Supplementary Table 8: Joinpoint regression of trends coefficient of variation trends - LAU level

| Country | Sex | CauseCategory | Breakpoint 1 (95% CI) | Breakpoint 2 (95% CI) | Breakpoint 3 (95% CI) | AAPC 1 (%) (95% CI) | AAPC 2 (%) (95% CI) | AAPC 3 (%) (95% CI) | AAPC 4 (%) (95% CI) | AAPC Total (%) (95% CI) | Cumulative change (%) (95% CI) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EST | Men | All | 2005 (2004.2, 2005.1) | 2009 (2008.2, 2009.0) | 2014 (2013.9, 2014.4) | -2.5\* (-2.7, -2.3) | -1.0\* (-1.1, -0.8) | 0.4\* (0.3, 0.5) | 2.5\* (2.4, 2.6) | -0.1\* (-0.1, -0.0) | -1.1\* (-1.7, -0.5) |
| EST | Men | Cancer | 2008 (2007.0, 2009.3) | - | - | -9.0\* (-11.1, -6.9) | 5.6\* (3.3, 8.0) | - | - | -1.6\* (-2.6, -0.7) | -24.6\* (-35.7, -11.6) |
| EST | Men | Cardiovascular | 2003 (2001.3, 2004.7) | 2014 (2013.2, 2014.4) | - | -6.3\* (-9.4, -3.0) | -1.3\* (-1.9, -0.6) | 10.6\* (7.9, 13.2) | - | -0.1 (-0.5, 0.4) | -1.2 (-8.6, 6.8) |
| EST | Men | External | 2008 (2007.3, 2008.4) | 2014 (2013.2, 2014.2) | - | -3.6\* (-4.0, -3.2) | 2.3\* (1.6, 3.0) | 12.8\* (11.1, 14.6) | - | 1.5\* (1.2, 1.7) | 27.9\* (23.4, 32.6) |
| EST | Men | Other | 2009 (2006.5, 2011.5) | - | - | -5.5\* (-6.9, -4.0) | -0.5 (-2.4, 1.6) | - | - | -3.2\* (-3.9, -2.4) | -42.0\* (-49.1, -34.0) |
| EST | Women | All | 2003 (2003.0, 2003.6) | 2008 (2007.1, 2008.2) | 2010 (2010.1, 2010.6) | -0.5\* (-0.6, -0.4) | 1.0\* (0.9, 1.1) | 1.6\* (1.5, 1.8) | 2.6\* (2.6, 2.6) | 1.6\* (1.5, 1.6) | 34.1\* (33.7, 34.5) |
| EST | Women | Cancer | 2004 (2003.2, 2004.1) | 2008 (2007.8, 2008.8) | 2013 (2013.0, 2013.8) | -8.6\* (-9.1, -8.0) | -4.4\* (-4.8, -4.0) | -0.4 (-1.0, 0.1) | 8.2\* (7.0, 9.4) | -1.6\* (-1.8, -1.5) | -24.2\* (-26.1, -22.3) |
| EST | Women | Cardiovascular | 2008 (2007.3, 2009.1) | - | - | -4.5\* (-5.4, -3.6) | 3.0\* (2.1, 3.9) | - | - | -0.7\* (-1.1, -0.4) | -11.6\* (-17.0, -5.9) |
| EST | Women | External | 2004 (2002.9, 2004.3) | 2008 (2007.1, 2007.8) | 2011 (2010.8, 2011.7) | -4.8\* (-5.3, -4.4) | -2.6\* (-3.0, -2.1) | 1.7\* (1.2, 2.1) | 5.6\* (5.3, 5.9) | 0.6\* (0.5, 0.7) | 10.3\* (8.9, 11.7) |
