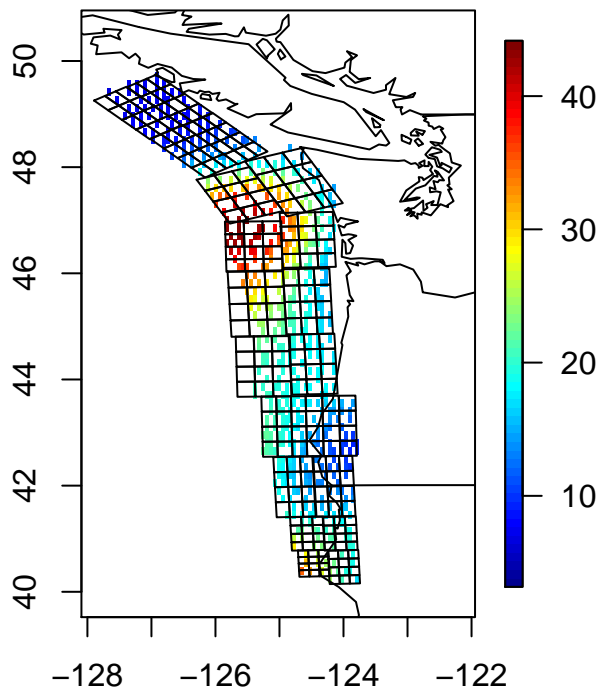**Predicted Mean Locking Rate (mm/yr** **Observed Locking Rate (mm/yr)**