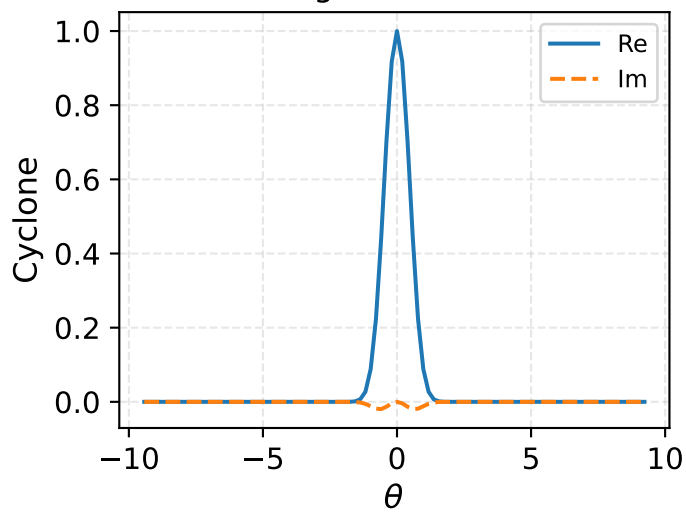
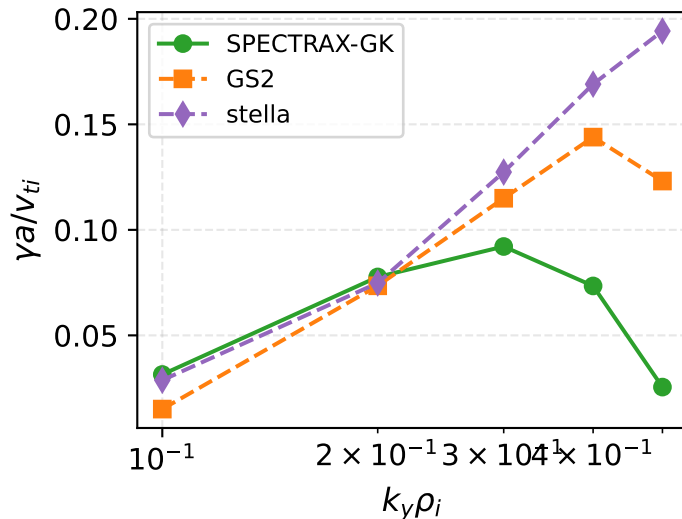


