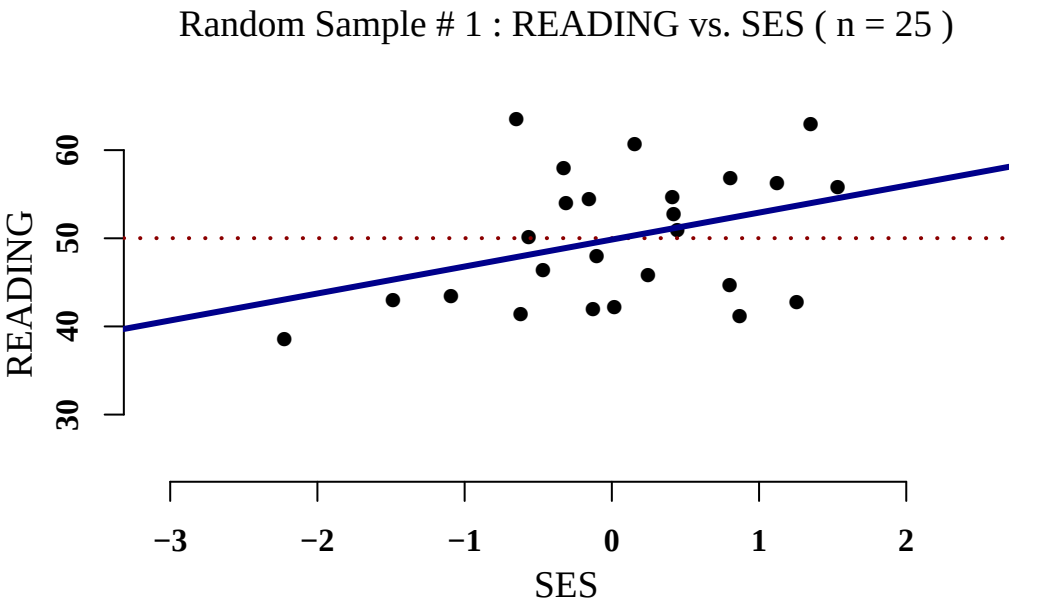
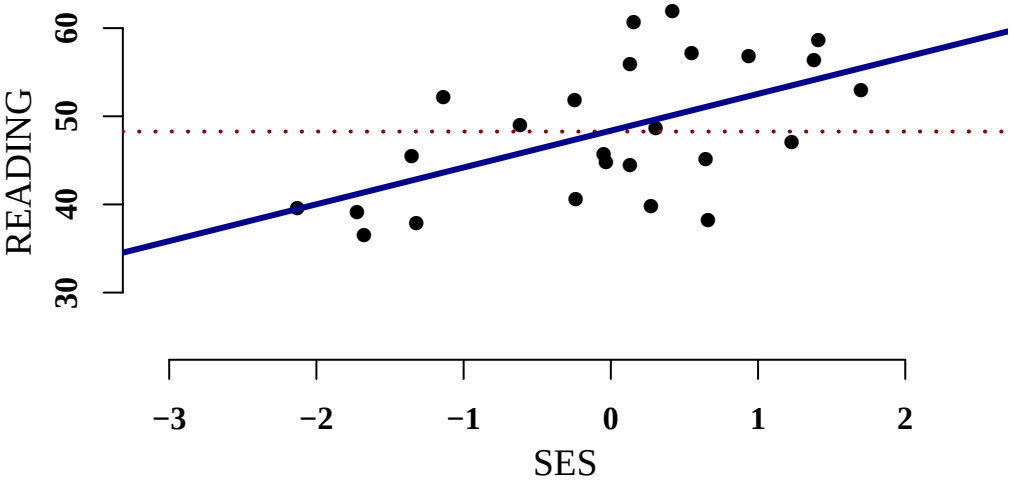
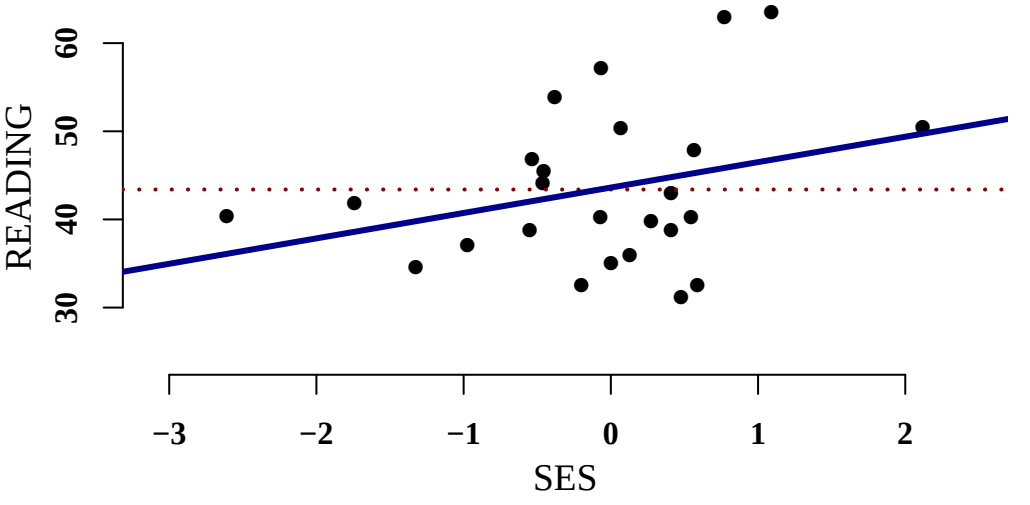

