Colombia, age 20, starting prev is overall prev,

State

when icc hpv death free

2004 0.004442201 0.1095406 0.1553761 1

2005 0.004745078 0.1091368 0.1609288 1

2006 0.005047956 0.1085310 0.1643614 1

2007 0.005754669 0.1081272 0.1691065 1

2008 0.005855628 0.1077234 0.1729430 1

2009 0.006461383 0.1071176 0.1776880 1

State

when icc hpv

2004 0.04055300 1

2005 0.04347826 1

2006 0.04651163 1

2007 0.05322129 1

2008 0.05435801 1

2009 0.06032045 1



Thailand, Songkhla. 20y. overall prev as starting prev.

State

when icc hpv death free

2007 0.0005586592 0.02122905 0.08547486 1

2008 0.0005586592 0.02122905 0.09441341 1

2009 0.0008379888 0.02094972 0.10418994 1

2010 0.0008379888 0.02067039 0.11256983 1

2011 0.0008379888 0.02067039 0.11983240 1

2012 0.0008379888 0.02039106 0.12765363 1

State

when icc hpv

2007 0.02631579 1

2008 0.02631579 1

2009 0.04000000 1

2010 0.04054054 1

2011 0.04054054 1

2012 0.04109589 1

> pp <- pState( nSt, perm=c(3, 2, 4, 1) ) # perm changes order of states (recalculaes percentages)

> tail( pp )

State

when icc hpv death free

2007 0.001085973 0.1828959 0.2390045 1

2008 0.001085973 0.1818100 0.2419005 1

2009 0.001176471 0.1811765 0.2459729 1

2010 0.001357466 0.1800000 0.2486878 1

2011 0.001447964 0.1790950 0.2534842 1

2012 0.001447964 0.1782805 0.2575566 1

> plot( pp, col = c("darkred", "pink", "darkblue", "lightblue" ))

> pp <- pState( nSt, perm=c(3, 2) ) #cc risk for hpv positive only, given you are not dead

> tail( pp )

State

when icc hpv

2007 0.005937655 1

2008 0.005973121 1

2009 0.006493506 1

2010 0.007541478 1

2011 0.008084891 1

2012 0.008121827 1