# Cross-code summary (Cyclone, ETG, KBM): SPECTRAX-GK vs GS2/stella

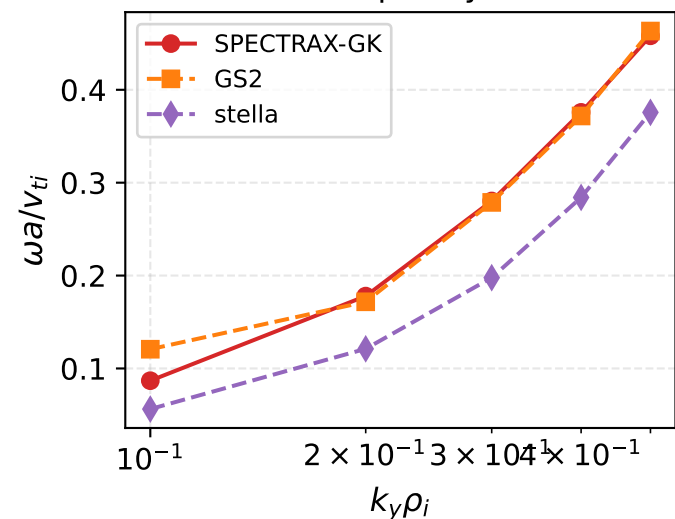
## Eigenfunction



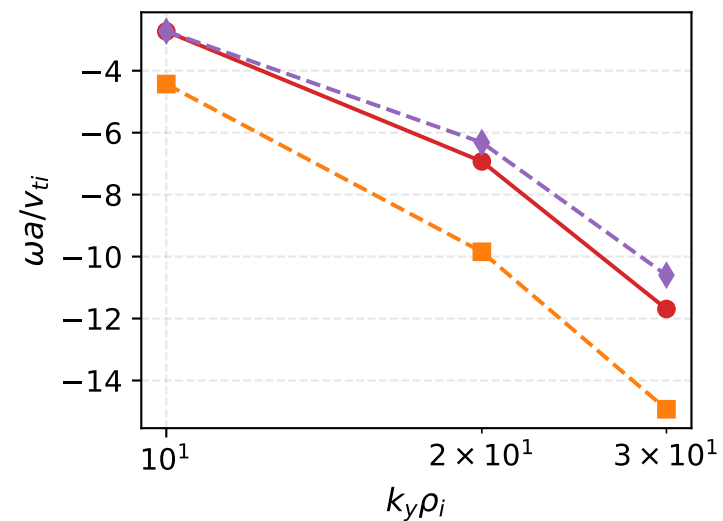
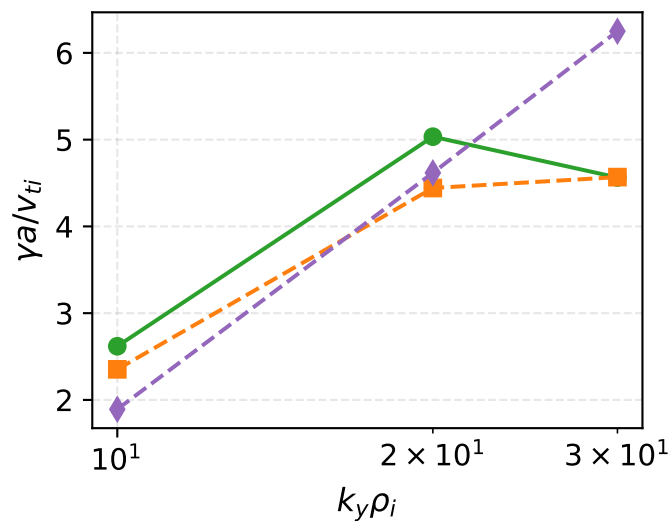
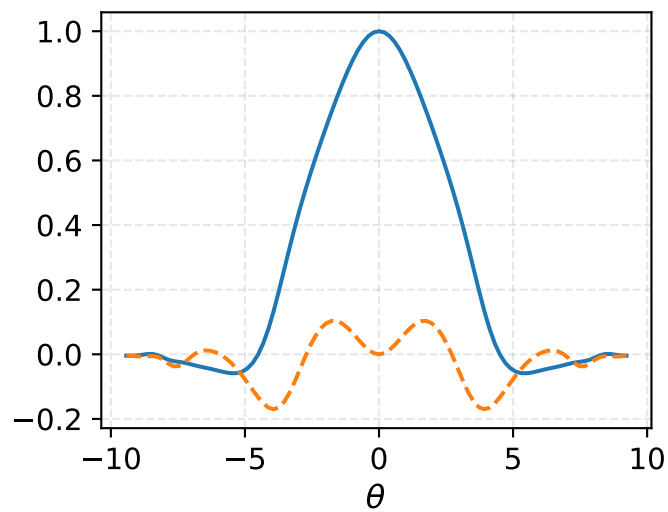
## Growth rate