Random Sample # 1 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 49.85539 + 3.059111 * SES Standard Error For Slope = 1.60 p = 0.06784728

Random Sample # 2 : READING vs. SES (n = 25)

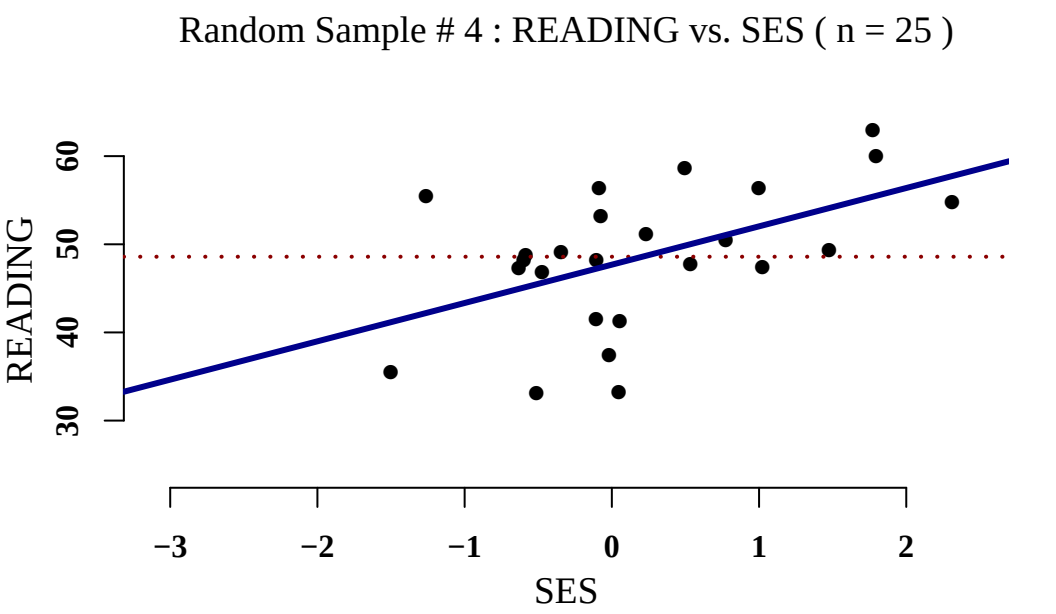


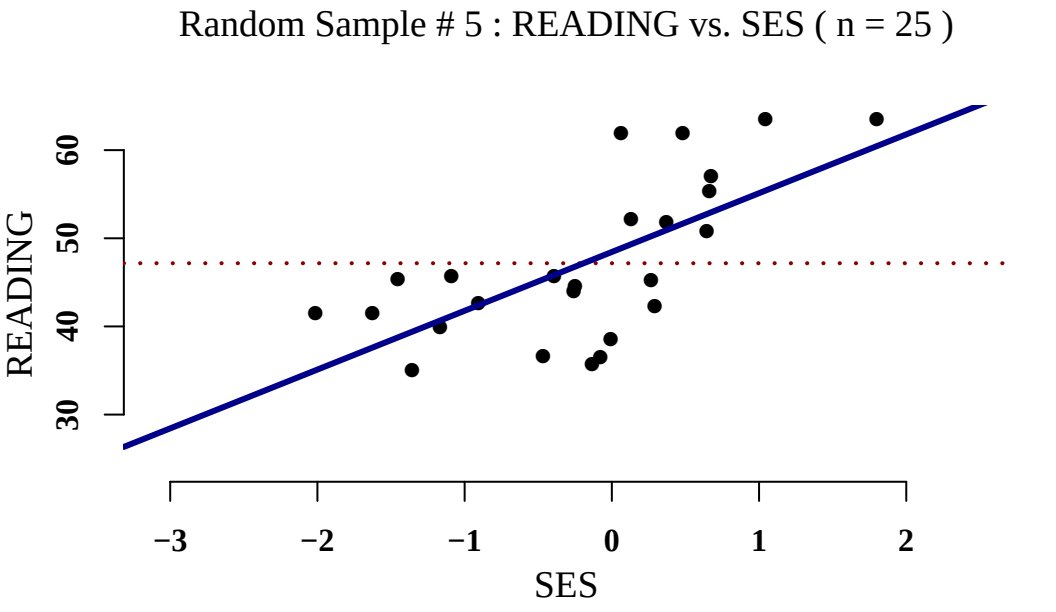
Fitted Model: Predicted READING = 48.36926 + 4.175474 * SES Standard Error For Slope = 1.29 p = 0.003600686

Random Sample # 3 : READING vs. SES (n = 25)

