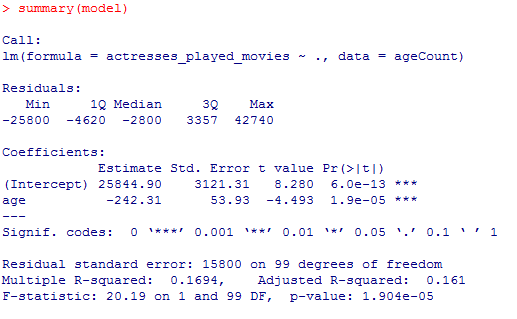
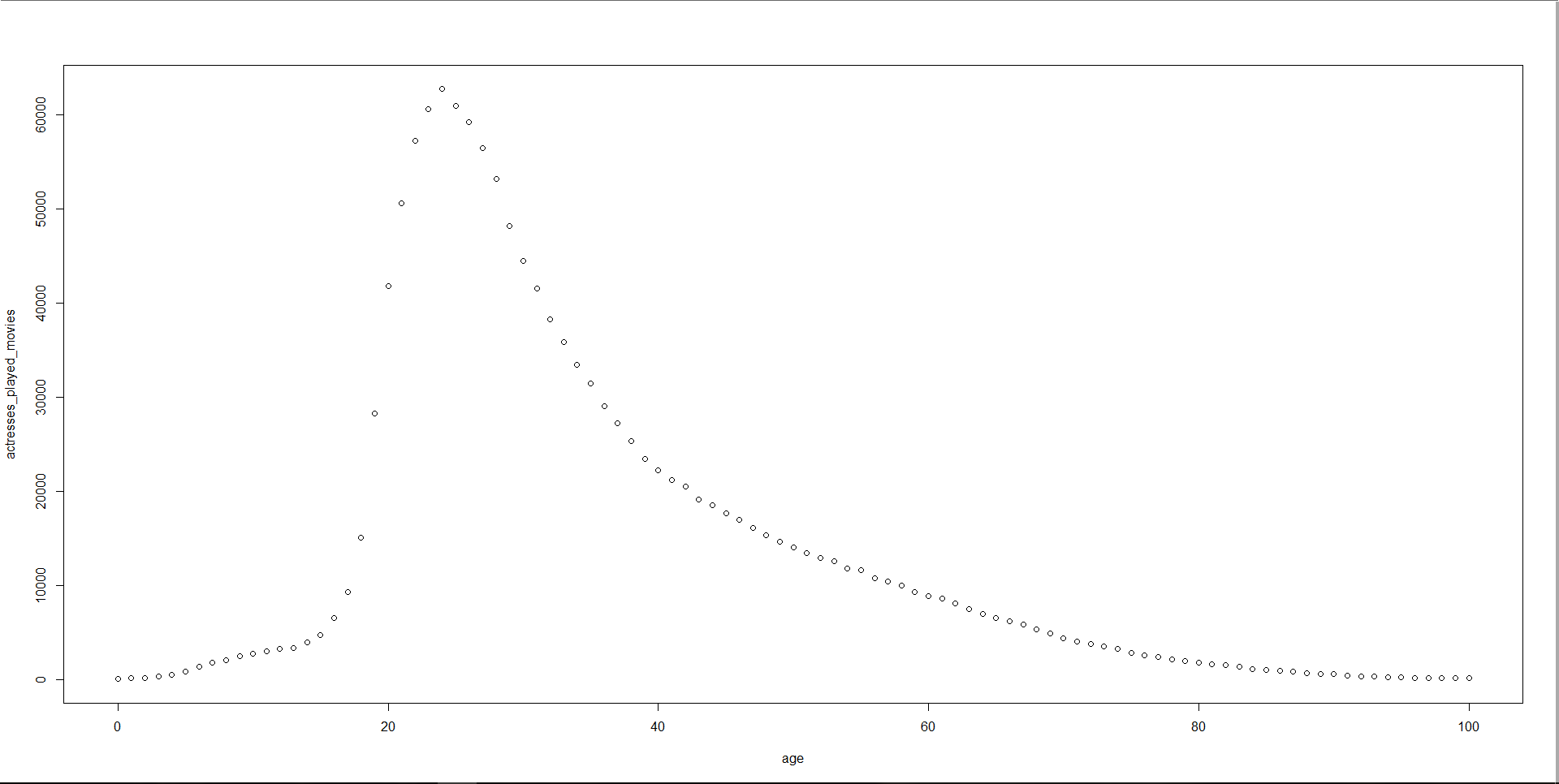
CREATE VIEW age\_count AS SELECT M.year\_of\_release - CAST(A.birth\_date AS INTEGER) AS age, COUNT(A.actor\_id) AS actresses\_played\_movies FROM final.actors A INNER JOIN final.movie\_actors MA ON A.actor\_id=MA.actor\_id INNER JOIN final.movie M ON MA.movie\_id=M.movie\_id WHERE M.year\_of\_release IS NOT NULL AND A.birth\_date IS NOT NULL AND A.gender = 'f' AND M.year\_of\_release - CAST(A.birth\_date AS INTEGER) BETWEEN 0 AND 100 GROUP BY M.year\_of\_release - CAST(A.birth\_date AS INTEGER) ORDER BY age;

> ageCount <- dbReadTable(con, c("final","age\_count"))

> model=lm(actresses\_played\_movies~., data=ageCount)



> plot(ageCount)