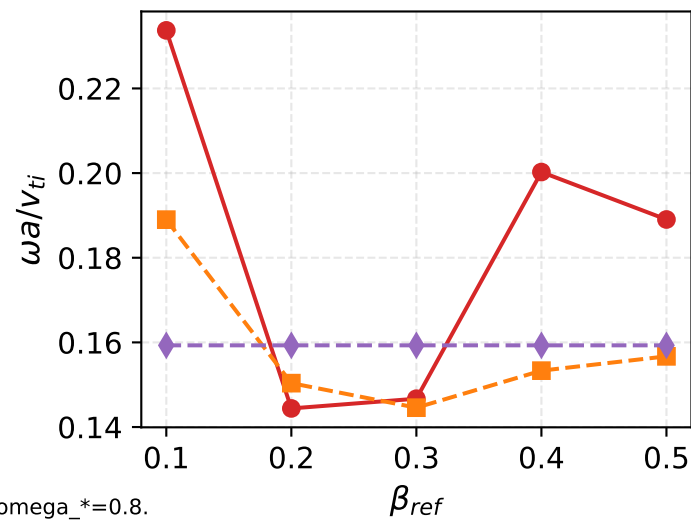
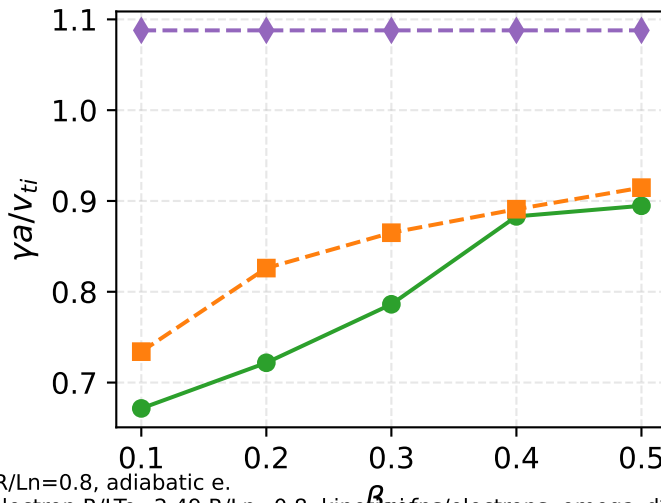
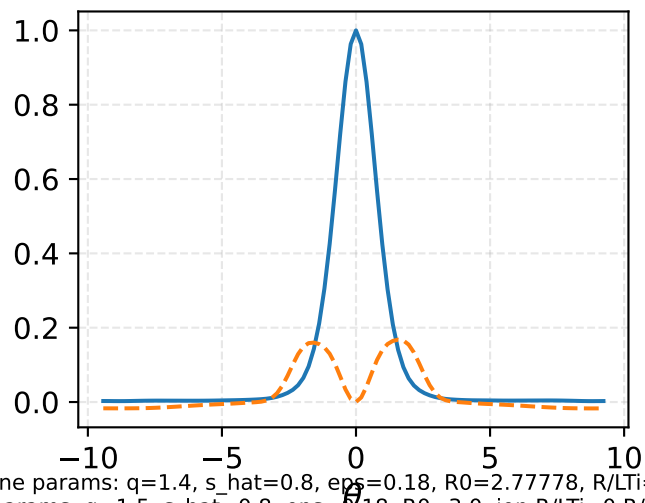
## Frequency



## ETG



## KBM



Cyclone params:  $q=1.4$ ,  $s_{\hat{}}=0.8$ ,  $\epsilon_{\hat{}}=0.18$ ,  $R_0=2.77778$ ,  $R/L\tau_i=2.49$ ,  $R/Ln=0.8$ , adiabatic e.  
 ETG params:  $q=1.5$ ,  $s_{\hat{}}=0.8$ ,  $\epsilon_{\hat{}}=0.18$ ,  $R_0=3.0$ , ion  $R/L\tau_i=0$ ,  $R/Ln=0$ ; electron  $R/L\tau_e=2.49$ ,  $R/Ln=0.8$ , kinetic ions/electrons,  $\omega_{d*}=0.4$ ,  $\omega_{*}=0.8$ .  
 KBM params:  $k_y \rho_i=0.3$ , beta scan, kinetic ions/electrons,  $A_{\parallel}$  on,  $B_{\parallel}$  off,  $\omega_{d*}=1.0$ ,  $\omega_{*}=0.8$ .