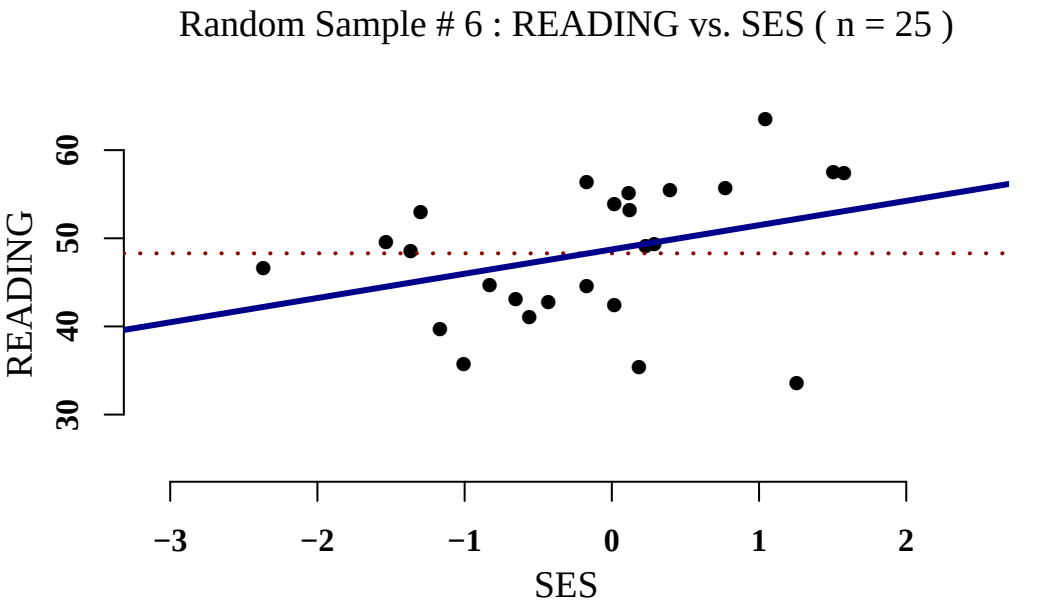


Fitted Model: Predicted READING = 43.61689 + 2.883552 * SES Standard Error For Slope = 1.88 p = 0.1394805

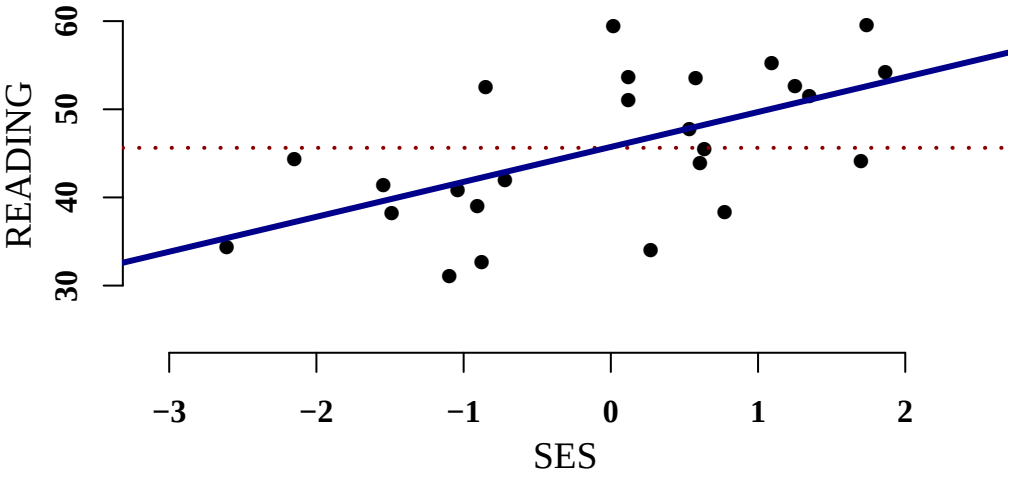

Random Sample # 4 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 