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Disability free life expectancies in France

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Disability-free life expectancy in France

- Two estimations based on the national household health surveys (1980 & 1991)

- Favorable trends over the 90's

Disability free life expectancy in France at birth, 1981 and 1991

	Men			Women		
	1981	1991	Trends	1981	1991	Trends
Total Life Expectancy	70,4	72,9	+ 2,5	78,6	81,1	+ 2,5
DFLE (any severity)	60,8	63,8	+ 3,0	65,9	68,5	+ 2,5
LE with Severe disab	1,5	1,2	- 0,3	2,3	2,3	--
LE with Moderate disab	8,1	7,9	-0,2	10,4	10,3	-0,1

Disability-free life expectancy in France in 2002

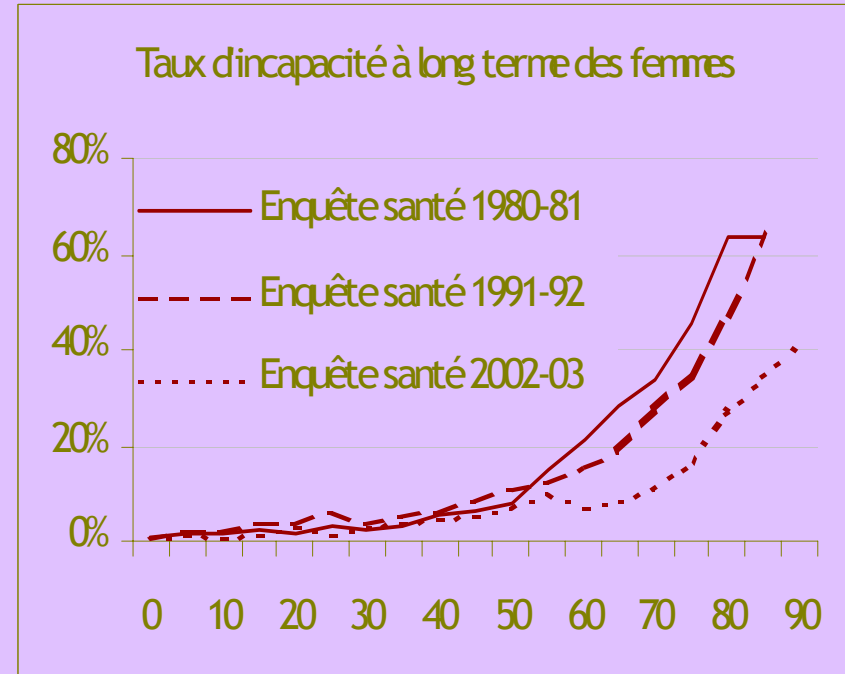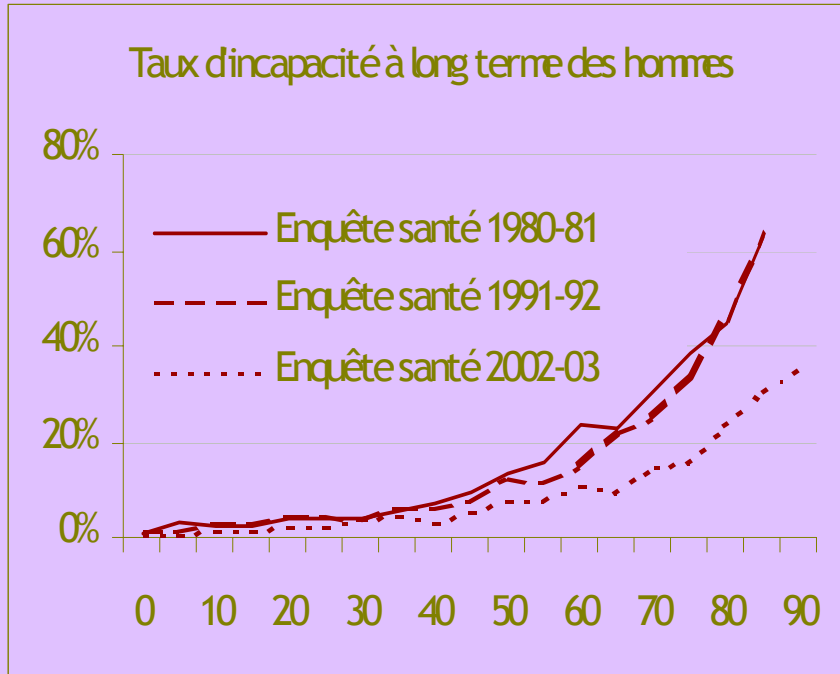- **New opportunity with the 2002 survey ! The same single Q**

