



## Contents

	Page
An introduction to the Time Use statistics: a high social importance even at a European level .....	11
<b>1. Gender differences in time use patterns over time .....</b>	<b>27</b>
1.1 - Introduction.....	27
1.2 - The 24 hours organisation .....	28
1.3 - The main changes between the two surveys .....	31
<i>1.3.1 - Time spent on personal care activities .....</i>	<i>31</i>
<i>1.3.2 - Time for studying increased among young people...</i>	<i>33</i>
<i>1.3.3 - The gender differences persist in time devoted to paid work.....</i>	<i>34</i>
<i>1.3.4 - The time dedicated to domestic work drops among women and rises among men.....</i>	<i>37</i>
<i>1.3.5 - The internal composition of the domestic work is changing: time for childcare is on the increase for both men and women.....</i>	<i>40</i>
<i>1.3.6 - The total work time.....</i>	<i>42</i>
<i>1.3.7 - Time for daily trips is on the increase for everybody.....</i>	<i>44</i>
<i>1.3.8 - The huge box of free time .....</i>	<i>47</i>
1.4 - An always more diversified daily life.....	50

	Page
1.5 - A multivariate approach for analysing the changes .....	52
1.6 - Final remarks .....	56
References .....	73
<b>2. The boundaries of working time .....</b>	<b>75</b>
2.1 - Desynchronization and permeability of working time?.....	75
2.2 - Patterns in the distribution of working time across the work day .....	78
2.2.1 - <i>The distribution of working time according to socio-demographic characteristics</i> .....	79
2.2.2 - <i>The distribution of working time according to socio-professional characteristics</i> .....	88
2.3 - When the boundaries blur: out-of-hours work .....	97
2.4 - Out-of-hours work and time budgets.....	112
References .....	115
<b>3. Time sequence analysis of activities as well as space and social context in large urban centres .....</b>	<b>117</b>
3.1 - The social nature of time .....	117
3.2 - Characteristics of data analysed.....	122
3.3 - Time use summary indexes: average time and variability of time devoted to activities in a weekday and in a weekend day .....	123
3.4 - The daily collective rhythm - weekdays and weekend days - of some activities: specific empirical models of time use ..	126
3.5 - Overall daily rhythm, both in weekdays and weekend days, in the performance of all daily activities: empirical models of time use .....	134
3.6 - Daily rhythm of partner activities and a comparison with 1988-1989 data.....	142
3.6.1 - <i>Diachrony and synchrony in daily time use through the combined analysis of individual time sequences of specific social groups: an overview....</i>	148
3.7 - The space context of time use: the frequency of population in the different places at different times of a weekday and a weekend day.....	150

	Page
3.8 - The social framework of time use: frequency of population according to different types of social relations at different hours of a weekday and a weekend day.....	155
3.9 - Conclusions .....	159
References .....	160
<b>4. Children's time .....</b>	<b>163</b>
4.1 - Why a phenomenology of children's time.....	163
4.1.1 - <i>Time Use surveys and Childhood Sociology</i> .....	163
4.1.2 - <i>The everyday life of children: an interesting field for sociological studies</i> .....	166
4.2 - Main factors of variability in children's use of time .....	169
4.2.1 - <i>Dependent variables</i> .....	171
4.2.2 - <i>How much do territorial factors matter?</i> .....	172
4.2.3 - <i>The weak effect of parent's education</i> .....	179
4.2.4 - <i>Parents' work hours</i> .....	182
4.2.5 - <i>Do social classes still matter?</i> .....	183
4.2.6 - <i>"Social" age and gender: two crucial factors</i> .....	185
4.3 - Utility of time use surveys in studying Childhood.....	190
4.3.1 - <i>The analytical potential</i> .....	190
4.3.2 - <i>The time-use tool: development perspectives</i> .....	193
References .....	196
<b>5. Division and sharing in daily life of families with a young child .....</b>	<b>199</b>
5.1 - Households with young children in Italy.....	201
5.1.1 - <i>The parents of young children</i> .....	203
5.1.2 - <i>Comparison with non parents</i> .....	206
5.1.3 - <i>Young children and child care and education services</i> .....	208
5.1.4 - <i>Households with young children</i> .....	209
5.2 - The use of time in families with young children.....	210
5.2.1 - <i>Contribution by fathers and mothers to family life</i> .....	210
5.3 - Variability of commitment to the family life .....	214
5.3.1 - <i>Variability in the couple's use of time</i> .....	215
5.3.2 - <i>Variability of the use of time by fathers and mothers</i> .....	216