47.6861 + 4.348233 * SES Standard Error For Slope = 1.52 p = 0.008852335



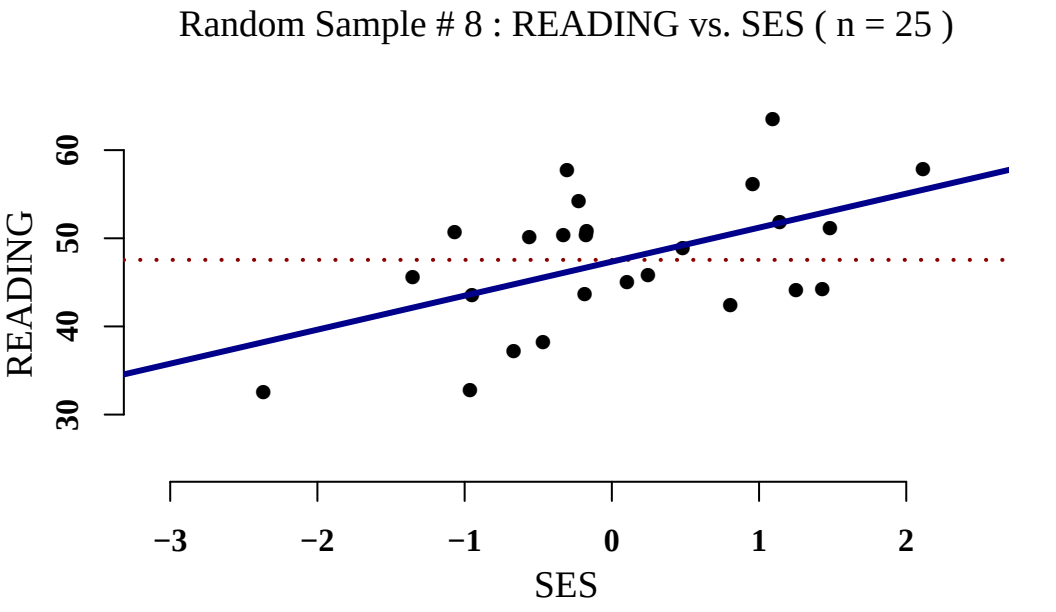
Fitted Model: Predicted READING = 48.44742 + 6.670856 * SES Standard Error For Slope = 1.54 p = 0.0002391829

