

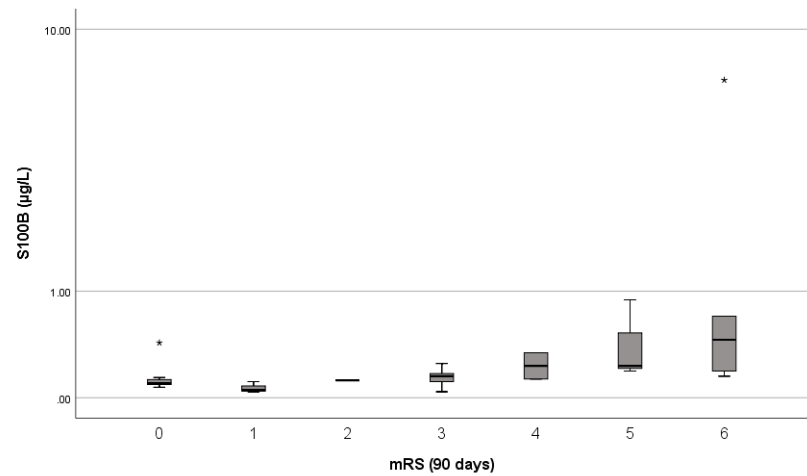
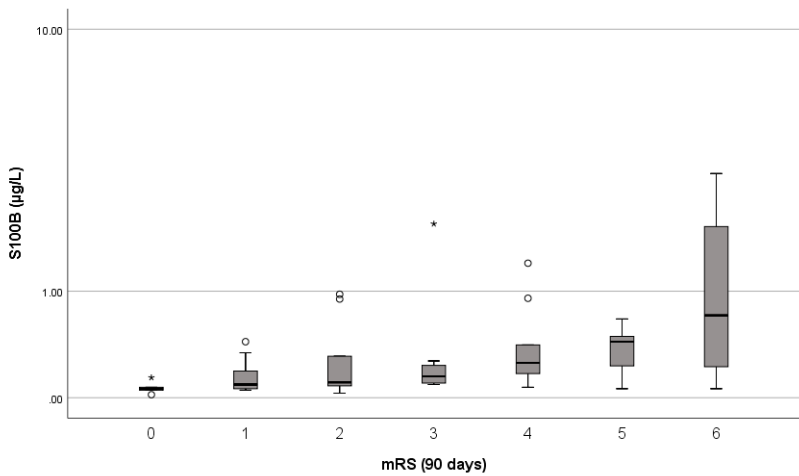
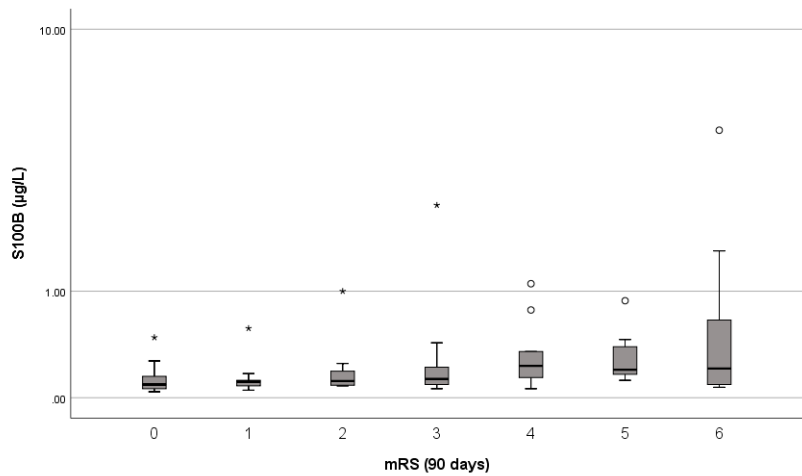
eFigure 1

Internal validation of data

Boxplots depicting the distribution of the S100B values on day 2 stratified according to mRS categories at 3 months. Provided are results separately for the year of inclusion (2017, 2018, 2019; upper panels) and for the including center (Frankfurt, Augsburg; lower panels).