| EST | Women | Other | 2009 (2005.3, 2012.7) | 2015 (2013.4, 2016.0) | - | -8.8\* (-9.7, -8.0) | -4.5 (-9.1, 0.3) | 20.8\* (4.5, 39.7) | - | -3.8\* (-5.0, -2.7) | -48.6\* (-57.8, -37.3) |
| LTU | Men | All | 2013 (2012.5, 2013.9) | 2016 (2014.9, 2016.4) | - | -4.2\* (-5.4, -3.1) | 0.6 (-1.7, 3.0) | 7.5\* (6.8, 8.2) | - | 1.8\* (1.4, 2.1) | 17.2\* (13.5, 21.0) |
| LTU | Men | Cancer | 2013 (2012.9, 2013.9) | 2016 (2015.4, 2017.5) | - | -5.1\* (-6.2, -3.9) | 4.0\* (2.8, 5.2) | 7.7\* (6.5, 9.0) | - | 1.5\* (1.2, 1.8) | 14.4\* (11.0, 17.9) |
| LTU | Men | Cardiovascular | 2013 (2012.5, 2013.8) | 2016 (2014.7, 2016.7) | - | -3.9\* (-4.8, -3.0) | -0.2 (-2.3, 2.0) | 7.0\* (6.3, 7.7) | - | 1.9\* (1.7, 2.2) | 18.8\* (15.9, 21.8) |
| LTU | Men | External | 2013 (2012.5, 2014.1) | 2016 (2014.1, 2017.0) | - | -3.1\* (-4.1, -2.2) | 3.0\* (0.7, 5.3) | 6.4\* (5.3, 7.5) | - | 1.9\* (1.6, 2.3) | 18.9\* (15.3, 22.7) |
| LTU | Men | Other | 2012 (2011.2, 2013.6) | 2015 (2013.5, 2015.6) | 2017 (2014.9, 2018.3) | -3.9\* (-4.7, -3.1) | -0.2 (-1.4, 1.1) | 3.9\* (2.6, 5.1) | 6.2\* (5.4, 7.0) | 1.4\* (1.2, 1.6) | 13.1\* (11.4, 15.0) |
| LTU | Women | All | 2014 (2012.9, 2014.1) | 2016 (2015.8, 2016.9) | - | -8.1\* (-9.2, -6.9) | -1.0 (-2.1, 0.1) | 6.8\* (5.2, 8.3) | - | -1.7\* (-2.1, -1.3) | -14.2\* (-17.2, -11.0) |
| LTU | Women | Cancer | 2014 (2013.2, 2014.1) | - | - | -9.4\* (-12.3, -6.3) | 9.9\* (8.6, 11.3) | - | - | 1.6\* (0.6, 2.6) | 15.7\* (5.8, 26.5) |
| LTU | Women | Cardiovascular | 2013 (2012.2, 2014.1) | 2016 (2014.6, 2016.8) | - | -3.5\* (-4.3, -2.6) | 0.3 (-2.0, 2.6) | 4.7\* (3.8, 5.7) | - | 0.7\* (0.4, 1.0) | 6.3\* (3.4, 9.3) |
| LTU | Women | External | 2012 (2011.9, 2013.0) | 2016 (2014.8, 2016.2) | - | -2.7\* (-3.0, -2.3) | 0.1 (-0.4, 0.6) | 3.0\* (2.5, 3.5) | - | 0.4\* (0.3, 0.6) | 4.0\* (2.9, 5.1) |
| LTU | Women | Other | 2014 (2014.0, 2014.8) | 2016 (2016.0, 2017.0) | - | -17.5\* (-18.6, -16.4) | -5.6\* (-8.1, -3.0) | 5.6\* (4.1, 7.0) | - | -8.8\* (-9.3, -8.3) | -56.5\* (-58.6, -54.3) |
