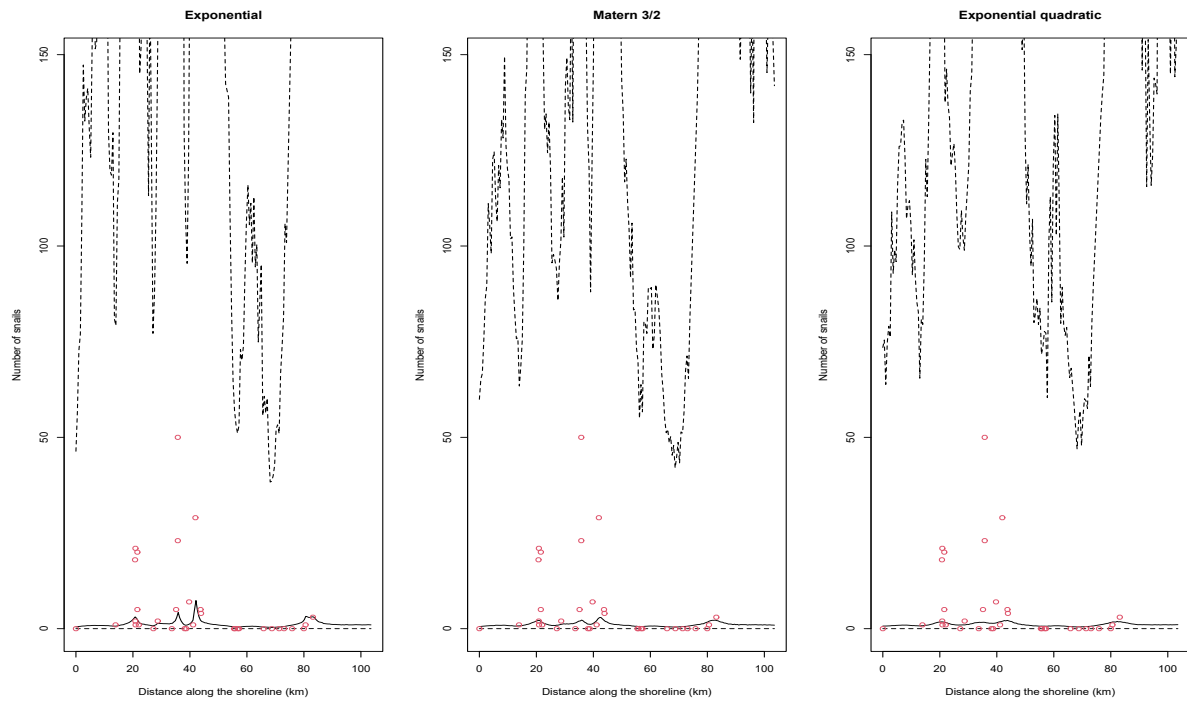


Additional file 6: Supplementary information

Covariance functions

(a) *Biomphalaria* sp.



(b) *Bulinus* spp.