> Does someone in the household being **disabled** or simply having **some difficulties** or **being hampered** in daily life ?
>
> *(do not consider accute handicaps or difficulties...)*
>
> 1 Yes   2 No

- **New calculations and analysis of the 2002 disability question**

- **but new survey design...**

- Household based interview to individual interview

- Disability question **moved** just after the household description being now the **first health question** + deals with "be disabled" while it **was at the very end** of the survey in previous editions

Disability in the health survey 2002-2003 in France

Taux d'incapacité à long terme des hommes
- Enquête santé 1980-81
- Enquête santé 1991-92
- Enquête santé 2002-03

Taux d'incapacité à long terme des femmes
- Enquête santé 1980-81
- Enquête santé 1991-92
- Enquête santé 2002-03

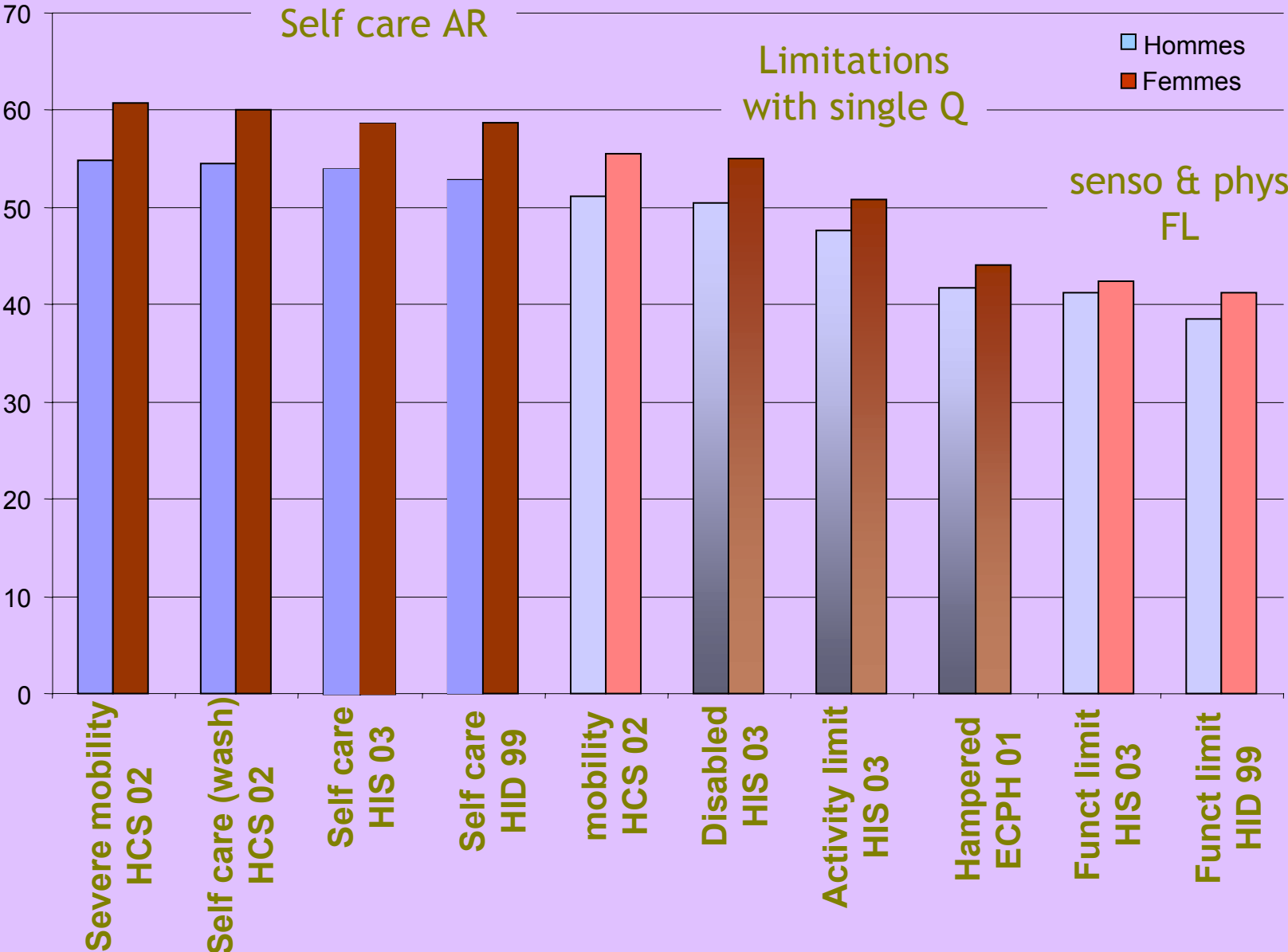# Disability-free life expectancy in France in 2002