	Page
5.4 - Care activities in the daily life of fathers and mothers .....	218
5.5 - Sharing care between father and mother .....	223
5.5.1 - <i>Time shared by the two parents at home</i> .....	224
5.5.2 - <i>Days shared by the parents</i> .....	225
5.6 - Conclusions.....	231
References .....	234
<b>6. Analysis of diaries through methods of textual statistics and tools of text mining</b> .....	<b>237</b>
6.1 - Aims and objectives of the analysis .....	237
6.2 - Lexicometric measures on the corpus of diaries .....	239
6.3 - Lexical analysis.....	241
6.4 - Textual analysis: study of some concepts and relative information extraction .....	243
6.5 - “Actor” entities in the daily activities.....	246
6.6 - Actions as entities: types of activity .....	250
6.6.1 - <i>Relational activities</i> .....	250
6.6.2 - <i>Joint activities</i> .....	257
6.7 - A model for the construction of a dictionary of locutions indicating place .....	259
6.7.1 - <i>Construction of the model</i> .....	259
6.7.2 - <i>Analysis of content</i> .....	263
6.8 - Concluding remarks .....	268
References .....	269
<b>7. Main innovations in the coding and correction process in the Time Use survey 2002-2003</b> .....	<b>271</b>
7.1 - Introduction .....	271
7.2 - Coding of the textual data of the daily diary.....	272
7.2.1 - <i>The assisted coding system of the daily diary</i> .....	275
7.2.2 - <i>Assisted coding instruments</i> .....	276
7.3 - Data control and correction process of the daily diary .....	279
7.3.1 - <i>The process phases</i> .....	279
7.3.2 - <i>Identification of the errors and editino of the rules</i> .	281
7.3.3 - <i>Manual correction</i> .....	283
7.4 - Control and correction process of the weekly diary.....	285
7.4.1 - <i>The automatic correction</i> .....	286

	Page
7.4.2 - <i>Comparison of the working times: the “hour window” of the daily diary</i> .....	287
7.4.3 - <i>Beyond the check plan: an example of wrong compilation of the weekly diary’s hour scheme due to indication of “wrong” working intervals</i> .....	288
7.5 - Correction of the quantitative variables of the individual and household questionnaire .....	289
7.5.1 - <i>Combination of correction methods</i> .....	290
7.5.2 - <i>Implementation of the corrections</i> .....	290
7.5.3 - <i>Control procedure</i> .....	291
7.6 - Conclusion .....	292
References .....	293
<b>8. Time Use and Labour Force: a proposal to integrate the data through statistical matching</b> .....	<b>297</b>
8.1 Introduction .....	297
8.2 Time use survey and Labour force survey .....	299
8.2.1 - <i>The time use survey</i> .....	299
8.2.2 - <i>The labour force survey</i> .....	301
8.3 Data control and correction process of the daily diary .....	301
8.3.1 - <i>Partecipation in the labour market, working times and life times</i> .....	304
8.3.2 - <i>Strategies to collect integrated information</i> .....	305
8.4 Statistical matching techniques .....	305
8.4.1 - <i>Statistical matching an introduction</i> .....	305
8.4.2 - <i>Statistical matching techniques</i> .....	307
8.4.3 - <i>The conditional independence assumption</i> .....	308
8.4.4 - <i>Possible extensions</i> .....	310
8.5 Some preliminary results .....	312
8.5.1 - <i>The data</i> .....	312
8.5.2 - <i>The matching technique used</i> .....	315
8.5.3 - <i>Some results</i> .....	316
8.6 Concluding remarks .....	320
References .....	321