



## P08 - Feasibility and results of the EuroQol 5 dimension quality of life questionnaire among HIV-positive individuals at an outpatient clinic

S.Popping<sup>1</sup>, B.E.Nichols<sup>1</sup>, D.A.M.C. van de Vijver<sup>1</sup>, C.A.B.Boucher<sup>1</sup>, A.Verbon<sup>2</sup>

S.Popping@erasmusmc.nl

1. Department of Viroscience, Erasmus MC, The Netherlands

2. Department of Medical Microbiology and Infectious Diseases, Erasmus MC, The Netherlands

This project received support from: Boehringer, Gilead Sciences, Janssen, Merck and ViiV

### Introduction

- Quality adjusted life years (QALYs) are key in cost-effectiveness analysis
- QALYs are outdated in literature
- Aim: to determine the feasibility of the EQ5D-5L
- Measuring compliance and quality of life

Under each heading, please check the ONE box that best describes your health TODAY.

**MOBILITY**

I have no problems walking

I have slight problems walking

I have moderate problems walking

I have severe problems walking

I am unable to walk

**SELF-CARE**

I have no problems washing or dressing myself

I have slight problems washing or dressing myself

I have moderate problems washing or dressing myself

I have severe problems washing or dressing myself

I am unable to wash or dress myself

**USUAL ACTIVITIES** (e.g. work, study, housework, family or leisure activities)

I have no problems doing my usual activities

I have slight problems doing my usual activities

I have moderate problems doing my usual activities

I have severe problems doing my usual activities

I am unable to do my usual activities

**PAIN / DISCOMFORT**

I have no pain or discomfort

I have slight pain or discomfort

I have moderate pain or discomfort

I have severe pain or discomfort

I have extreme pain or discomfort

**ANXIETY / DEPRESSION**

I am not anxious or depressed

I am slightly anxious or depressed

I am moderately anxious or depressed

I am severely anxious or depressed

I am extremely anxious or depressed

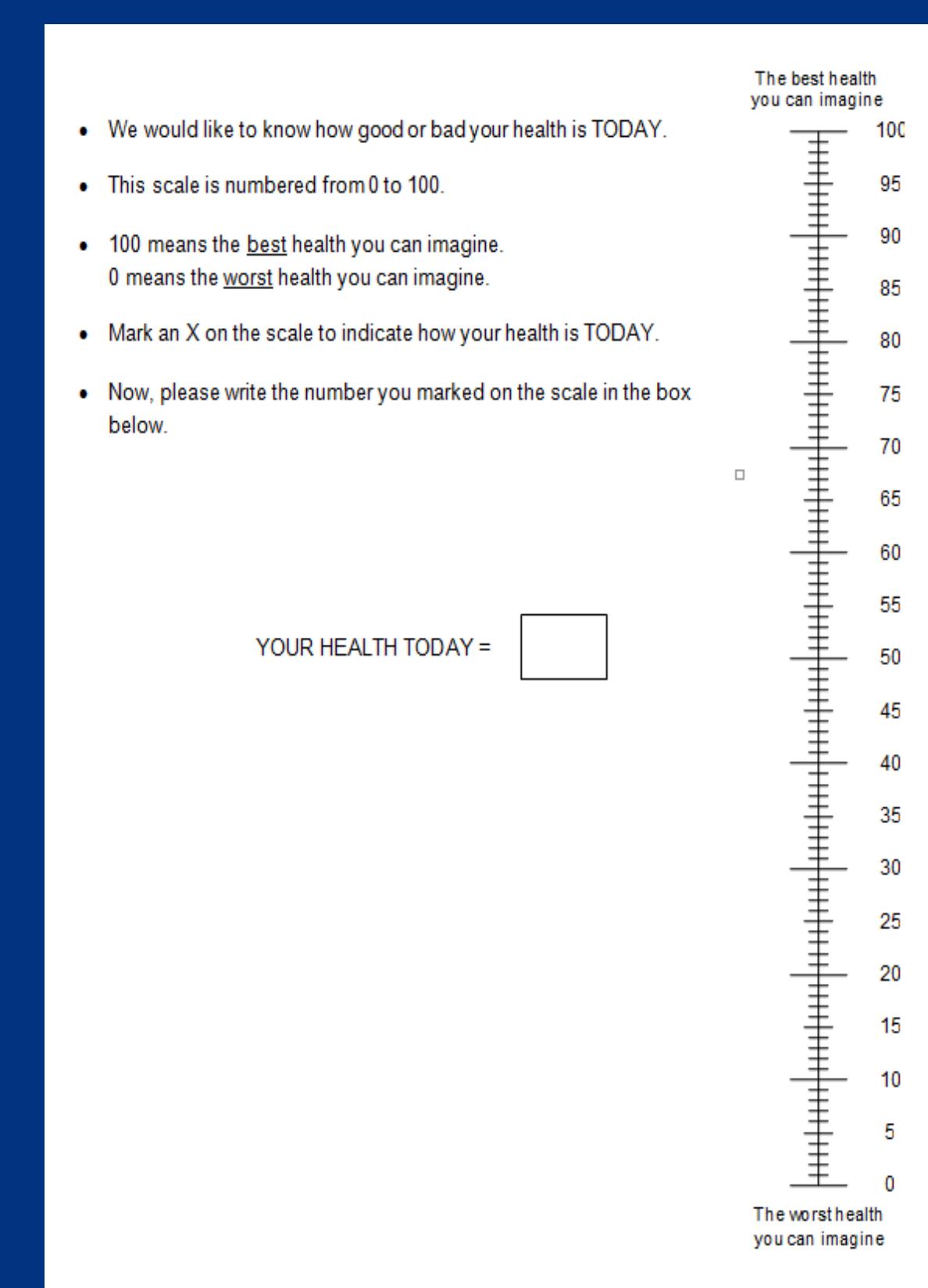


Figure 1

### Methods

- Cross sectional study at Erasmus Medical Center outpatient clinic
- The EQ5D-5L questionnaire ([Figure 1](#))