- **Other disability indicators in the health survey HIS**
  - ✓ Long term activity limitation (Single Q)
  - ✓ Sensory and physical functional limitations
  - ✓ Self-care activity restrictions

- **Other data sources (household surveys) around year 2000**
  - ✓ *French disability survey* (**HID**), 1999:
    - Sensory and physical functional limitations
    - Self care activity restrictions
  - ✓ *Survey on social protection and health consumption* (**HCS**), 2002
    - mobility difficulty (severe + moderate)
    - Self care activity restriction (difficulty to wash face and hands)
  - ✓ *European household panel*, **ECPH**, 2001
    - being hampered in daily life due to disease or disability (Single Q)

- **Chronological series**
  - ✓ HIS / HCS / ECPH
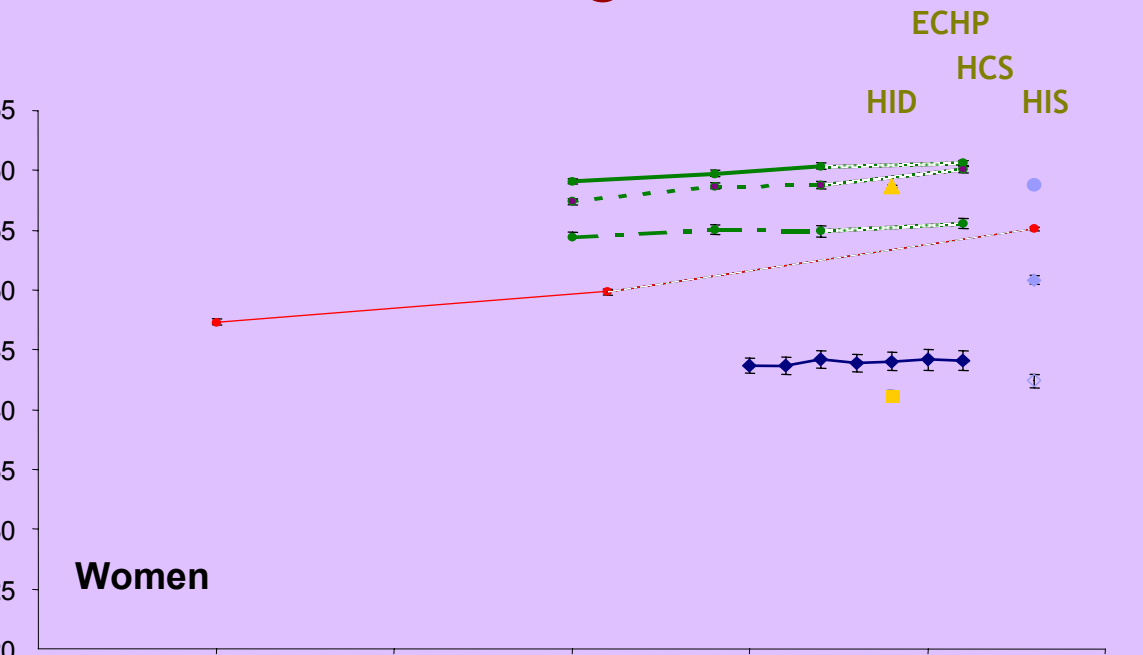
DFLE estimates in the HIS, 2002-2003