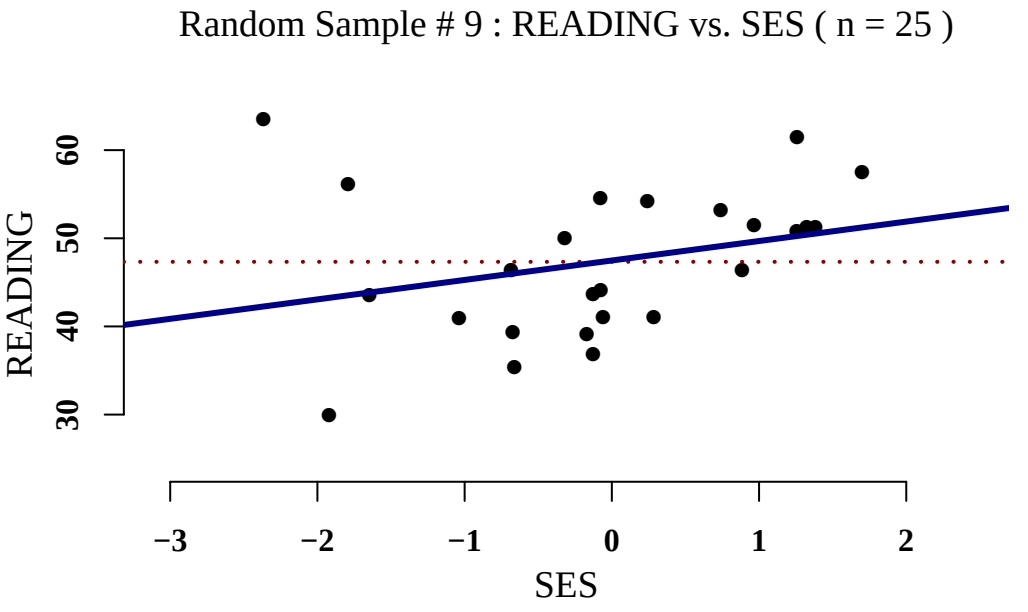

Random Sample # 6 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 48.7343 + 2.754488 * SES Standard Error For Slope = 1.56 p = 0.0915213

