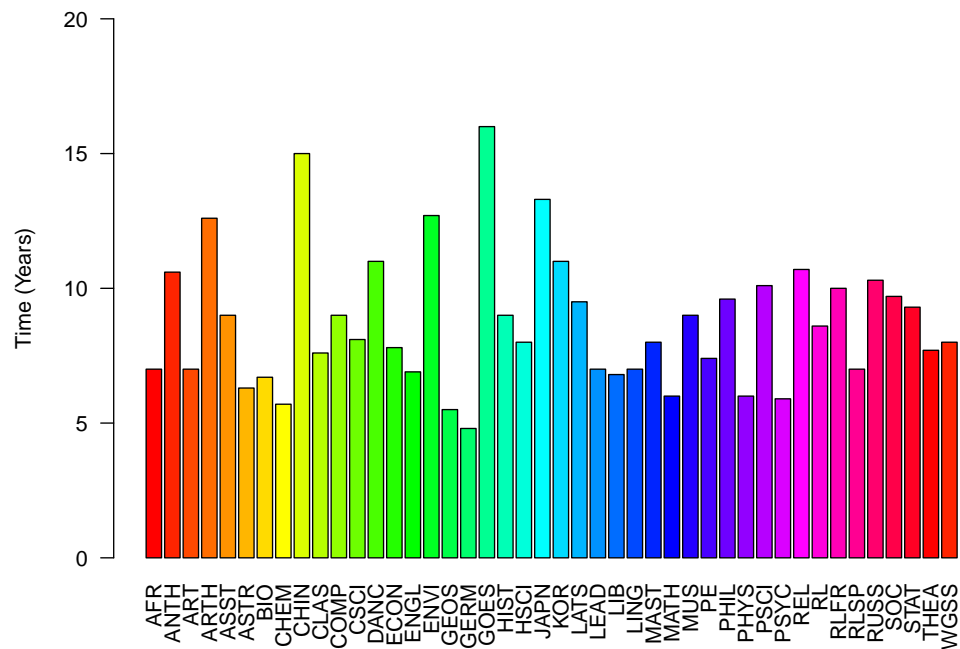
Do certain departments require more time to earn a PhD in than others?

Average Time Between Bachelor's and Terminal Degree by Department 2004–2005



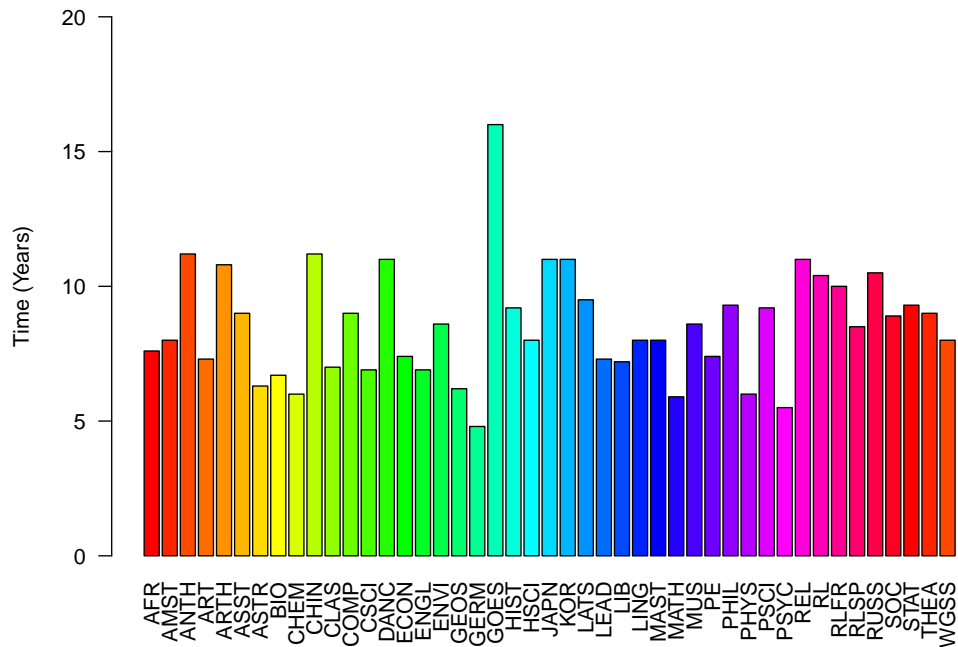
```
## [1] "Avg Time b/w Bachelor's and Terminal Degree by Dept 2004-2005"
##  AFR ANTH  ART ARTH ASST ASTR  BIO CHEM CHIN CLAS COMP CSCI
##  7.0 10.6  7.0 12.6  9.0  6.3  6.7  5.7 15.0  7.6  9.0  8.1
##  DANC ECON ENGL ENVI GEOS GERM GOES HIST HSCI JAPN  KOR LATS
## 11.0  7.8  6.9 12.7  5.5  4.8 16.0  9.0  8.0 13.3 11.0  9.5
##  LEAD  LIB LING MAST MATH  MUS   PE  PHIL PHYS PSCI PSYC  REL
##  7.0  6.8  7.0  8.0  6.0  9.0  7.4  9.6  6.0 10.1  5.9 10.7
##   RL RLFR RLSP RUSS  SOC STAT THEA WGSS
##  8.6 10.0  7.0 10.3  9.7  9.3  7.7  8.0
```