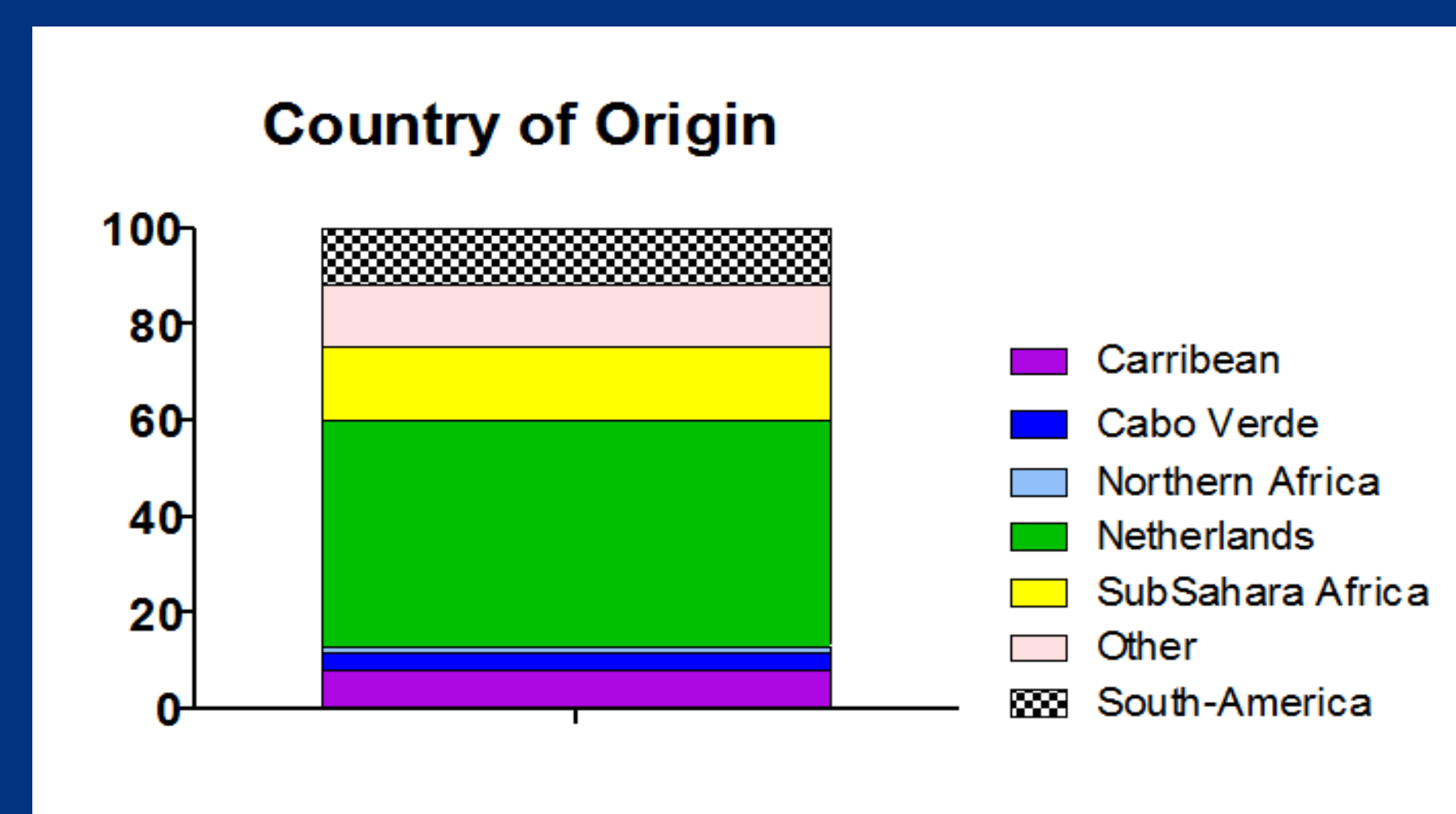


Figure 2:

### Results

- Compliance of 90% among 338 HIV-positive individuals
- Utility score ([Figure 4](#))
- Distribution dimensions ([Figure 4](#))
- Country of Origin ([Figure 2](#))
- Transmission route ([Figure 3](#))