Men	At birth	At age 20	At Age 65
Total life expectancy	75,9	56,6	17,1
Life expectancy without :			
- Personal care activity restrictions	-	54,0 (96%)	14,8 (87%)
- Being hampered in daily life due to disease or disability	69,3 (91%)	50,5 (89%)	13,5 (79%)
- Long term activity limitations	-	47,7 (84%)	11,7 (69%)
- Sensory and physical functional limitations	-	41,2 (73%)	6,8 (40%)
Women	At birth	At age 20	At Age 65
Total life expectancy	83,2	63,7	21,5
Life expectancy without :			
- Personal care activity restrictions	-	58,8 (92%)	17,1 (80%)
- Being hampered in daily life due to disease or disability	74,2 (89%)	55,1 (87%)	16,1 (75%)
- Long term activity limitations	-	50,9 (80%)	13,1 (61%)
- Sensory and physical functional limitations	-	42,4 (67%)	6,9 (32%)

- Various disability dimensions: from 96% to 73% for males / 92% to 67% for females
- Functional limitations are less compressed at the end of life
- Male/female differences in %DFLE more stressed with moderate disability

DFLE estimates at age 20, around year 2000

Self care AR

Limitations with single Q

senso & phys FL

Legend:
- Hommes (light blue)
- Femmes (dark red/orange)

X-axis categories:
- Severe mobility HCS 02
- Self care (wash) HCS 02
- Self care HIS 03
- Self care HID 99
- mobility HCS 02
- Disabled HIS 03
- Activity limit HIS 03
- Hampered ECPH 01
- Funct limit HIS 03
- Funct limit HID 99

