

Chapter 6

DISPARITIES WITHIN EU 27

As mentioned in the previous chapter time matrices for all four HD groups and the respective matrices of S-time-step are too large to be adequately presented in the book format. Therefore we have chosen to use the HDI results for EU27 countries to show how the time matrix format can be used for a group of countries which is smaller than the HD groups in UNDP Report.

Figure 14 shows the results for the period 1980-2012 with the range of HDI between 0.70 and 0.92, which is very similar to the time matrix for the VHHD group, only Norway, Australia, and the United States went beyond 0.92. In the EU27 time matrix three countries had at the beginning of the period values lower than 0.70, which were left out in Figure 14 to make it smaller.

HDI level	0.70	0.71	0.72	0.73	0.74	0.75	0.76	0.77	0.78	0.79	0.80	0.81	0.82	0.83	0.84	0.85	0.86	0.87	0.88	0.89	0.90	0.91	0.92
Netherlands											1980	1983	1985	1987	1990	1992	1994	1996	1998	2000	2005	2007	2011
Germany				1980	1982	1983	1985	1986	1988	1990	1991	1993	1994	1996	1997	1999	2000	2002	2003	2005	2008	2012	
Ireland				1981	1983	1985	1987	1989	1991	1992	1993	1994	1995	1997	1998	1999	2000	2002	2004	2006			
Sweden											1983	1986	1989	1991	1992	1993	1995	1996	1997	1998	2000	2010	
Denmark									1980	1984	1988	1991	1993	1995	1996	1998	2000	2002	2004	2011			
Belgium						1981	1983	1985	1987	1989	1990	1992	1993	1995	1996	1998	1999	2007					
Austria				1981	1983	1985	1987	1989	1991	1993	1995	1996	1998	2001	2003	2005	2007	2010					
France			1980	1982	1984	1986	1988	1989	1991	1992	1994	1995	1997	1998	2000	2001	2004	2006	2010				
Slovenia																2001	2003	2004	2006	2009			
Finland							1981	1984	1987	1990	1992	1994	1997	1999	2001	2002	2003	2005	2010				
Spain	1980	1982	1984	1986	1987	1989	1990	1992	1993	1994	1995	1996	1997	1998	1999	2001	2004	2006	2009				
Italy			1981	1984	1986	1988	1990	1991	1993	1995	1996	1998	2000	2001	2002	2004	2005	2010					
UK				1981	1983	1986	1989	1991	1993	1995	1996	1998	2000	2002	2004	2008							
Luxembourg			1981	1982	1984	1986	1987	1989	1991	1992	1994	1995	1997	1998	2000	2009							
Czech Rep.															2001	2002	2003	2005	2009				
Greece			1981	1983	1985	1987	1990	1992	1995	1997	2000	2001	2002	2003	2004	2012							
Cyprus			1981	1982	1984	1985	1987	1989	1990	1994	1997	2001	2006	2007	2009								
Malta			1982	1984	1986	1988	1991	1993	1995	1998	2000	2002	2004	2007	2010								
Estonia			1990	1992	1994	1996	1997	1999	2000	2002	2003	2004	2005	2010									
Slovakia					1992	1995	1998	2001	2003	2004	2006	2007	2012										
Hungary		1982	1991	1992	1993	1995	1996	1997	1999	2000	2002	2003	2005	2011									
Poland															2001	2003	2006	2008	2012				
Lithuania				1993	1998	2000	2002	2003	2004	2005	2010												
Portugal	1988	1989	1991	1992	1994	1995	1997	1998	2000	2003	2006	2008											
Latvia	1990	1993	1995	1998	2000	2001	2002	2003	2004	2005	2006	2011											
Romania		2000	2001	2002	2003	2004	2006	2007	2008														
Bulgaria	1989	1994	1999	2001	2003	2004	2006	2008	2011														

FIGURE 14 Time matrix for HDI for EU27 countries (1980-2012)

SOURCE: Own calculations based on data from Human Development Report 2013, UNDP (2013a).

As indicated in the analysis in Chapter 5 for the four HD groups the disparities in Human Development Index are also large within EU27 countries. The largest difference is between Netherlands and Bulgaria, the absolute difference in HDI is 0.139, in percentage terms Bulgaria