Average Time Between Bachelor's and Terminal Degree by Department 2005–2006



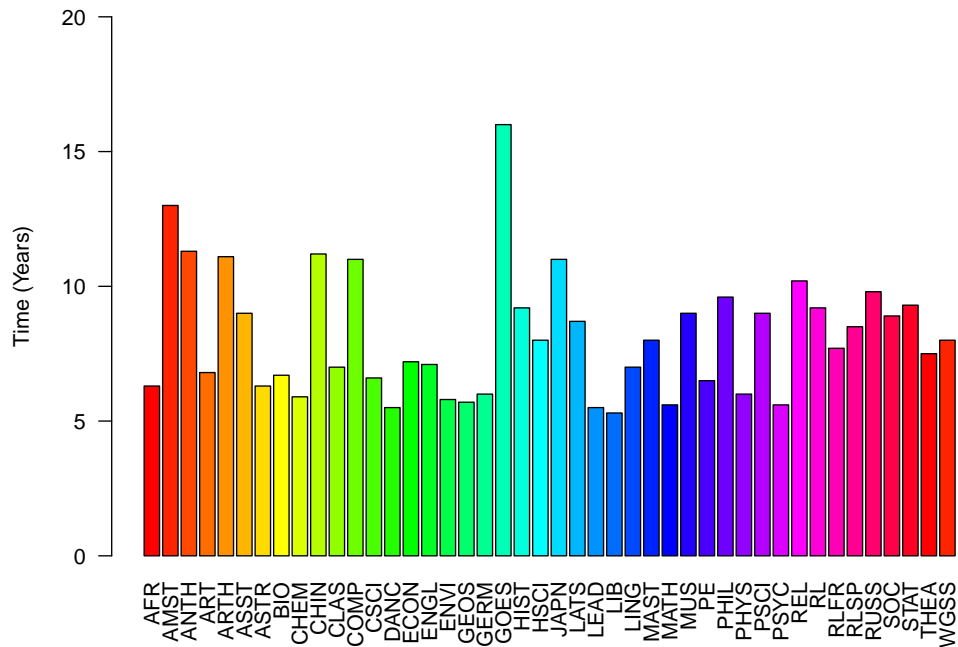
```
## [1] "Avg Time b/w Bachelor's and Terminal Degree by Dept 2005-2006"
##  AFR ANTH  ART ARTH ASST ASTR  BIO CHEM CHIN CLAS COMP CSCI
##  7.0 10.6  7.0 12.6  9.0  6.3  6.7  5.7 15.0  7.6  9.0  8.1
##  DANC ECON ENGL ENVI GEOS GERM GOES HIST HSCI JAPN  KOR LATS
## 11.0  7.8  6.9 12.7  5.5  4.8 16.0  9.0  8.0 13.3 11.0  9.5
##  LEAD  LIB LING MAST MATH  MUS   PE  PHIL PHYS PSCI PSYC  REL
##  7.0  6.8  7.0  8.0  6.0  9.0  7.4  9.6  6.0 10.1  5.9 10.7
##   RL RLFR RLSP RUSS  SOC STAT THEA WGSS
##  8.6 10.0  7.0 10.3  9.7  9.3  7.7  8.0
```

Average Time Between Bachelor's and Terminal Degree by Department 2006–2007



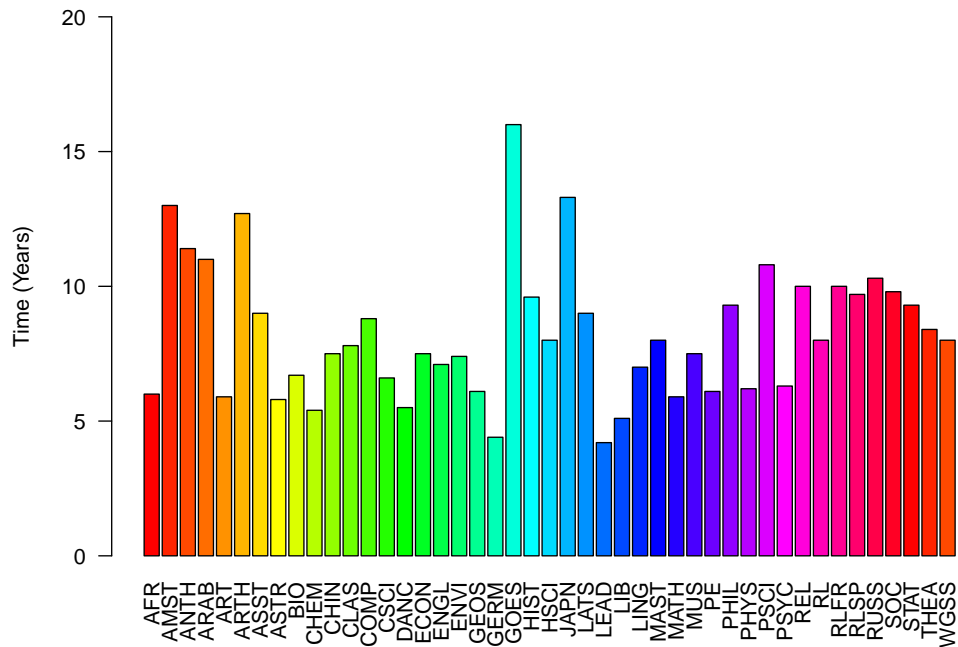
```
## [1] "Avg Time b/w Bachelor's and Terminal Degree by Dept 2006-2007"
##  AFR AMST ANTH  ART ARTH ASST ASTR  BIO CHEM CHIN CLAS COMP
##  7.6  8.0 11.2  7.3 10.8  9.0  6.3  6.7  6.0 11.2  7.0  9.0
## CSCI DANC ECON ENGL ENVI GEOS GERM GOES HIST HSCI JAPN KOR
##  6.9 11.0  7.4  6.9  8.6  6.2  4.8 16.0  9.2  8.0 11.0 11.0
## LATS LEAD  LIB LING MAST MATH  MUS  PE PHIL PHYS PSCI PSYC
##  9.5  7.3  7.2  8.0  8.0  5.9  8.6  7.4  9.3  6.0  9.2  5.5
##  REL   RL RLFR RLSP RUSS  SOC STAT THEA WGSS
## 11.0 10.4 10.0  8.5 10.5  8.9  9.3  9.0  8.0
```