Trends in DFLE at age 20
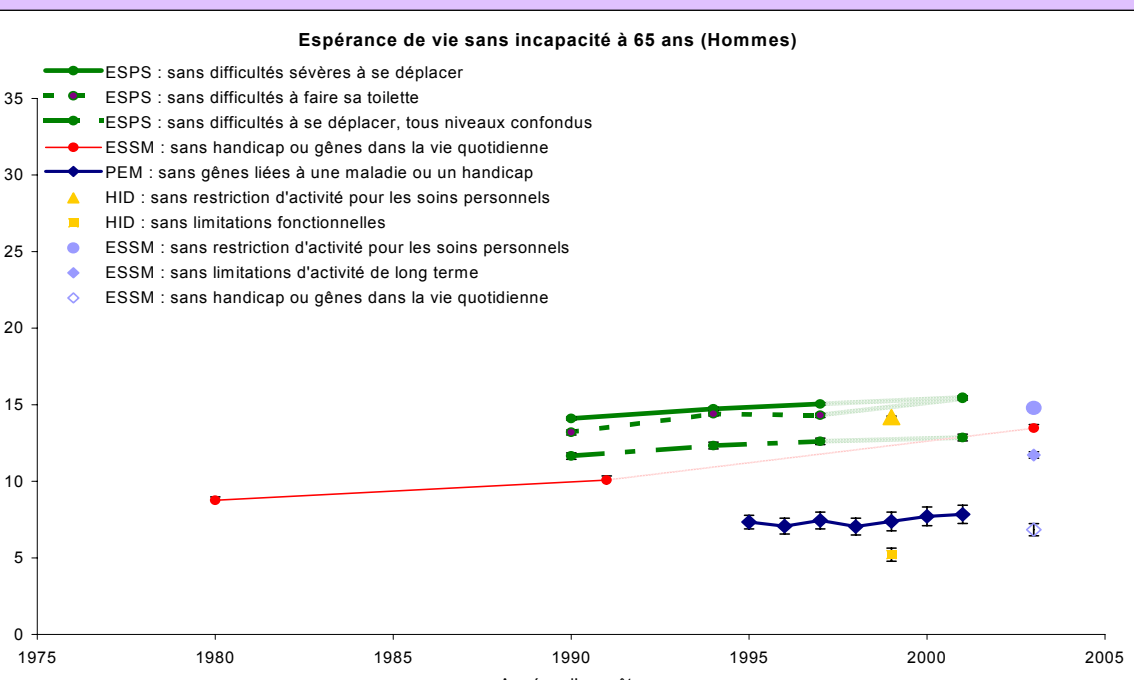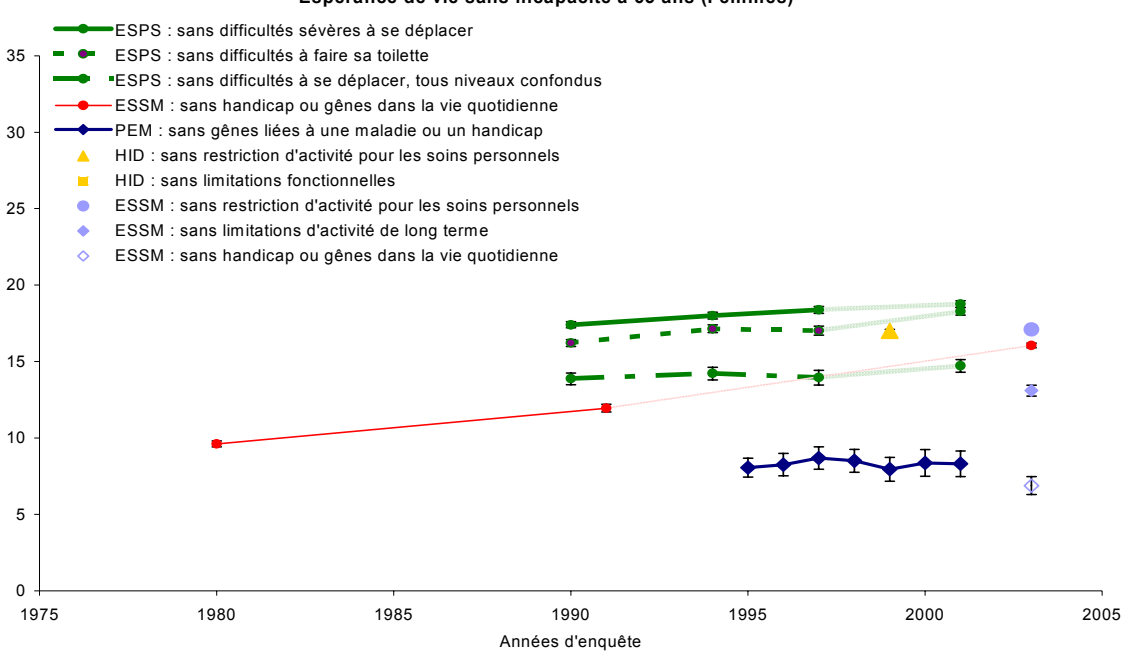

ECHP
HCS
HID   HIS

Women

Men

- Massive increase with the HIS single Q "disabled"

