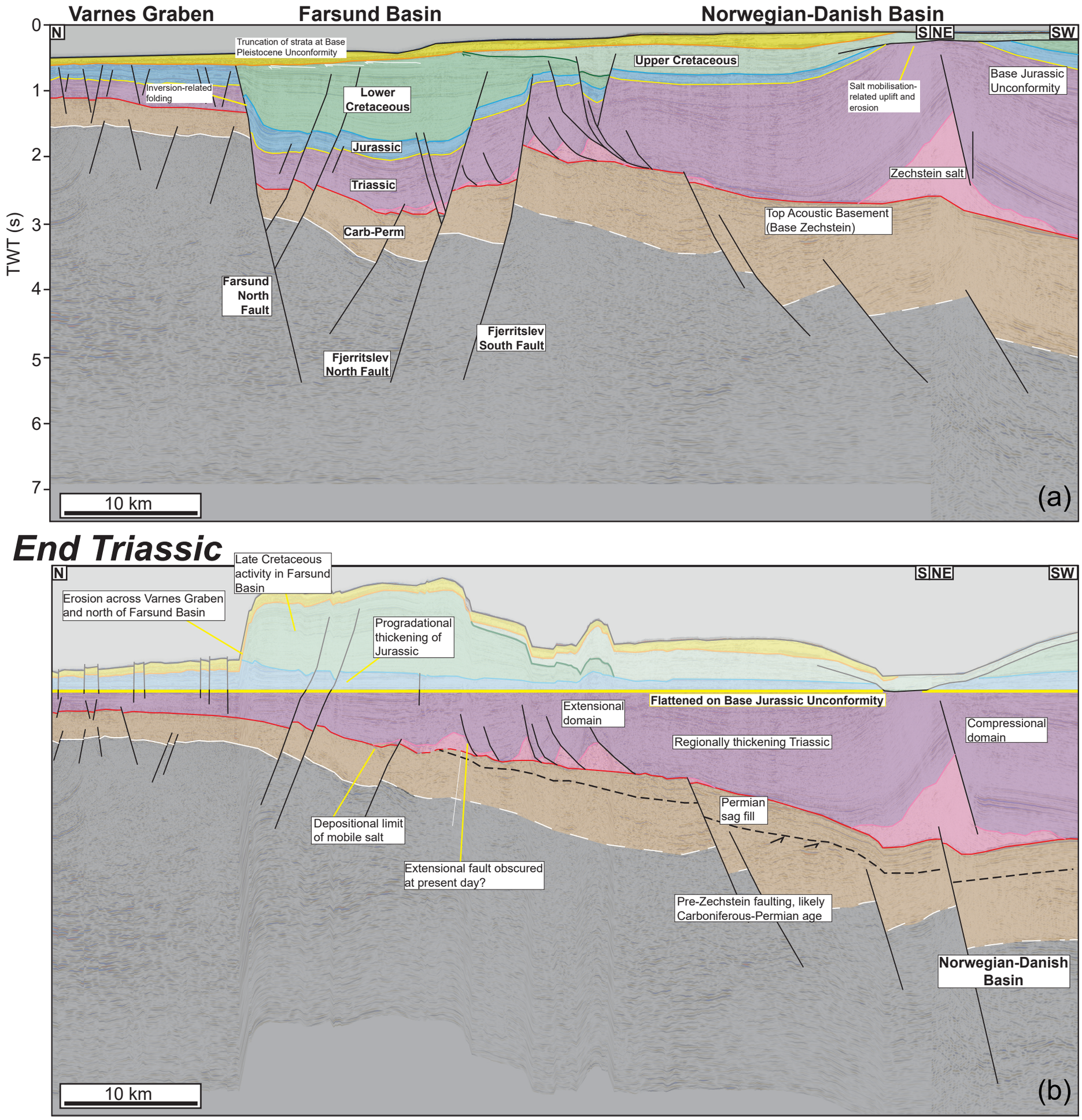

Varnes Graben
Farsund Basin
Norwegian-Danish Basin
N
S NE
SW
TWT (s)
0
1
2
3
4
5
6
7
Truncation of strata at Base Pleistocene Unconformity
Upper Cretaceous
Base Jurassic Unconformity
Inversion-related folding
Lower Cretaceous
Salt mobilisation-related uplift and erosion
Jurassic
Zechstein salt
Triassic
Top Acoustic Basement (Base Zechstein)
Carb-Perm
Farsund North Fault
Fjerritslev South Fault
Fjerritslev North Fault
10 km
(a)
End Triassic
N
S NE
SW
Late Cretaceous activity in Farsund Basin
Erosion across Varnes Graben and north of Farsund Basin
Progradational thickening of Jurassic
Flattened on Base Jurassic Unconformity
Extensional domain
Compressional domain
Regionally thickening Triassic
Permian sag fill
Depositional limit of mobile salt
Extensional fault obscured at present day?
Pre-Zechstein faulting, likely Carboniferous-Permian age
Norwegian-Danish Basin
10 km
(b)