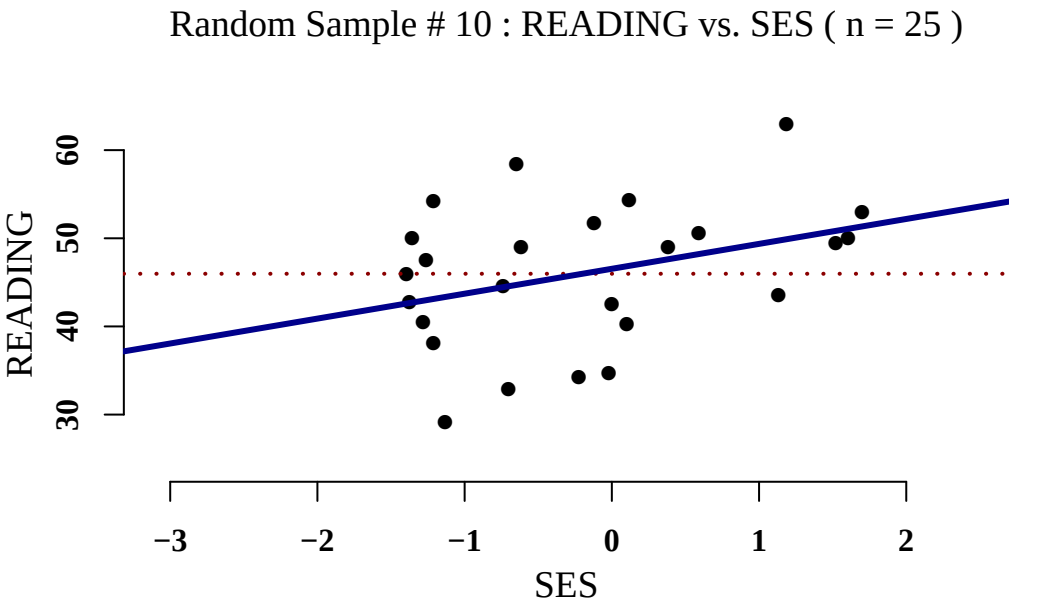
Random Sample # 7 : READING vs. SES (n = 25)

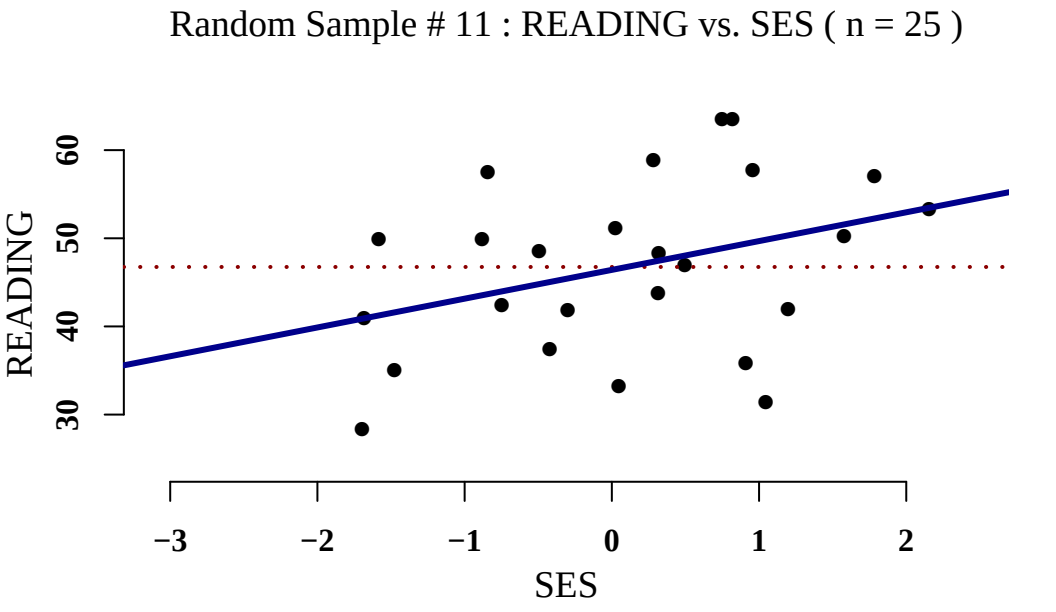


Fitted Model: Predicted READING = 45.72923 + 3.962485 * SES Standard Error For Slope = 1.14 p = 0.002091967