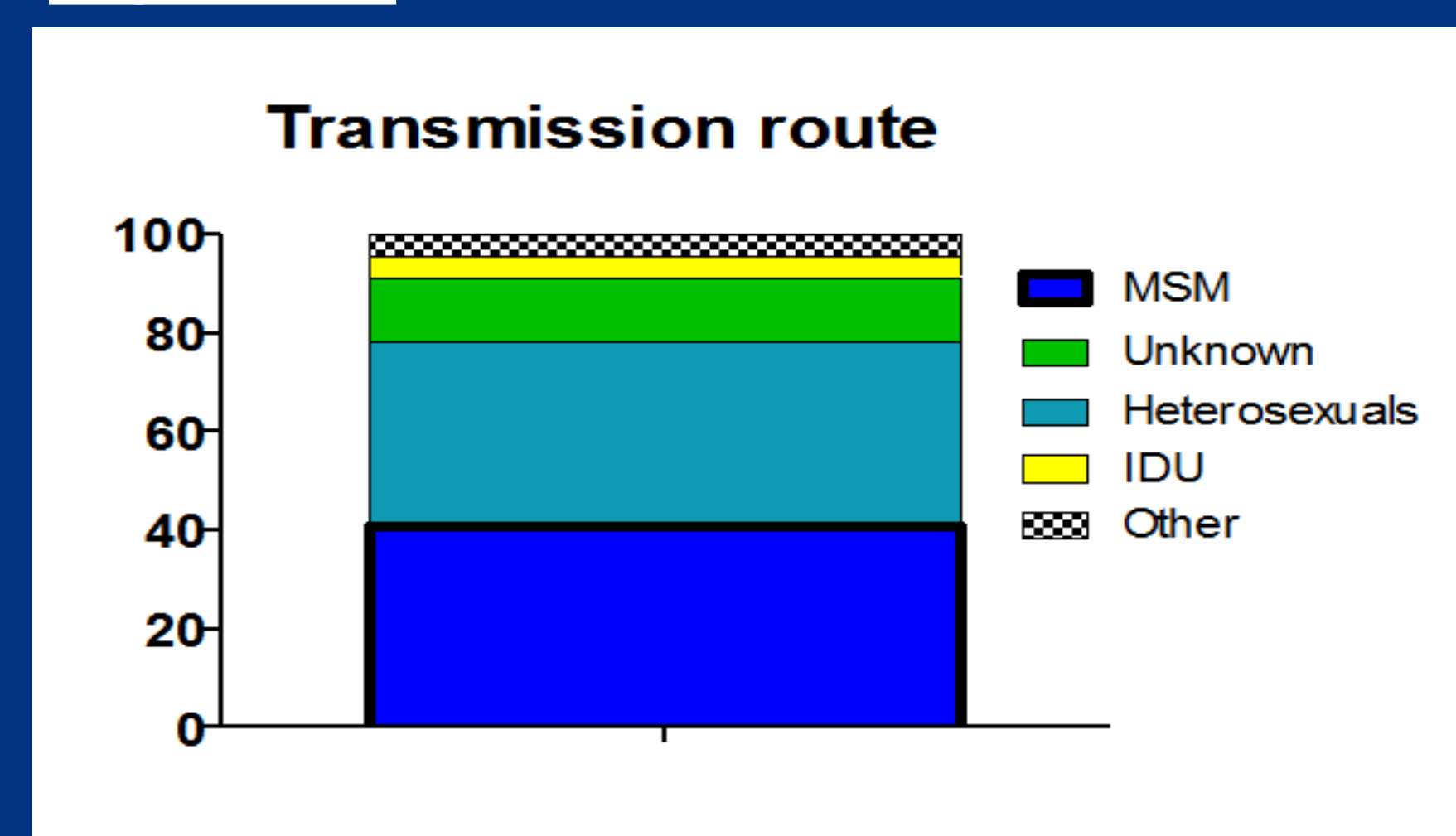


Figure 3:

### Conclusion

- Excellent compliance of the HIV-positive individuals filled out the EQ5D, which consist of 50% patients of non-Dutch origin.
- HIV-infected individuals have a health-related utility score comparable to the Dutch population.

