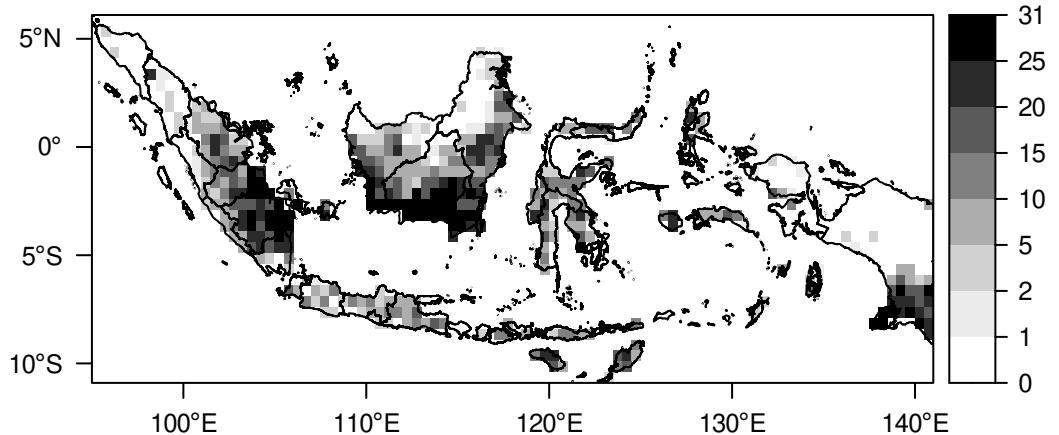
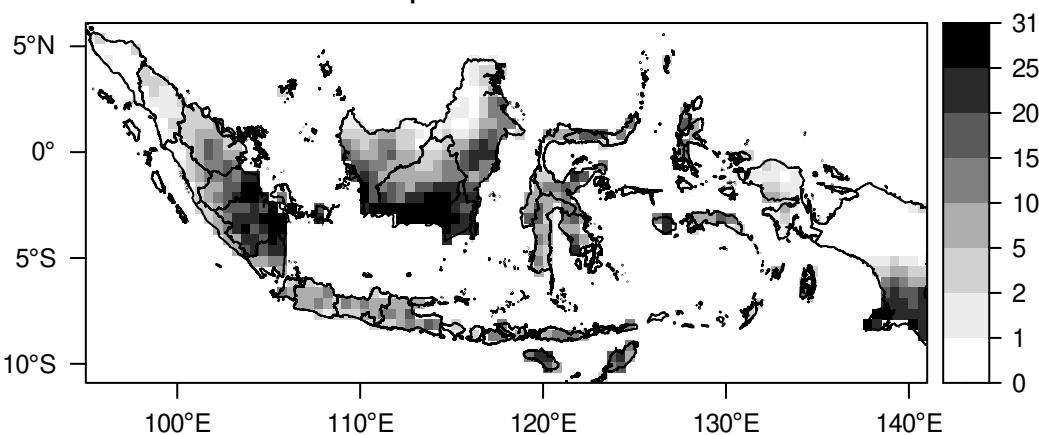