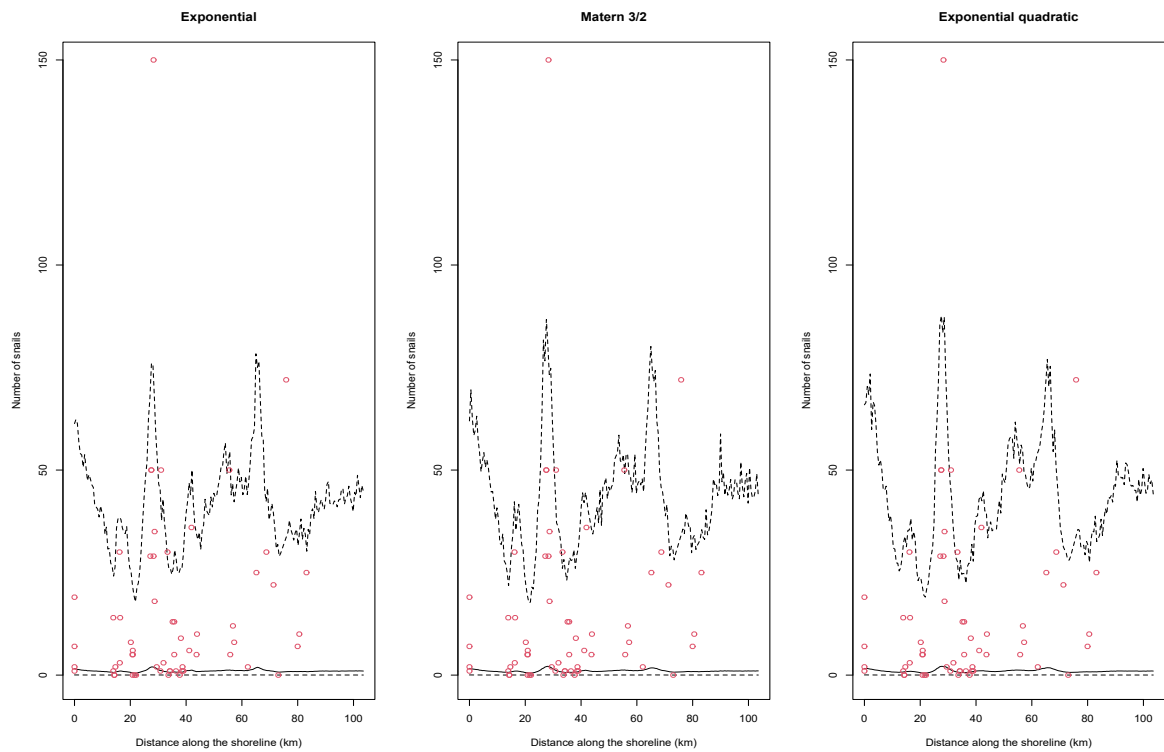
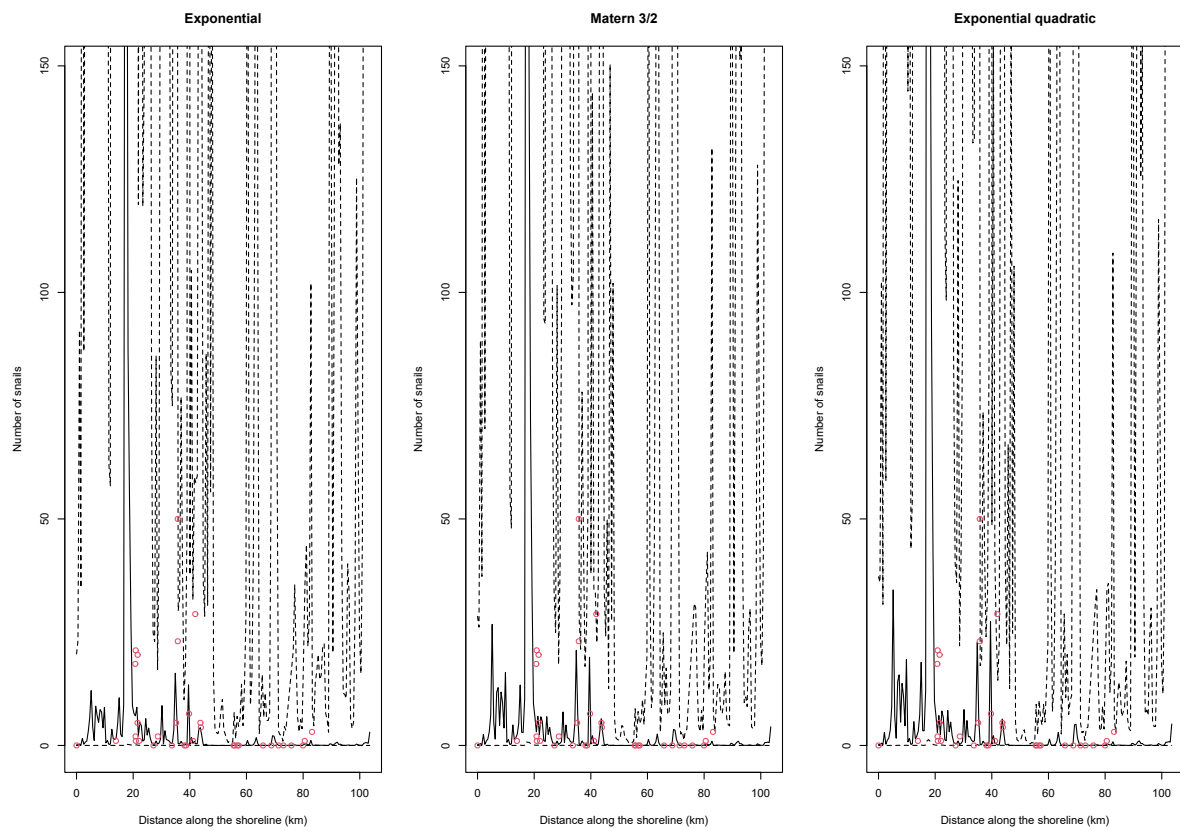