eFigure 1

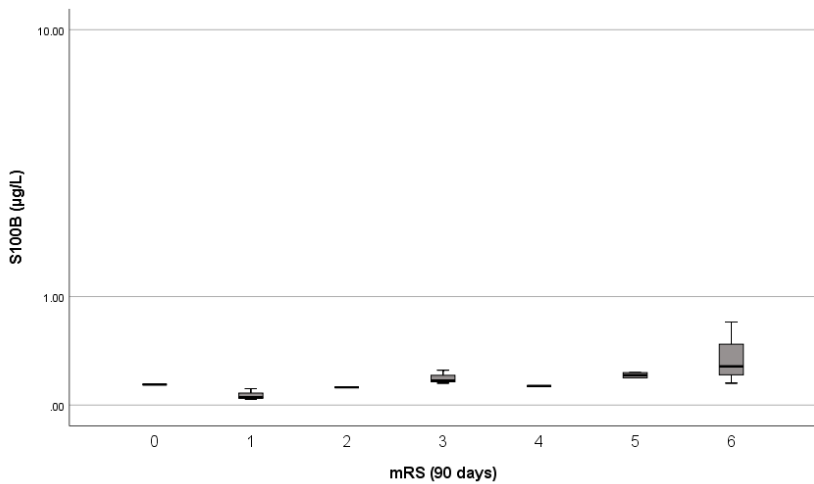
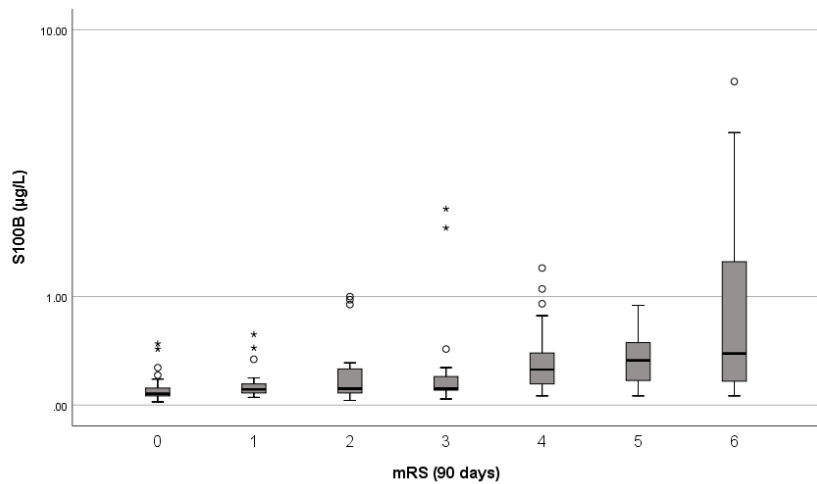
Internal validation of S100B data



Year 2017 (n=80)

2018 (n=60)

2019 (n=29)



Center Frankfurt (n=155)

Augsburg (n=14)

eTable 1a/b/c/d

Regression models

S100B alone and adjusted for age, sex, NIHSS values, mTICI and ASPECTS

eTable 1a

Regression model 1

Dependent variable: mRS 90 days (0-1 vs. 2-6)
Independent variables: S100B

	B	Exp (B)	95% CI Exp (B)		p
S100B (dec.)	0.374	1.454	1.269	1.667	<0.001
Constant	-1.234	0.291			0.001

eTable 1b

Regression model 2

Dependent variable: mRS 90 days (0-1 vs. 2-6)
Independent variables: S100B, age, sex, NIHSS admission, NIHSS 24 h

	B	Exp (B)	95% CI Exp (B)		p
S100B (dec.)	0.314	1.369	1.111	1.685	0.003
Age	0.109	1.115	1.066	1.166	<0.001
Sex	-0.041	0.960	0.358	2.569	0.934
NIHSS adm	0.064	1.066	0.973	1.168	0.171
NIHSS 24 h	0.208	1.232	1.112	1.364	<0.001
constant	-10.715	0.000			<0.001

eTable 1c

Regression model 3

Dependent variable: mRS 90 days (0-1 vs. 2-6)
Independent variables: S100B, age, sex, NIHSS admission, NIHSS 24 h, mTICI

	B	Exp (B)	95% CI Exp (B)		p
S100B (dec.)	0.310	1.364	1.105	1.683	0.004
Age	0.113	1.120	1.068	1.174	<0.001
Sex	-0.070	0.932	0.341	2.547	0.891
NIHSS adm	0.045	1.046	0.951	1.150	0.356
NIHSS 24 h	0.209	1.232	1.106	1.372	<0.001
mTICI	0.161	1.174	0.426	3.240	0.756
constant	-10.723	0.000			<0.001

eTable 1d

Regression model 4

Dependent variable: mRS 90 days (0-1 vs. 2-6)
Independent variables: S100B, age, sex, NIHSS admission, NIHSS 24 h, mTICI, ASPECTS

	B	Exp (B)	95% CI Exp (B)		p
S100B (dec.)	0.310	1.364	1.105	1.683	0.004
Age	0.114	1.120	1.068	1.175	<0.001
Sex	-0.073	0.930	0.340	2.544	0.887
NIHSS adm	0.045	1.046	0.951	1.150	0.356
NIHSS 24 h	0.209	1.233	1.107	1.374	<0.001
mTICI	0.154	1.166	0.421	3.229	0.767
ASPECTS	-0.008	0.992	0.920	1.069	0.825
constant	-10.694	0.000			<0.001