Average Time Between Bachelor's and Terminal Degree by Department 2007–2008



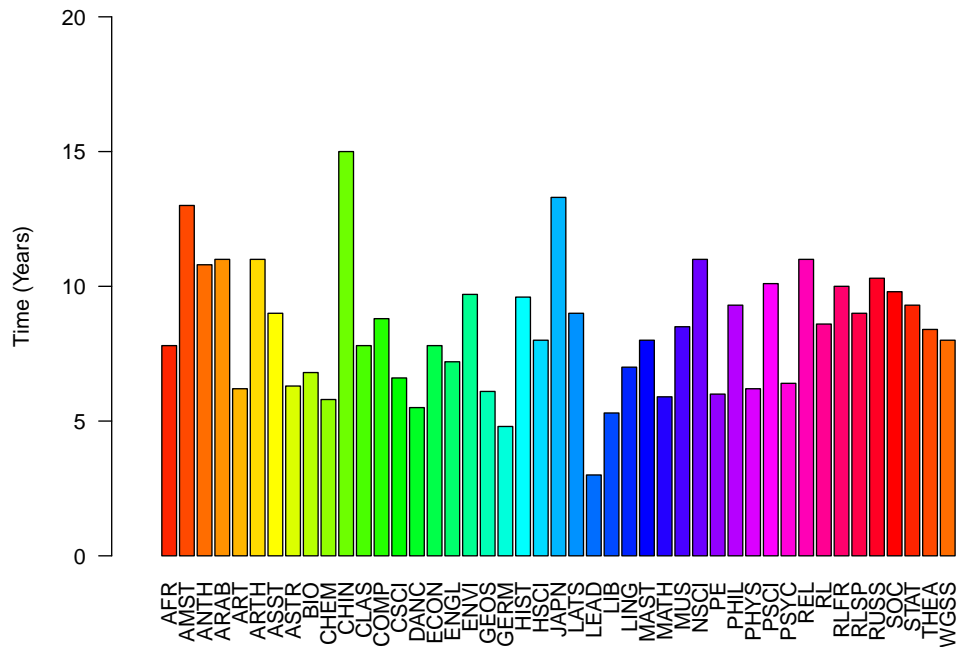
```
## [1] "Avg Time b/w Bachelor's and Terminal Degree by Dept 2007-2008"
##  AFR AMST ANTH  ART ARTH ASST ASTR  BIO CHEM CHIN CLAS COMP
##  6.3 13.0 11.3  6.8 11.1  9.0  6.3  6.7  5.9 11.2  7.0 11.0
## CSCI DANC ECON ENGL ENVI GEOS GERM GOES HIST HSCI JAPN LATS
##  6.6  5.5  7.2  7.1  5.8  5.7  6.0 16.0  9.2  8.0 11.0  8.7
## LEAD  LIB LING MAST MATH  MUS   PE  PHIL  PHYS PSCI PSYC  REL
##  5.5  5.3  7.0  8.0  5.6  9.0  6.5  9.6  6.0  9.0  5.6 10.2
##   RL RLFR RLSP RUSS  SOC  STAT  THEA  WGSS
##  9.2  7.7  8.5  9.8  8.9  9.3  7.5  8.0
```

Average Time Between Bachelor's and Terminal Degree by Department 2008–2009



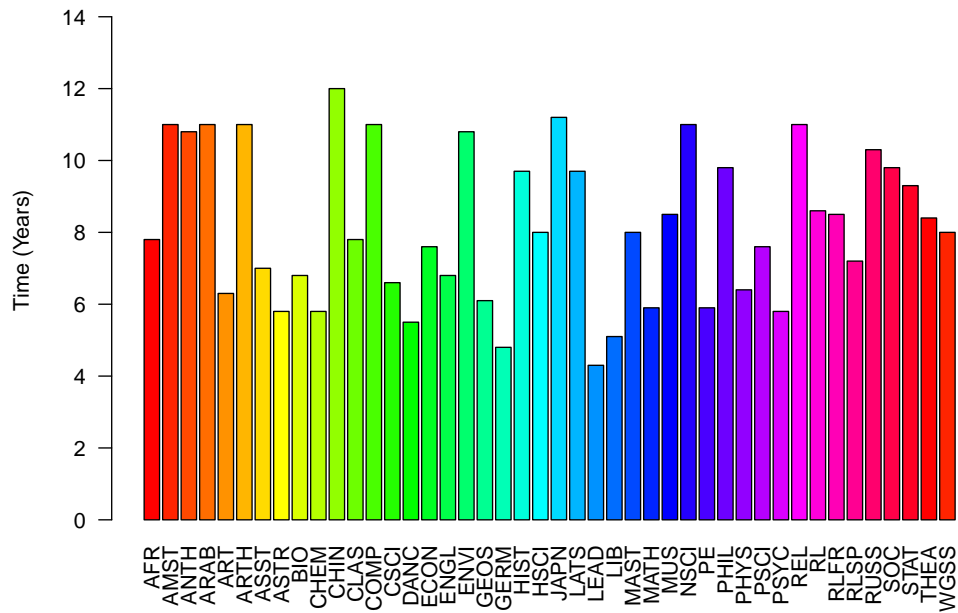
```
## [1] "Avg Time b/w Bachelor's and Terminal Degree by Dept 2008-2009"
##  AFR AMST ANTH ARAB  ART ARTH ASST ASTR  BIO CHEM CHIN CLAS
##  6.0 13.0 11.4 11.0  5.9 12.7  9.0  5.8  6.7  5.4  7.5  7.8
##  COMP CSCI DANC ECON ENGL ENVI GEOS GERM GOES HIST HSCI JAPN
##  8.8  6.6  5.5  7.5  7.1  7.4  6.1  4.4 16.0  9.6  8.0 13.3
##  LATS LEAD  LIB LING MAST MATH  MUS   PE PHIL PHYS PSCI PSYC
##  9.0  4.2  5.1  7.0  8.0  5.9  7.5  6.1  9.3  6.2 10.8  6.3
##  REL   RL RLFR RLSP RUSS  SOC  STAT THEA WGSS
## 10.0  8.0 10.0  9.7 10.3  9.8  9.3  8.4  8.0
```