Figure S1: Comparison of covariance functions for above snails mean abundance for a) *Biomphalaria* sp. b) *Bulinus* spp. against distance along (km). Filled Straight line: Medium (50% credible intervals (CrI)) of GP prediction. Red circles: observed number of snails at sampling locations along the shoreline. Black faded lines: 95% CrI

(a) *Biomphalaria* sp.



(b) *Bulinus* spp.

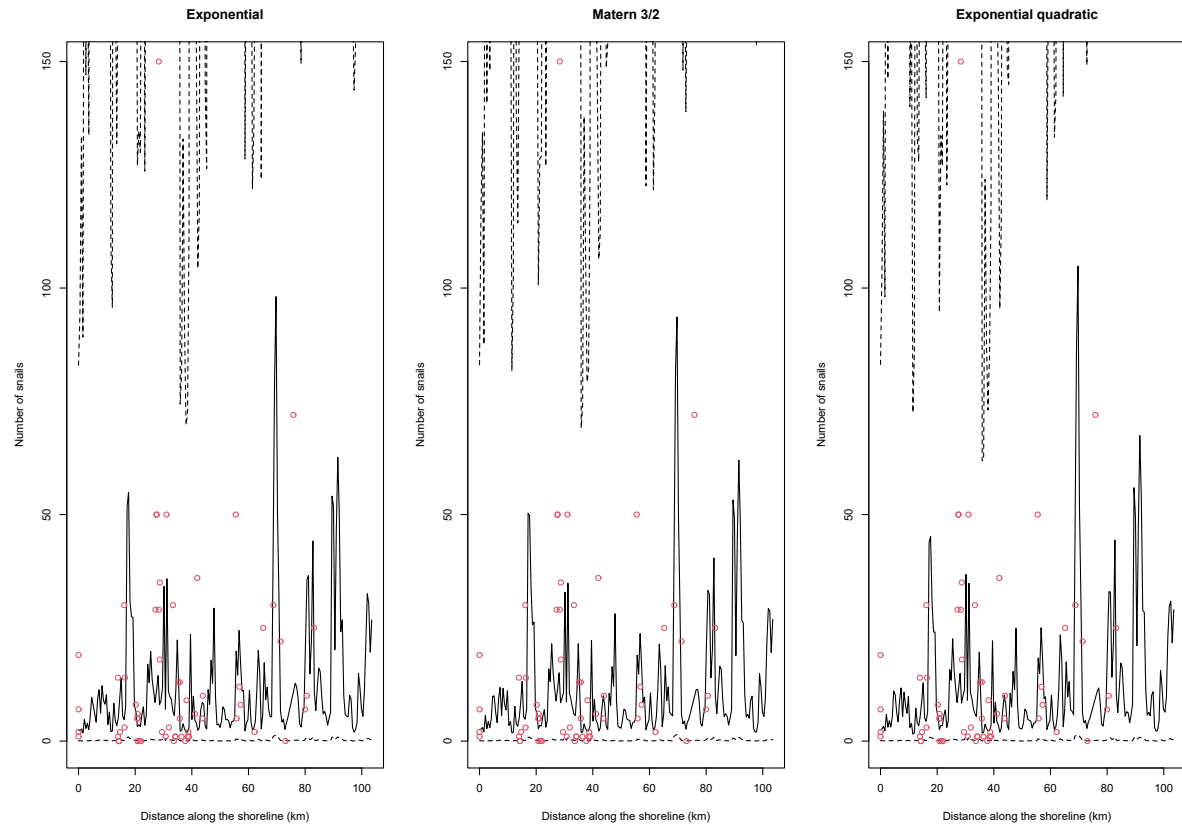


Figure S2: Comparison of covariance functions for number of snails predicted for a) *Biomphalaria* sp. b) *Bulinus* spp. against distance along (km). Filled Straight line: Medium (50% credible intervals (CrI)) of GP prediction. Red circles: observed number of snails at sampling locations along the shoreline. Black faded lines: 95% CrI