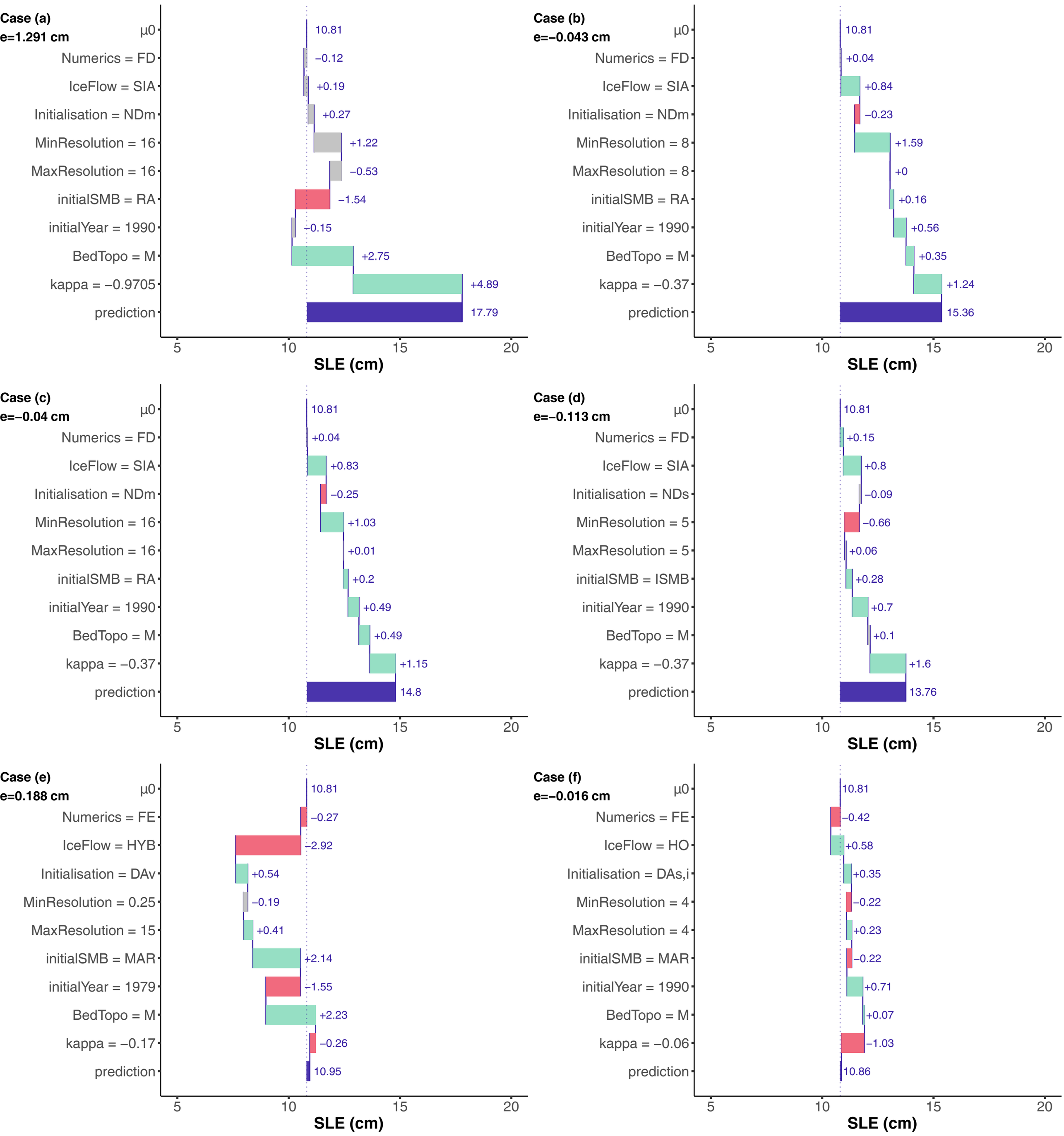
Case (a)
e=1.291 cm
μ0 10.81
Numerics = FD −0.12
IceFlow = SIA +0.19
Initialisation = NDm +0.27
MinResolution = 16 +1.22
MaxResolution = 16 −0.53
initialSMB = RA −1.54
initialYear = 1990 −0.15
BedTopo = M +2.75
kappa = −0.9705 +4.89
prediction 17.79
Case (b)
e=−0.043 cm
μ0 10.81
Numerics = FD +0.04
IceFlow = SIA +0.84
Initialisation = NDm −0.23
MinResolution = 8 +1.59
MaxResolution = 8 +0
initialSMB = RA +0.16
initialYear = 1990 +0.56
BedTopo = M +0.35
kappa = −0.37 +1.24
prediction 15.36
Case (c)
e=−0.04 cm
μ0 10.81
Numerics = FD +0.04
IceFlow = SIA +0.83
Initialisation = NDm −0.25
MinResolution = 16 +1.03
MaxResolution = 16 +0.01
initialSMB = RA +0.2
initialYear = 1990 +0.49
BedTopo = M +0.49
kappa = −0.37 +1.15
prediction 14.8
Case (d)
e=−0.113 cm
μ0 10.81
Numerics = FD +0.15
IceFlow = SIA +0.8
Initialisation = NDs −0.09
MinResolution = 5 −0.66
MaxResolution = 5 +0.06
initialSMB = ISMB +0.28
initialYear = 1990 +0.7
BedTopo = M +0.1
kappa = −0.37 +1.6
prediction 13.76
Case (e)
e=0.188 cm
μ0 10.81
Numerics = FE −0.27
IceFlow = HYB −2.92
Initialisation = DAv +0.54
MinResolution = 0.25 −0.19
MaxResolution = 15 +0.41
initialSMB = MAR +2.14
initialYear = 1979 −1.55
BedTopo = M +2.23
kappa = −0.17 −0.26
prediction 10.95
Case (f)
e=−0.016 cm
μ0 10.81
Numerics = FE −0.42
IceFlow = HO +0.58
Initialisation = DAs,i +0.35
MinResolution = 4 −0.22
MaxResolution = 4 +0.23
initialSMB = MAR −0.22
initialYear = 1990 +0.71
BedTopo = M +0.07
kappa = −0.06 −1.03
prediction 10.86
5 10 15 20
SLE (cm)