- Almost no years gained with ECH

- Steeper increase for severe disability indicators
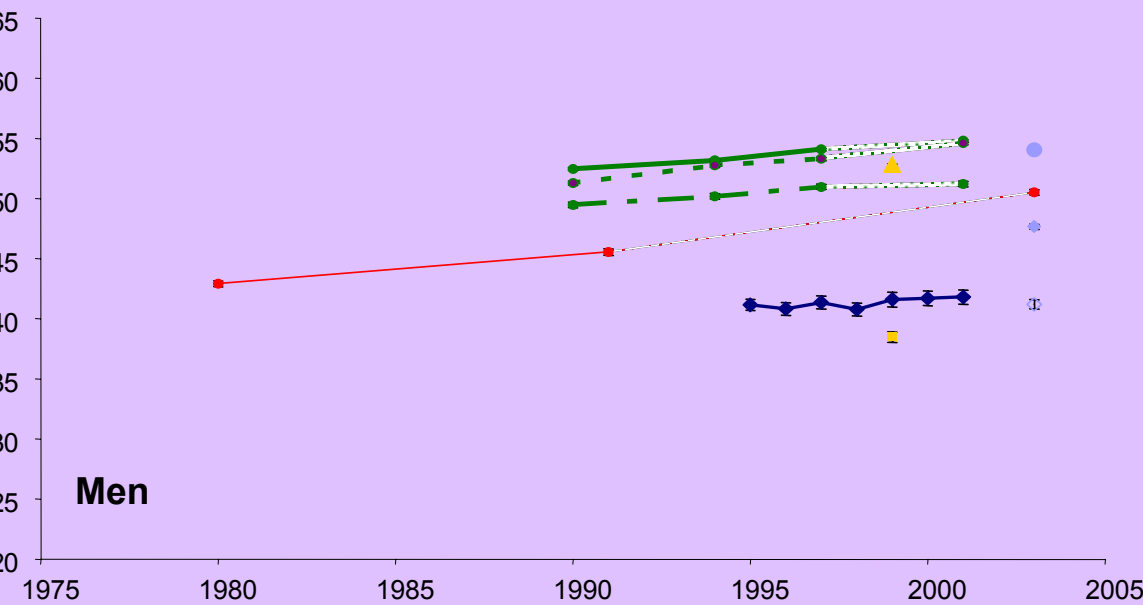
- HIS single Q at the level of FL... in 2003 at the level of severe AF

Espérance de vie sans incapacité à 65 ans (Femmes)

ESPS : sans difficultés sévères à se déplacer
ESPS : sans difficultés à faire sa toilette
ESPS : sans difficultés à se déplacer, tous niveaux confondus
ESSM : sans handicap ou gênes dans la vie quotidienne
PEM : sans gênes liées à une maladie ou un handicap
HID : sans restriction d'activité pour les soins personnels
HID : sans limitations fonctionnelles
ESSM : sans restriction d'activité pour les soins personnels
ESSM : sans limitations d'activité de long terme
ESSM : sans handicap ou gênes dans la vie quotidienne

Années d'enquête

Trends in DFLE at age 65

Espérance de vie sans incapacité à 65 ans (Hommes)

ESPS : sans difficultés sévères à se déplacer
ESPS : sans difficultés à faire sa toilette
ESPS : sans difficultés à se déplacer, tous niveaux confondus
ESSM : sans handicap ou gênes dans la vie quotidienne
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HID : sans limitations fonctionnelles
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ESSM : sans limitations d'activité de long terme
ESSM : sans handicap ou gênes dans la vie quotidienne

Limitations due to data

- Uncertainty with observed trends esp. for HIS… over-setimated!

✓ no differences between men and women
✓ reported by severely restricted persons, who have benefits…

✓ rapid decrease: not congruent with international trends / previous decade
✓ change in the relationship with AR and FL (more specific, less sensible)
✓ impact of moving the Q and changing survey design

Conclusions

- Usual patterns: differences men/women, FL more common and more spread over life

- Increasing DFLE, especially for the most severe indicators but over-estimated

- Trends depend on the dimension under consideration
  - ✓ the nature of disability (FL, AR, both…)
  - ✓ the way to mesure it (survey design, Q wording…)

- But closeness of conclusions for similar dimensions

- Need for diversity to get a better picture

- Need for several chronological series to monitor overall trends