Average Time Between Bachelor's and Terminal Degree by Department 2009–2010



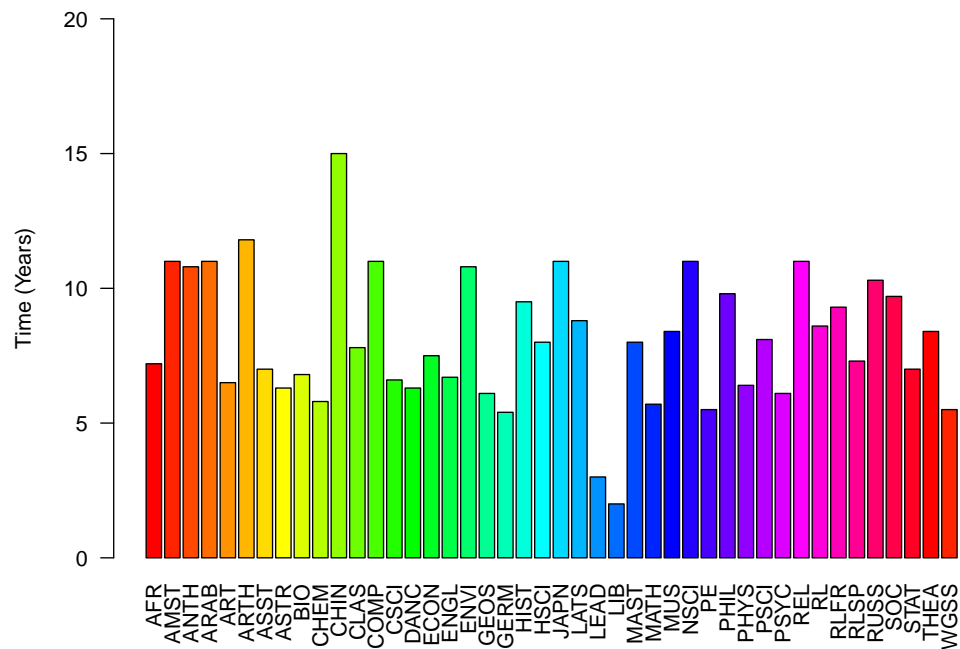
```
## [1] "Avg Time b/w Bachelor's and Terminal Degree by Dept 2009-2010"
##      AFR AMST ANTH ARAB  ART ARTH ASST ASTR  BIO CHEM CHIN
##   NA   7.8 13.0 10.8 11.0   6.2 11.0  9.0  6.3  6.8  5.8 15.0
## CLAS COMP CSCI DANC ECON ENGL ENVI GEOS GERM HIST HSCI JAPN
## 7.8  8.8  6.6  5.5  7.8  7.2   9.7  6.1  4.8  9.6  8.0 13.3
## LATS LEAD  LIB  LING MAST MATH  MUS NSCI  PE  PHIL PHYS PSCI
## 9.0  3.0  5.3  7.0  8.0  5.9   8.5 11.0  6.0  9.3  6.2 10.1
## PSYC  REL   RL  RLFR RLSP RUSS  SOC  STAT  THEA WGSS
## 6.4 11.0  8.6 10.0  9.0 10.3  9.8  9.3  8.4  8.0
```