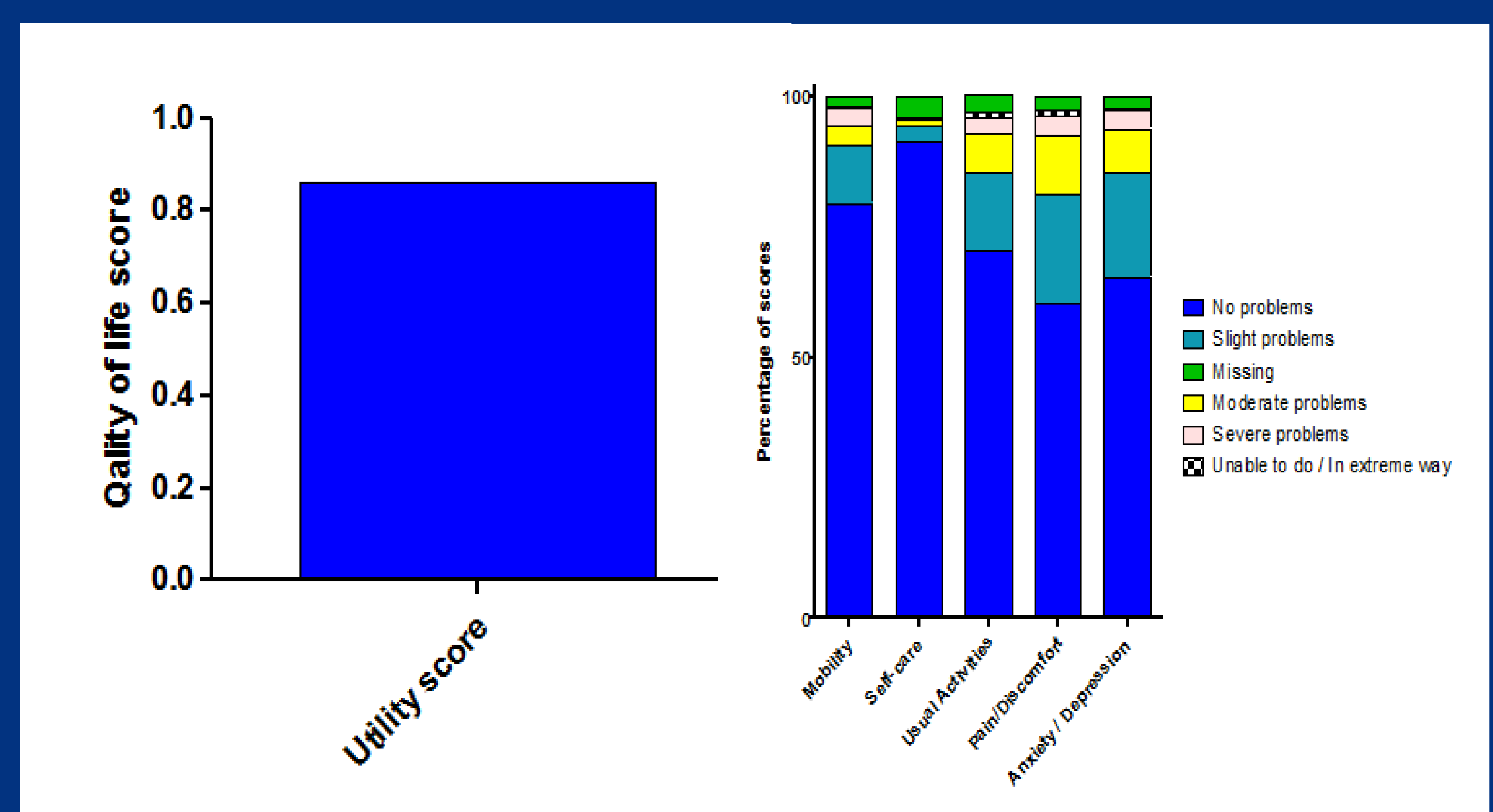


Figure 4: