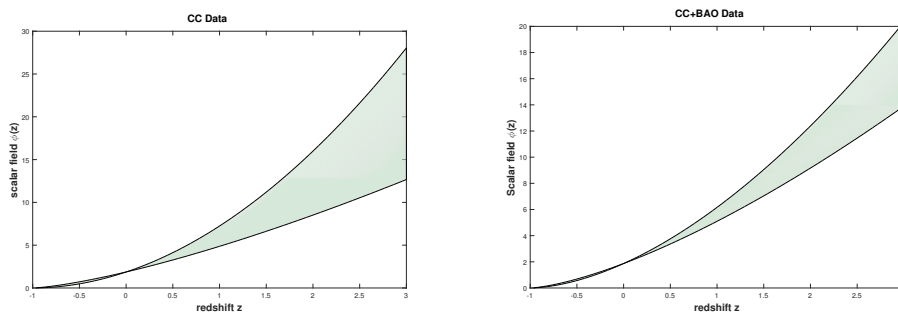


# Dynamical Viability of Anisotropic Kaniadakis Holographic Dark Energy Models within Brans–Dicke–Rastall Gravity

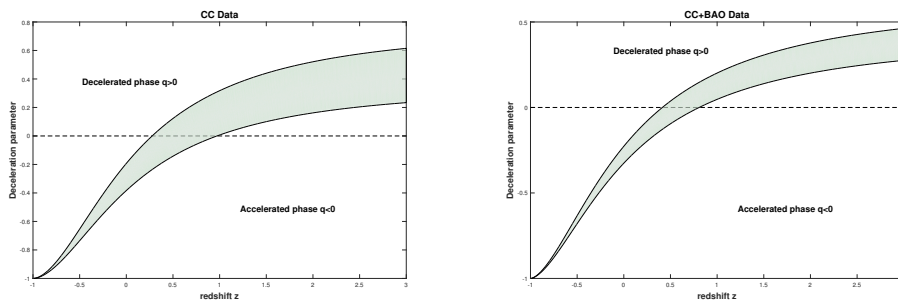
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## Appendix

Some of the figures are presented here for reference.



**Fig. 3.** The plot of the scalar field  $\phi(z)$  and redshift  $z$ .



**Fig. 4.** The plot of the deceleration parameter  $q$  versus redshift  $z$ .

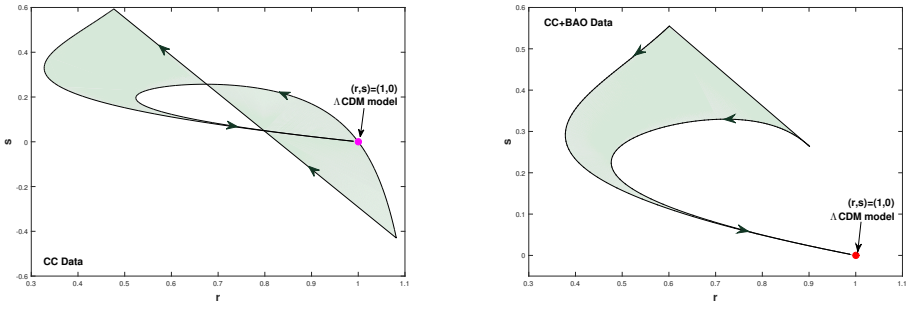


Fig. 5. The plot of statefinder parameters plane.

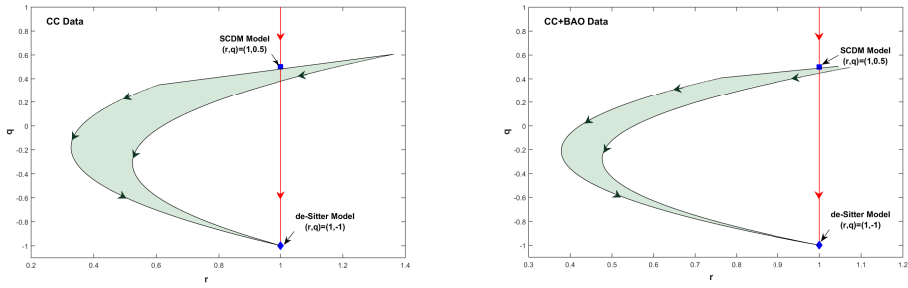


Fig. 6. The plot of the  $r$ - $q$  plane.

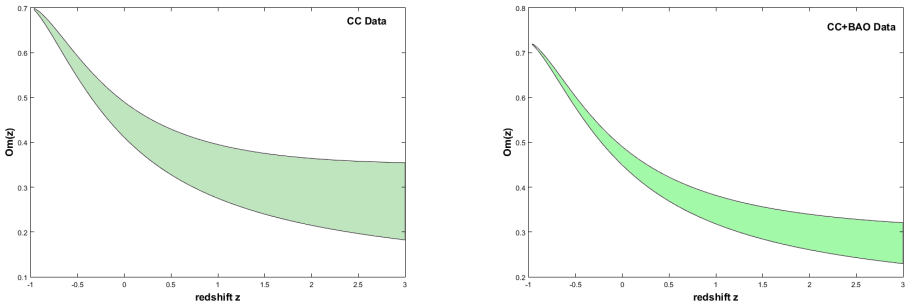
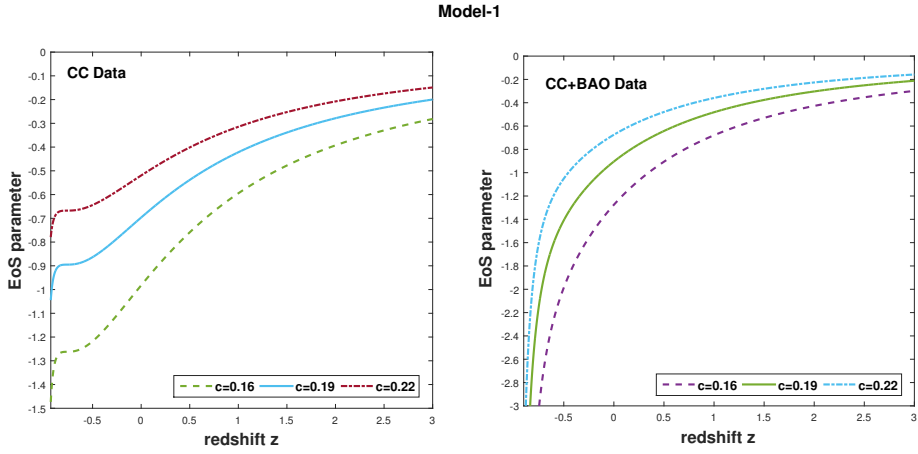
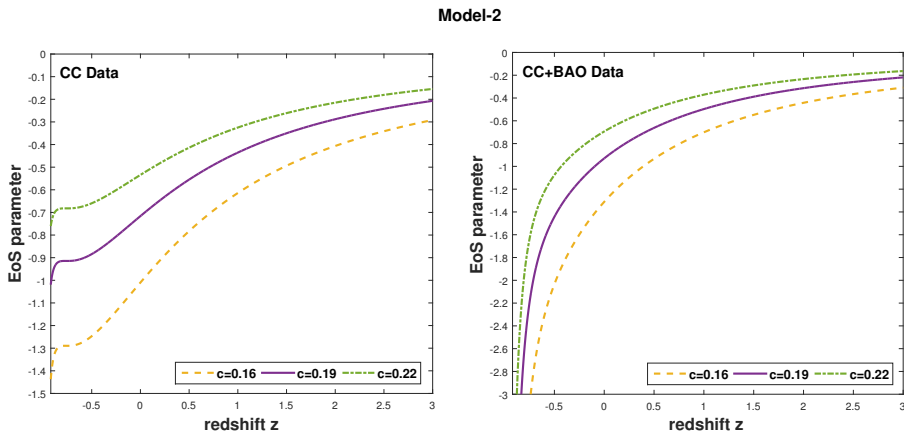


Fig. 7. Evolution of the  $Om(z)$  diagnostic with redshift  $z$ .



**Fig. 8.** Plot of the EoS parameter of model-1 versus redshift  $z$ .



**Fig. 9.** Plot of the EoS parameter of model-2 versus redshift  $z$ .

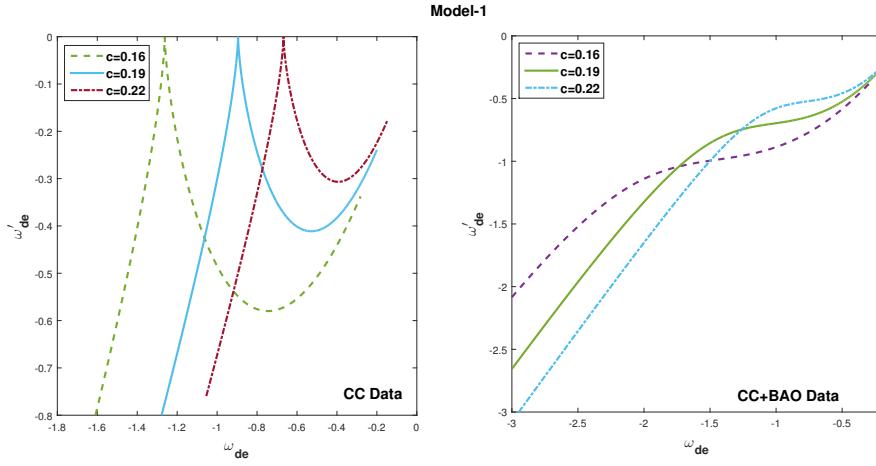


Fig. 10. The plot of the EoS parameter  $\omega_{de}$  versus its derivative  $\omega'_{de}$  for model-1.

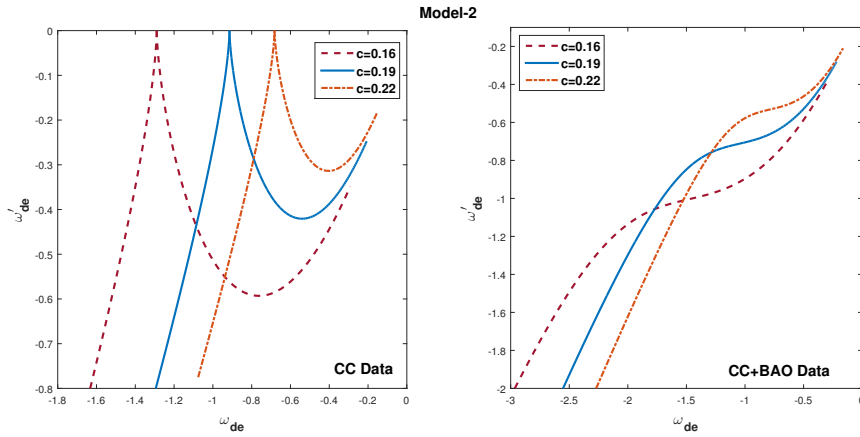


Fig. 11. The plot of the EoS parameter  $\omega_{de}$  versus its derivative  $\omega'_{de}$  for model-2.

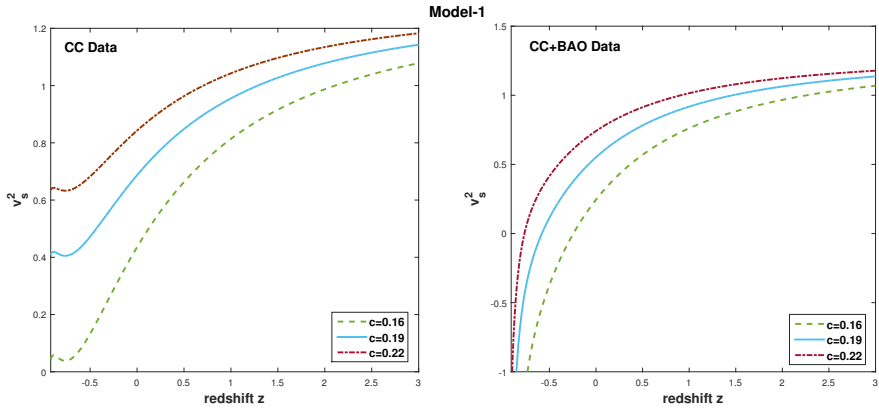


Fig. 12. The plot of the square of the sound speed  $v_s^2$  versus redshift  $z$  for model-1.

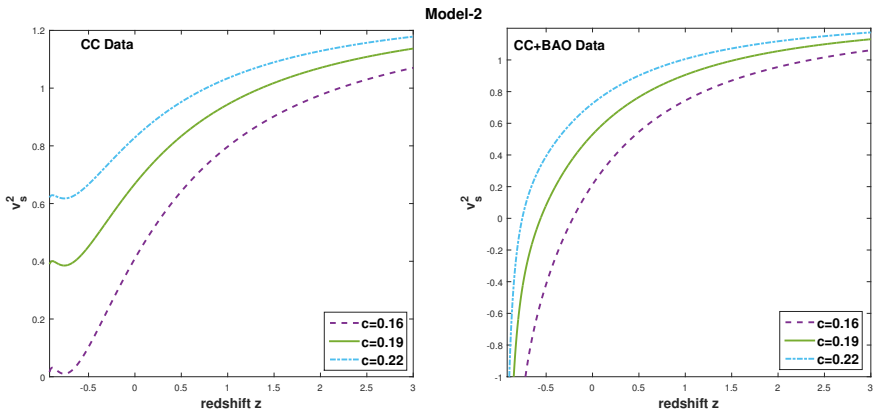


Fig. 13. The plot of the square of the sound speed  $v_s^2$  versus redshift  $z$  for model-2.

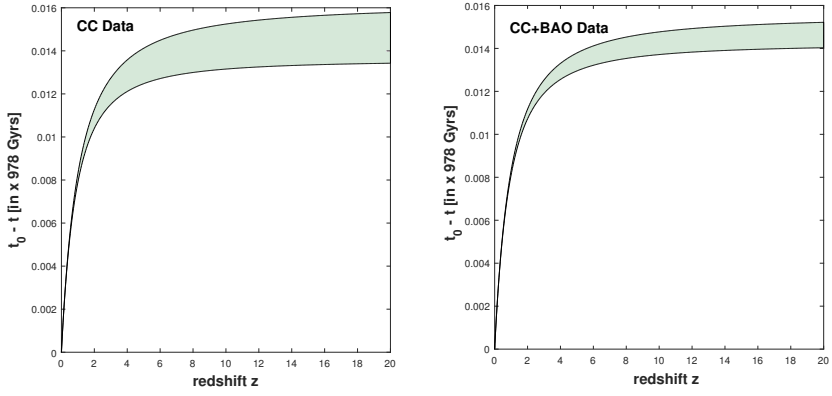


Fig. 14. The plot of the cosmic time difference  $t_0 - t$  versus redshift  $z$ .

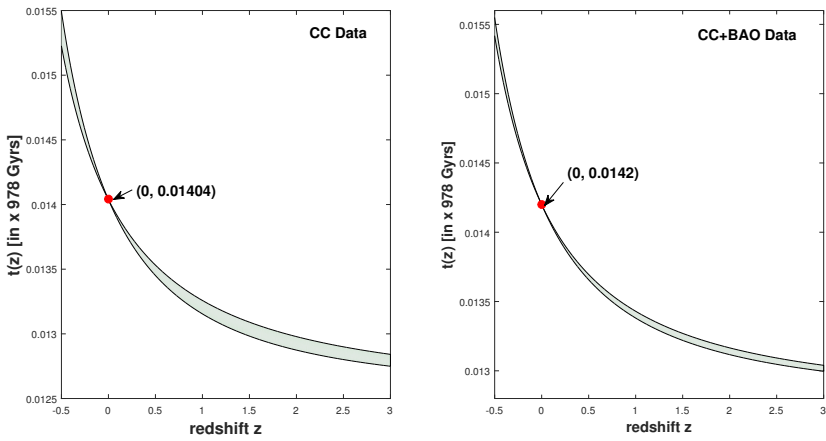
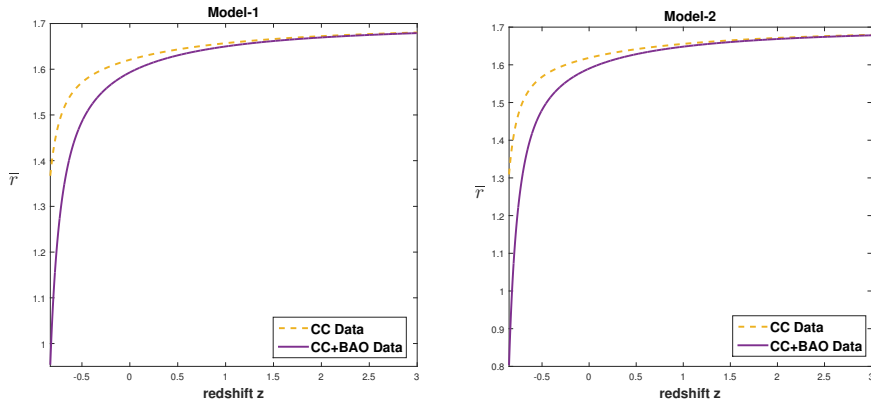
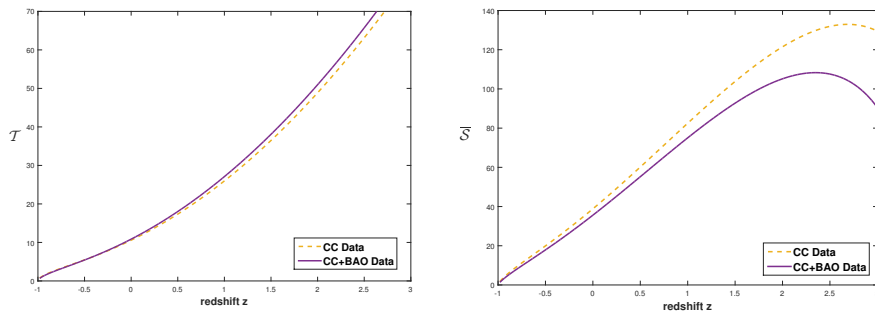


Fig. 15. The plot of the cosmic time  $t(z)$  versus redshift  $z$ .



**Fig. 16.** The plot of the coincidence parameter  $\bar{r}$  versus redshift  $z$ .



**Fig. 17.** Plot of entropy density  $\mathcal{S}$  and temperature  $\mathcal{T}$  versus redshift  $z$  for model-1 & 2.