Supplementary Figure 2

A

EDSS model

SNRS model
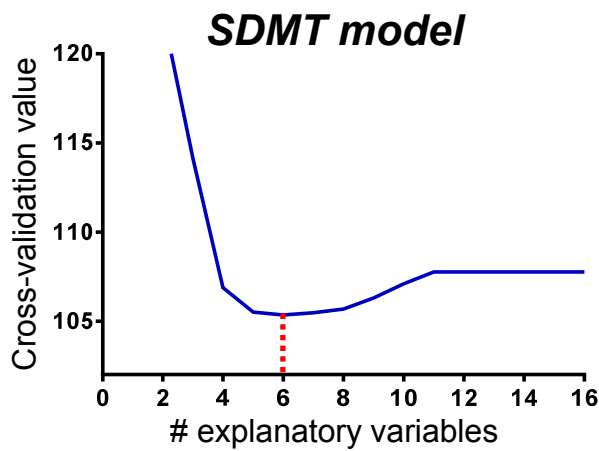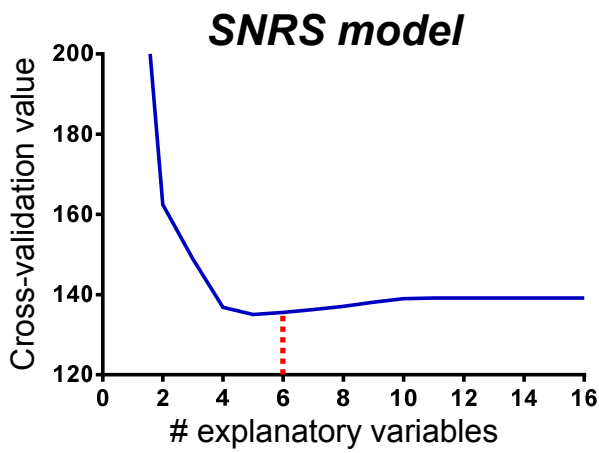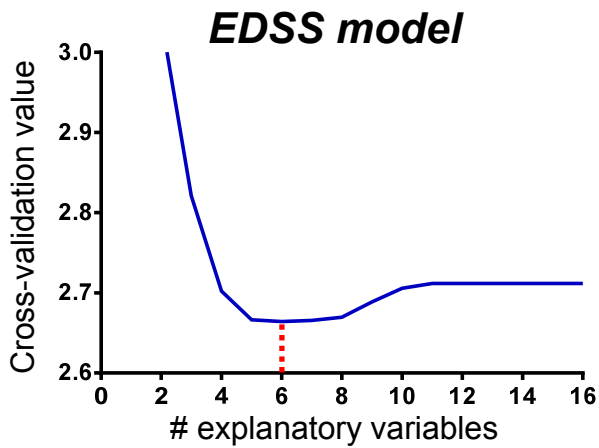
SDMT model

B

explanatory variables order	COMRIS-PDO		COMRIS-CDO
	EDSS model	SNRS model	SDMT model
1	age	age	age
2	k	k	c
3	n	n	a
4	i	i	i
5	m	c	j
6	c	h	h
7	g	f	l
8	b	m	g
9	e	j	f
10	f	e	e
11	h	g	n
12	a	a	b
13	d	b	d
14	j	d	k
15	l	l	m
16	o	o	o

[a] T2 lesion load
[b] T1 black hole fraction
[c] Atrophy
[d] Periventricular lesions
[e] Juxtacortical/cortical lesions
[f] Corpus Callosum involvement
[g] Mostly deep white matter lesions
[h] Deep grey matter lesions
[i] Brainstem lesion load
[j] Cerebellum lesion load
[k] Medulla & Upper Cervical lesion load
[l] Brainstem atrophy
[m] Cerebellum atrophy
[n] Medulla & Upper Cervical atrophy
[o] Contrast-enhancing lesion load