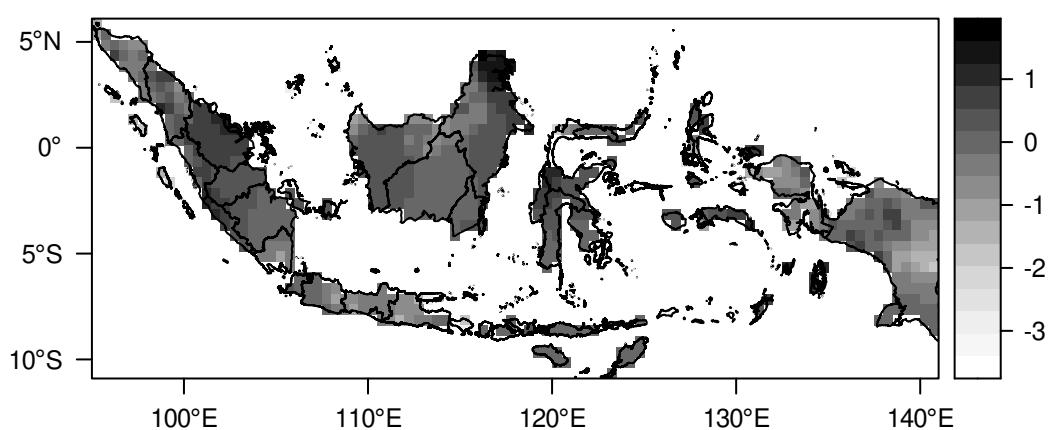
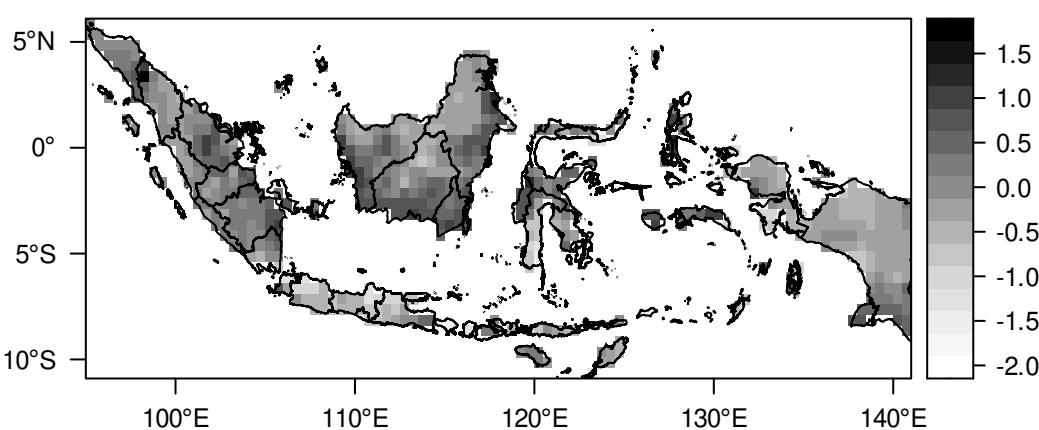
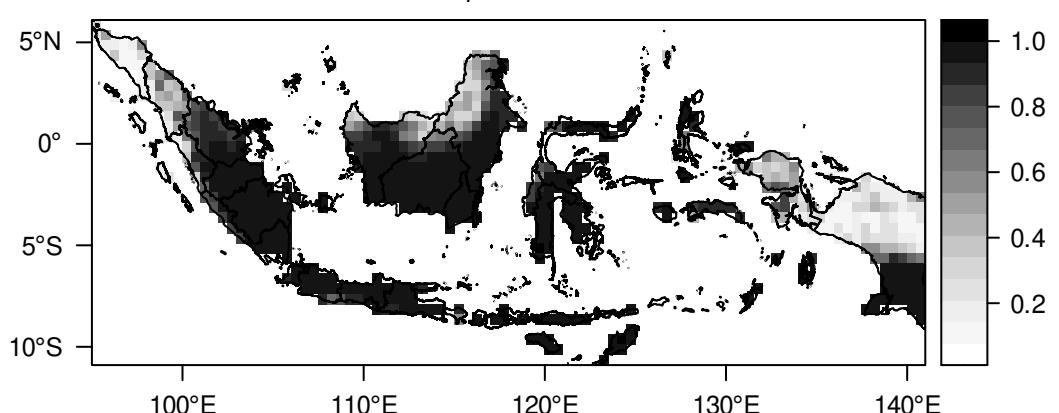
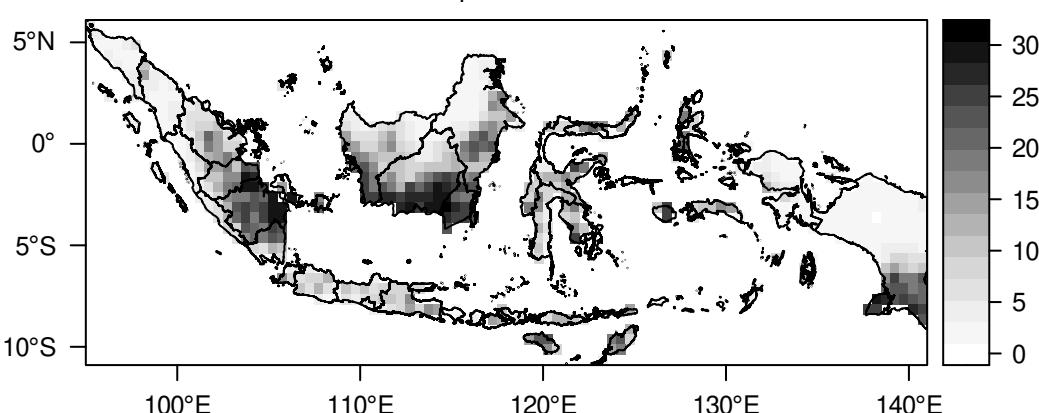
Actual counts



Expected counts

Latent spatial effects U_0

Latitude

Latent spatial effects U_+  $\pi(z_i^T \beta_0 + U_0)$  $\lambda(z_i^T \beta_+ + U_+)$ 

Longitude