Average Time Between Bachelor's and Terminal Degree by Department 2010–2011



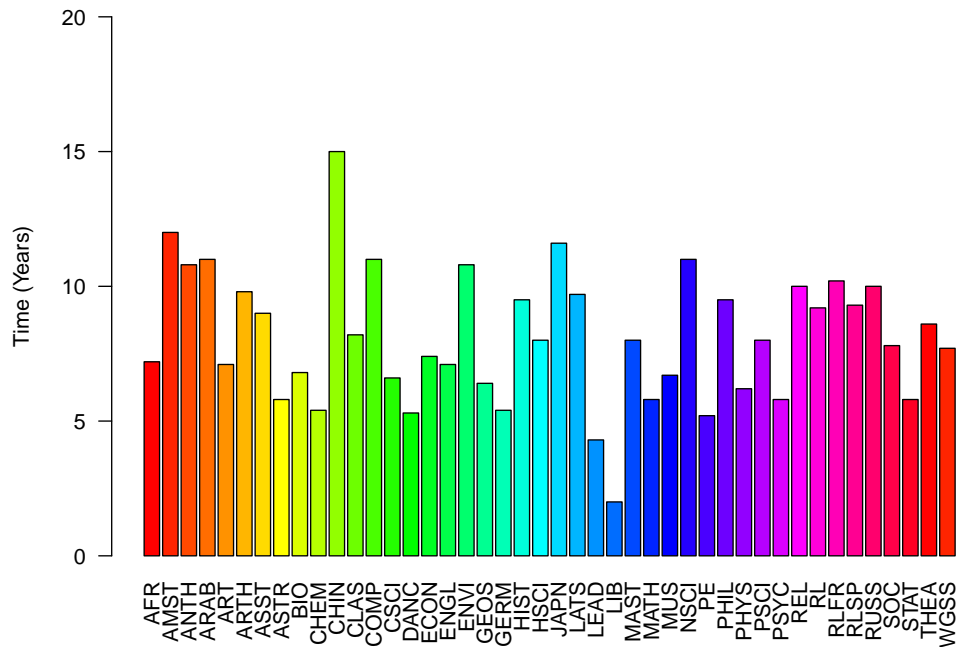
```
## [1] "Avg Time b/w Bachelor's and Terminal Degree by Dept 2010-2011"
##  AFR AMST ANTH ARAB  ART ARTH ASST ASTR  BIO CHEM CHIN CLAS
##  7.8 11.0 10.8 11.0  6.3 11.0  7.0  5.8  6.8  5.8 12.0  7.8
##  COMP CSCI DANC ECON ENGL ENVI GEOS GERM HIST HSCI JAPN LATS
## 11.0  6.6  5.5  7.6  6.8 10.8  6.1  4.8  9.7  8.0 11.2  9.7
##  LEAD  LIB  MAST MATH  MUS NSCI  PE  PHIL  PHYS PSCI PSYC  REL
##  4.3  5.1  8.0  5.9  8.5 11.0  5.9  9.8  6.4  7.6  5.8 11.0
##    RL RLFR RLSP RUSS  SOC STAT THEA WGSS
##  8.6  8.5  7.2 10.3  9.8  9.3  8.4  8.0
```

Average Time Between Bachelor's and Terminal Degree by Department 2011–2012



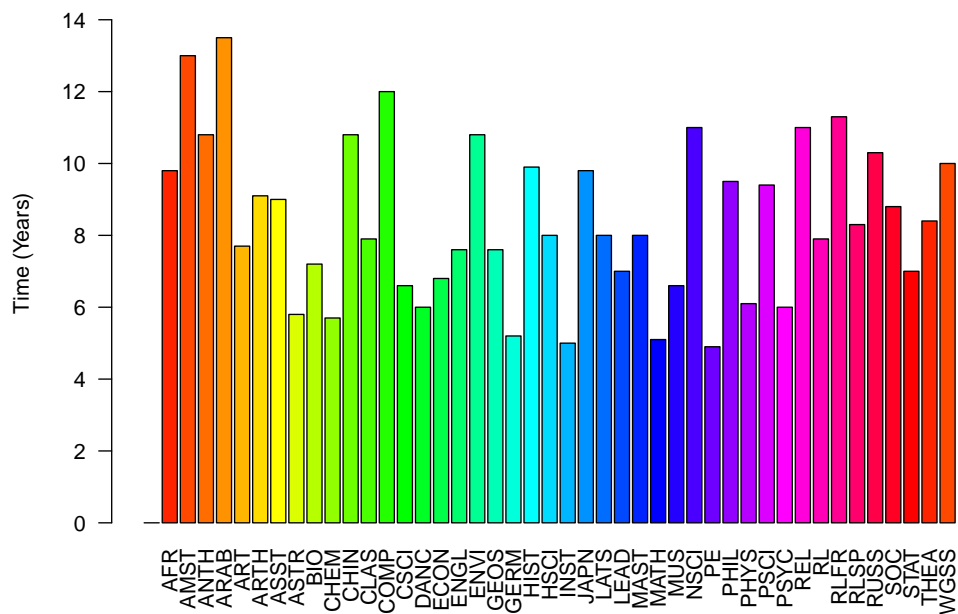
```
## [1] "Avg Time b/w Bachelor's and Terminal Degree by Dept 2011-2012"
##  AFR AMST ANTH ARAB  ART ARTH ASST ASTR  BIO CHEM CHIN CLAS
##  7.2 11.0 10.8 11.0   6.5 11.8  7.0  6.3  6.8  5.8 15.0  7.8
##  COMP CSCI DANC ECON ENGL ENVI GEOS GERM HIST HSCI JAPN LATS
## 11.0  6.6  6.3  7.5   6.7 10.8  6.1  5.4  9.5  8.0 11.0  8.8
##  LEAD  LIB MAST MATH  MUS NSCI   PE  PHIL  PHYS PSCI PSYC  REL
##  3.0  2.0  8.0  5.7   8.4 11.0  5.5  9.8  6.4  8.1  6.1 11.0
##   RL RLFR RLSP RUSS  SOC STAT THEA WGSS
##  8.6  9.3  7.3 10.3  9.7  7.0  8.4  5.5
```

