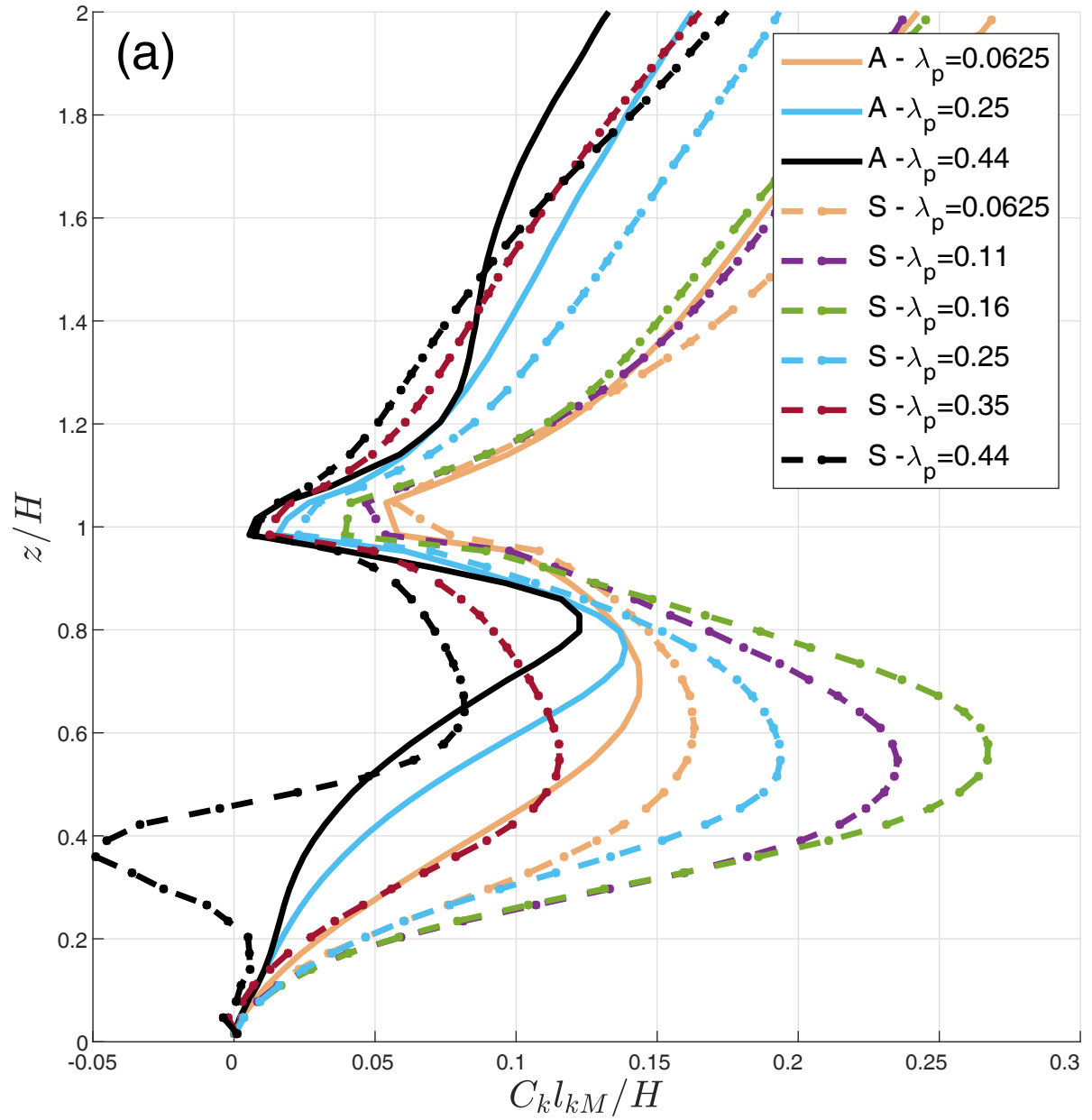
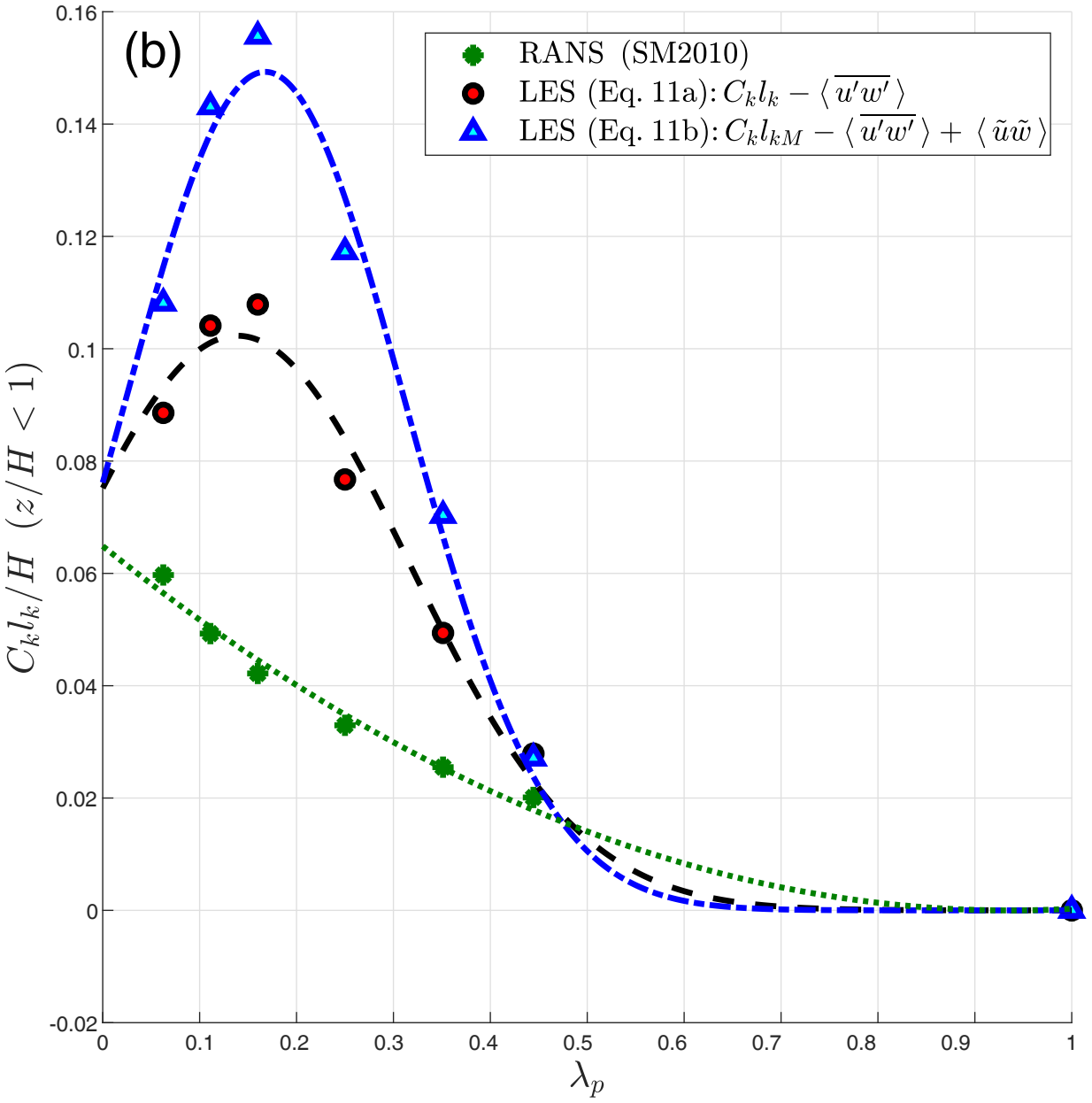

(a)
A - λ_p=0.0625
A - λ_p=0.25
A - λ_p=0.44
S - λ_p=0.0625
S - λ_p=0.11
S - λ_p=0.16
S - λ_p=0.25
S - λ_p=0.35
S - λ_p=0.44
z/H
$C_k l_{kM}/H$


(b)
RANS (SM2010)
LES (Eq. 11a): $C_k l_k - \langle \overline{u'w'} \rangle$
LES (Eq. 11b): $C_k l_{kM} - \langle \overline{u'w'} \rangle + \langle \tilde{u}\tilde{w} \rangle$
$C_k l_k/H \ (z/H < 1)$
λ_p