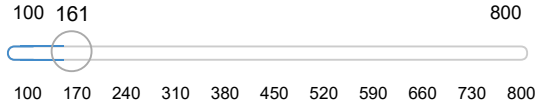


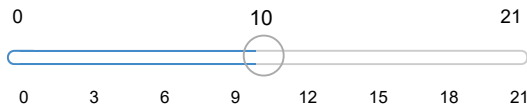
Number of days after the stroke



Cohort

all matched (+/- MCID)

HADS-D score



Match criterium (MCID)

0.5 SD 1.0 SEM as defined

Time-axis cut-off

no yes

Lowess smoother

no f=2/3 f=1/3 f=1/6

Restrict on gender

no female male

Restrict to habitual responders

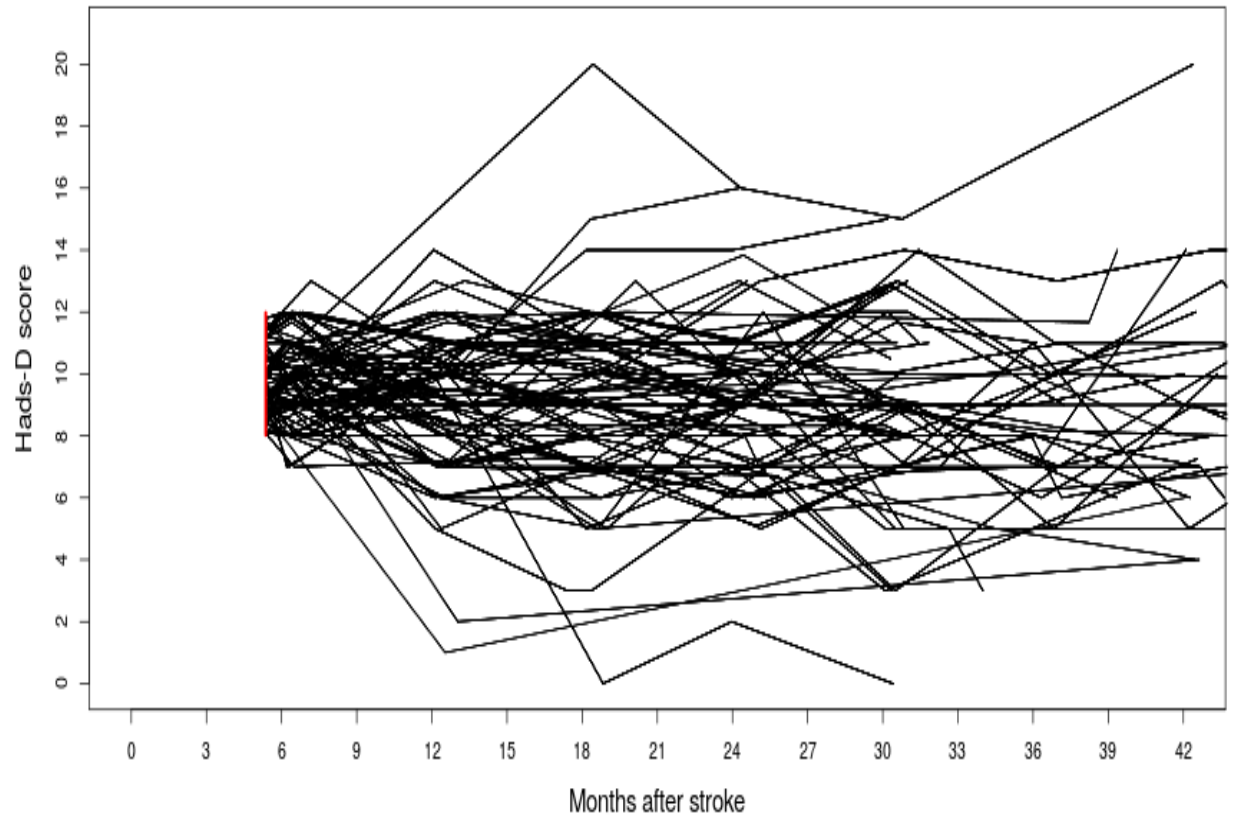
- no
- >5 questionnaires
- >4 questionnaires
- >3 questionnaires

Restrict to donors surviving 48 mths

no yes

Options below are experimental:

Courses of HADS-D score in donor cohort



Descriptive statistics Match day:161 days post stroke, match score:10 (8.03-11.97)

	Patients	Measurements	Median [IQR]	Mean (SD)	Median intra-id SD [IQR]
Donor cohort	83 (5.9%)	494 (6.8%)	9.3 [3]	9.32 (2.4)	1.37 [1.07]
Base cohort	1405	7278	4 [6]	4.64 (3.89)	1.41 [1.29]

Donor cohort scores by time categories In this table only the first measurements in each time category is used.

Months from today (match day) (161 days after stroke)	6 mths	12 mths	18 mths	24 mths	30 mths	36 mths	42 mths
Patients (n)	70	68	67	53	29	27	11

Suppress plot of unstable donors

no >16 >8

Restricted dataset (Table 2)

no yes

Use regression estimates from restricted dataset

no yes

HADS-D score Outcome variable

genuine HADS-D scores only
 genuine HADS-D scores supplemented with intra-id regression

Use fixed time intervals

no yes

Index day score by interpolation

no yes

Donor cohort scores by time categories In this table only the first measurements in each time category is used.

Difference (ref:match day score)							
- Improved (%)	27.1	26.5	28.4	30.2	34.5	44.4	27.3
- Stable (%)	62.9	63.2	56.7	56.6	58.6	33.3	63.6
- Worse (%)	10	10.3	14.9	13.2	6.9	22.2	9.1
Difference (ref:preceding score)							
- Improved (%)	27.1	19.6	23.2	27.7	38.1	27.8	33.3
- Stable (%)	62.9	60.7	57.1	42.6	38.1	38.9	50
- Worse (%)	10	19.6	19.6	29.8	23.8	33.3	16.7
Cumulative experiences							
- No change (%)	62.9	51.5	32.8	22.6	20.7	7.4	9.1
- Changes (%)	37.1	48.5	67.2	77.4	79.3	92.6	90.9
- - Improvements (%)	27.1	32.4	43.3	52.8	58.6	66.7	36.4
- - Worsenings (%)	10	17.6	26.9	28.3	20.7	29.6	54.5

Individualized prognostic statements:

The prognosis for your depressive symptoms is based on how previous patients fared who at the same time after their stroke as you (5.4 months) had similar depressive symptoms (HADS-D score: 10).

Six months later (11.4 months after the stroke) 10 % of the patients had worse depressive symptoms, 27.1 % had fewer symptoms while 62.9 % had symptoms like you have now. One year later (17.4 months after the stroke) 10.3 % of the patients had worse depressive symptoms, 26.5 % had fewer symptoms while 63.2 % had symptoms like you have now.

Notice that the courses of depressive symptoms are very variable. Over a 2-year period, 77.4 % of patients like you reported changed depressive symptoms (better or worse) in at least one questionnaire and over the course of 3 years it was 92.6 %

Like the weather forecast, the prognosis becomes more uncertain the longer we look forward, for example several years. You can at anytime revisit this page to obtain a new and more reliable short-term prognosis.