Average Time Between Bachelor's and Terminal Degree by Department 2012–2013



```
## [1] "Avg Time b/w Bachelor's and Terminal Degree by Dept 2012-2013"
##  AFR AMST ANTH ARAB  ART ARTH ASST ASTR  BIO CHEM CHIN CLAS
##  7.2 12.0 10.8 11.0  7.1  9.8  9.0  5.8  6.8  5.4 15.0  8.2
##  COMP CSCI DANC ECON ENGL ENVI GEOS GERM HIST HSCI JAPN LATS
## 11.0  6.6  5.3  7.4  7.1 10.8  6.4  5.4  9.5  8.0 11.6  9.7
##  LEAD  LIB MAST MATH  MUS NSCI  PE  PHIL  PHYS PSCI PSYC  REL
##  4.3  2.0  8.0  5.8  6.7 11.0  5.2  9.5  6.2  8.0  5.8 10.0
##   RL  RLFR RLSP RUSS  SOC STAT THEA WGSS
##  9.2 10.2  9.3 10.0  7.8  5.8  8.6  7.7
```

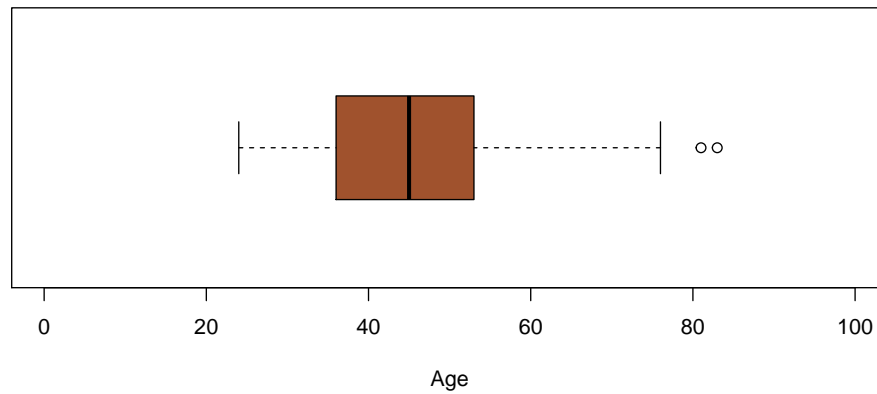

Average Time Between Bachelor's and Terminal Degree by Department 2013–2014



```
## [1] "Avg Time b/w Bachelor's and Terminal Degree by Dept 2013-2014"
##      AFR AMST ANTH ARAB  ART ARTH ASST ASTR  BIO CHEM CHIN
##    0.0  9.8 13.0 10.8 13.5  7.7  9.1  9.0  5.8  7.2  5.7 10.8
## CLAS COMP CSCI DANC ECON ENGL ENVI GEOS GERM HIST HSCI INST
##    7.9 12.0  6.6  6.0  6.8  7.6 10.8  7.6  5.2  9.9  8.0  5.0
## JAPN LATS LEAD MAST MATH  MUS NSCI   PE  PHIL PHYS PSCI PSYC
##    9.8  8.0  7.0  8.0  5.1  6.6 11.0  4.9  9.5  6.1  9.4  6.0
##  REL   RL RLFR RLSP RUSS  SOC STAT THEA WGSS
## 11.0  7.9 11.3  8.3 10.3  8.8  7.0  8.4 10.0
```

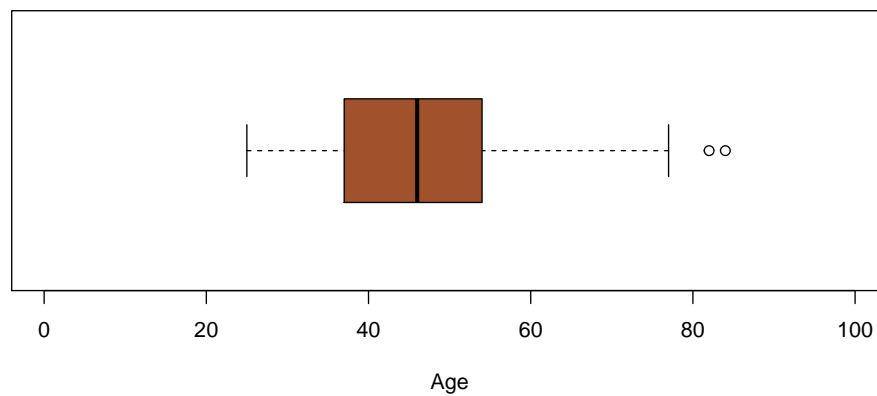
Has the actual, non bin Distribution of Ages changed significantly over the last 10 years with summary stats:

Williams Faculty Age Distribution 2004–2005



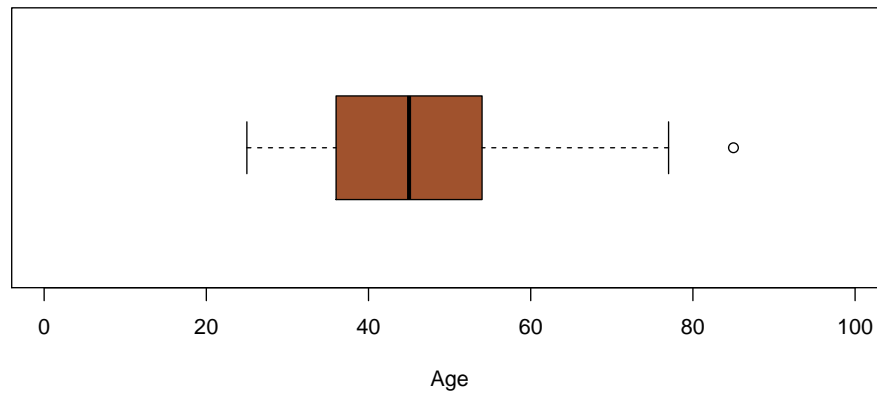
```
## [1] "Summary Statistics with Standard Deviation 2004–2005"
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##      24.00  36.00   45.00   45.05  53.00   83.00
## [1] "Standard Deviation:10.9"
```

