

Online Supplementary Material

Estimation of Health State Utility Values in Fabry Disease Using Vignette Development and Valuation. *JHEOR*. 2023;10(1):80-88. [doi:10.36469/jheor.2023.71344](https://doi.org/10.36469/jheor.2023.71344)

Table S1: Variance in Health State Utilities

Table S2: Sensitivity Analyses

This supplementary material has been provided by the authors to give readers additional information about their work.



Table S1. Variance in Health State Utilities

Health State	Independent Variables	<i>P</i> < .05	Coefficient of Variation
Pain	Age		0.014
	Education level		0.031
	Completion time	✓	0.000
Moderate CEFD	Age		-0.013
	Education level	✓	0.047 ^a
	Completion time	✓	0.000
Severe CEFD	Age		-0.016
	Education level	✓	0.039 ^a
	Completion time	✓	0.000
ESRD	Age		-0.022
	Education level		0.036
	Completion time	✓	0.000
CVD	Age		-0.013
	Education level	✓	0.039 ^a
	Completion time	✓	0.000
Stroke	Age	✓	-0.038 ^a
	Education level		0.008
	Completion time	✓	0.001
Severe CEFD + ESRD	Age		-0.008
	Education level		0.029
	Completion time	✓	-0.105
Severe CEFD + CVD	Age		-0.014
	Education level		0.027
	Completion time	✓	-0.092
Severe CEFD + stroke	Age	✓	-0.027
	Education level		0.023
	Completion time	✓	-0.096

Abbreviations: CEFD, clinically evident Fabry disease; CVD, cardiovascular disease; ESRD, end-stage renal disease.

^a*P* < .5. (This statistical value reflects the significance in the linear regression analysis.)

Table S2. Sensitivity Analyses

Scenario	Exclusion Criteria (n)	Pain	Moderate CEFD	Severe CEFD	ESRD	CVD	Stroke	Severe CEFD + ESRD	Severe CEFD + CVD	Severe CEFD + Stroke
Base case	NA	0.465	0.203	0.156	0.119	0.278	0.385	0.033	0.081	0.111
1	Completion time <10.5 minutes (1063)	0.459	0.177	0.133	0.091	0.265	0.375	-0.002	0.047	0.079
2	Same value for all health states (1071)	0.495	0.207	0.155	0.107	0.289	0.407	0.020	0.073	0.106
3	Pain (least severe) not best health state (652)	0.614	0.277	0.219	0.111	0.232	0.264	0.039	0.066	0.069
4	Any inconsistencies (523)	0.459	0.181	0.111	0.078	0.244	0.302	-0.087	-0.070	-0.067
5	≥2 inconsistencies (761)	0.488	0.219	0.179	0.118	0.277	0.342	-0.047	-0.019	0.000
6	≥3 inconsistencies (908)	0.487	0.218	0.195	0.118	0.277	0.356	-0.022	0.010	0.027
7	Same value for all states and ≥2 inconsistencies (657)	0.539	0.228	0.182	0.111	0.295	0.370	-0.081	-0.047	-0.026

Abbreviations: CEFD, clinically evident Fabry disease; CVD, cardiovascular disease; ESRD, end-stage renal disease; NA, not applicable.