| SVK | Men | All | 2004 (2003.1, 2003.9) | 2008 (2008.0, 2008.9) | 2014 (2013.8, 2014.8) | -1.1\* (-1.3, -0.9) | 0.5\* (0.3, 0.6) | 1.4\* (1.3, 1.5) | 2.4\* (2.2, 2.5) | 0.9\* (0.9, 1.0) | 19.1\* (18.5, 19.8) |
| SVK | Men | Cancer | 2005 (2003.6, 2005.6) | 2008 (2008.0, 2008.8) | 2013 (2012.8, 2013.7) | -2.5\* (-2.8, -2.1) | -1.1\* (-1.4, -0.8) | 1.6\* (1.3, 1.8) | 3.8\* (3.6, 4.1) | 0.7\* (0.6, 0.8) | 14.3\* (12.9, 15.6) |
| SVK | Men | Cardiovascular | 2003 (2003.0, 2003.7) | 2010 (2009.7, 2011.3) | 2015 (2013.5, 2016.0) | -1.2\* (-1.6, -0.9) | 1.4\* (1.3, 1.5) | 2.3\* (2.1, 2.6) | 3.1\* (2.9, 3.3) | 1.5\* (1.5, 1.6) | 33.3\* (32.1, 34.6) |
| SVK | Men | External | 2005 (2003.7, 2005.6) | 2010 (2009.0, 2010.1) | 2014 (2013.7, 2014.8) | -2.3\* (-2.6, -1.9) | -0.8\* (-1.0, -0.5) | 1.1\* (0.9, 1.3) | 3.4\* (3.0, 3.7) | 0.3\* (0.3, 0.4) | 6.5\* (5.1, 7.9) |
| SVK | Men | Other | 2007 (2006.2, 2007.2) | 2011 (2010.2, 2011.1) | 2014 (2014.1, 2015.0) | -3.4\* (-3.5, -3.2) | -1.6\* (-1.9, -1.4) | 0.7\* (0.4, 1.0) | 3.1\* (2.9, 3.4) | -0.7\* (-0.7, -0.7) | -12.5\* (-13.2, -11.7) |
| SVK | Women | All | 2003 (2002.9, 2003.8) | 2008 (2007.0, 2008.2) | 2014 (2013.7, 2015.0) | -1.6\* (-1.9, -1.3) | 0.3\* (0.1, 0.6) | 1.4\* (1.3, 1.4) | 2.5\* (2.3, 2.7) | 0.9\* (0.9, 0.9) | 18.4\* (17.5, 19.4) |
| SVK | Women | Cancer | 2006 (2004.8, 2006.5) | 2010 (2009.2, 2010.1) | 2014 (2013.7, 2014.8) | -4.1\* (-4.4, -3.8) | -2.1\* (-2.6, -1.6) | 1.1\* (0.8, 1.5) | 4.0\* (3.5, 4.4) | -0.4\* (-0.5, -0.3) | -7.8\* (-9.2, -6.4) |
| SVK | Women | Cardiovascular | 2004 (2003.3, 2004.1) | 2014 (2012.8, 2016.0) | - | -2.7\* (-3.2, -2.1) | 1.8\* (1.7, 1.9) | 2.6\* (2.3, 3.0) | - | 1.1\* (1.1, 1.2) | 23.9\* (22.0, 25.8) |
| SVK | Women | External | 2004 (2003.8, 2004.9) | 2008 (2007.7, 2009.1) | 2013 (2012.1, 2013.2) | -7.5\* (-8.1, -6.9) | -3.5\* (-4.1, -3.0) | -0.7\* (-1.3, -0.1) | 3.6\* (3.0, 4.1) | -1.5\* (-1.7, -1.4) | -25.3\* (-27.5, -23.0) |
| SVK | Women | Other | 2005 (2003.7, 2005.9) | 2010 (2009.2, 2010.4) | 2014 (2014.1, 2014.8) | -2.5\* (-2.8, -2.1) | -1.3\* (-1.5, -1.0) | 0.4\* (0.2, 0.6) | 3.6\* (3.4, 4.0) | -0.0 (-0.1, 0.0) | -0.4 (-1.7, 0.8) |