Williams Faculty Age Distribution 2005–2006



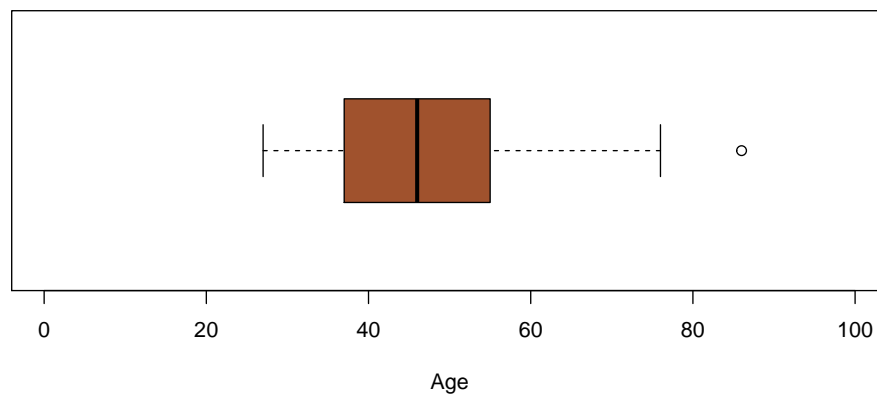
```
## [1] "Summary Statistics with Standard Deviation 2005–2006"
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##      25.00  37.00   46.00   46.03  54.00   84.00
## [1] "Standard Deviation:10.89"
```

Williams Faculty Age Distribution 2006–2007



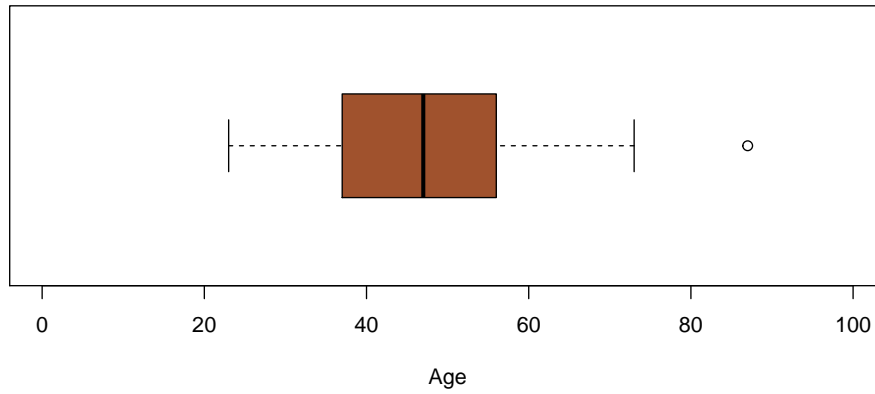
```
## [1] "Summary Statistics with Standard Deviation 2006–2007"
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##      25.00  36.00   45.00   45.75  54.00   85.00
## [1] "Standard Deviation:10.98"
```

Williams Faculty Age Distribution 2007–2008



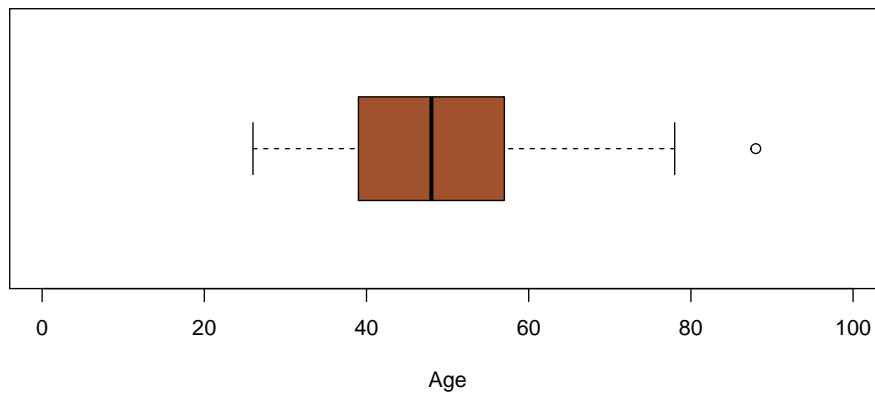
```
## [1] "Summary Statistics with Standard Deviation 2007–2008"
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##      27.00  37.00   46.00   46.53  55.00   86.00
## [1] "Standard Deviation:11.47"
```

Williams Faculty Age Distribution 2008–2009



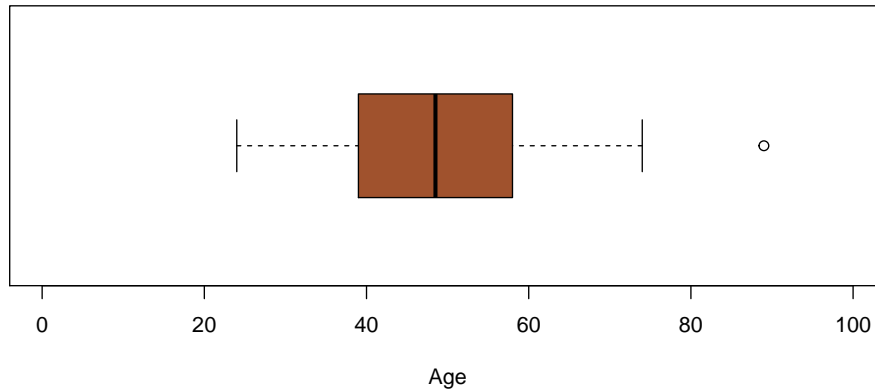
```
## [1] "Summary Statistics with Standard Deviation 2008–2009"
##   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##   23.00  37.00   47.00   46.99  56.00   87.00
## [1] "Standard Deviation:11.71"
```

Williams Faculty Age Distribution 2009–2010



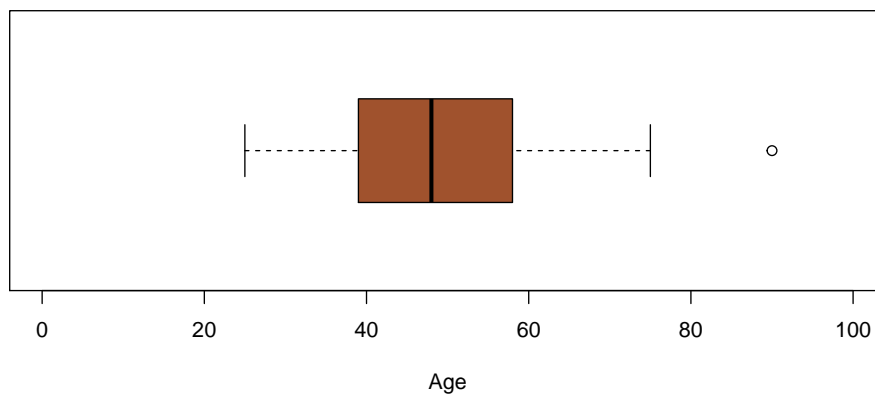
```
## [1] "Summary Statistics with Standard Deviation 2009–2010"
##   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##   26.00  39.00   48.00   48.32  57.00   88.00
## [1] "Standard Deviation:11.3"
```

Williams Faculty Age Distribution 2010–2011



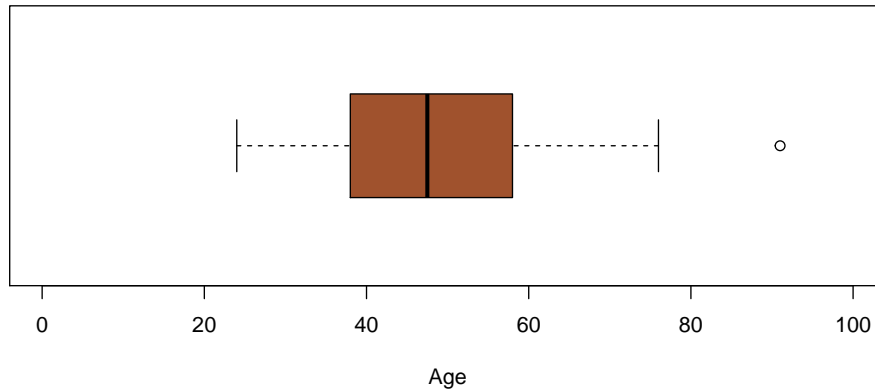
```
## [1] "Summary Statistics with Standard Deviation 2010–2011"
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##      24.00  39.00   48.50   48.67   58.00   89.00
## [1] "Standard Deviation:11.51"
```

Williams Faculty Age Distribution 2011–2012



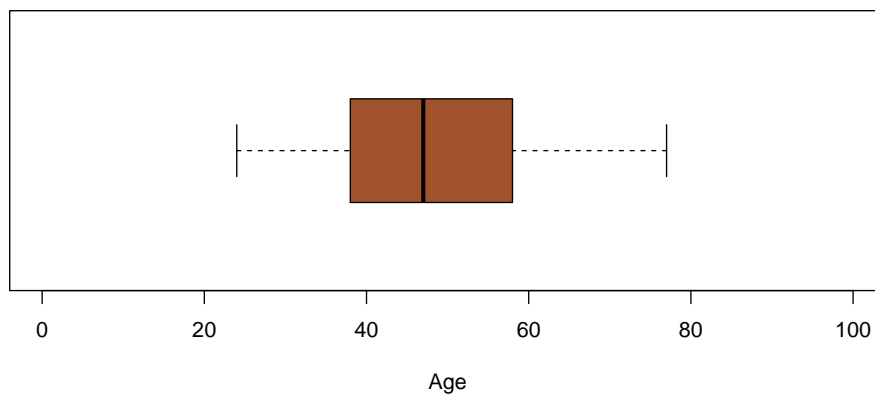
```
## [1] "Summary Statistics with Standard Deviation 2011–2012"
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##      25.00  39.00   48.00   48.72   58.00   90.00
## [1] "Standard Deviation:11.6"
```

Williams Faculty Age Distribution 2012–2013



```
## [1] "Summary Statistics with Standard Deviation 2012–2013"
##   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##   24.00  38.00  47.50   48.19  58.00   91.00
## [1] "Standard Deviation:12.13"
```

Williams Faculty Age Distribution 2013–2014



```
## [1] "Summary Statistics with Standard Deviation 2013–2014"
##   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##   24.00  38.00  47.00   48.08  58.00   77.00
## [1] "Standard Deviation:12.22"
```