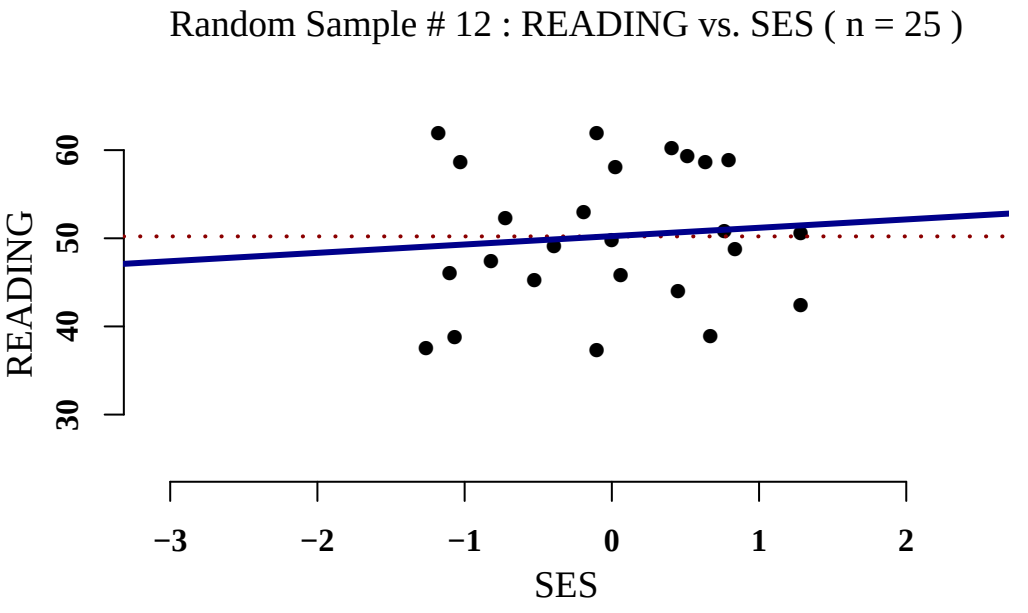

Random Sample # 8 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 47.34737 + 3.858215 * SES Standard Error For Slope = 1.28 p = 0.006339791

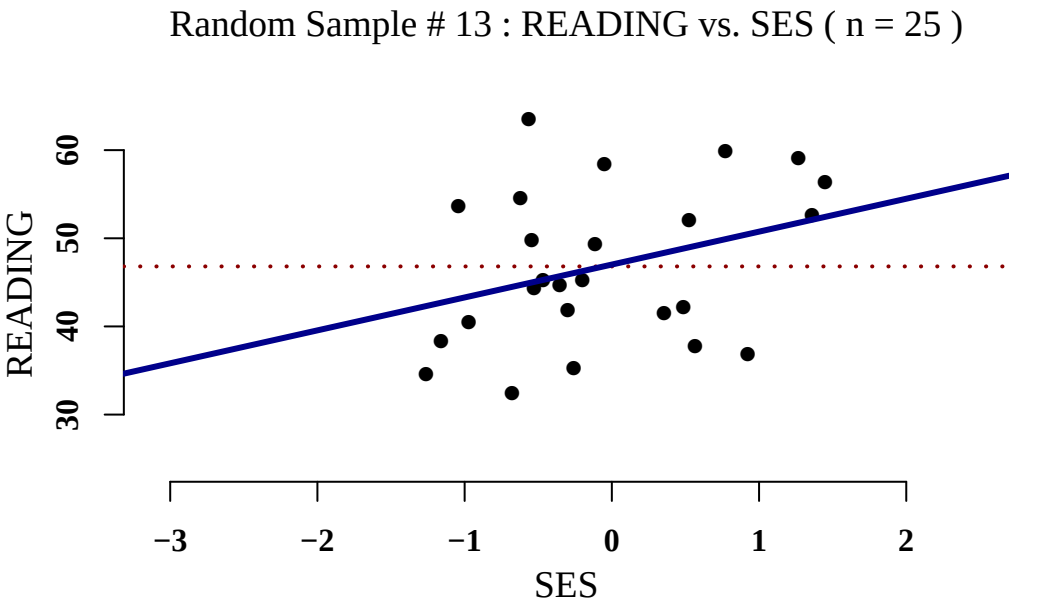

Random Sample # 9 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 47.48169 + 2.206652 * SES Standard Error For Slope = 1.50 p = 0.1546269


Random Sample # 10 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 46.53976 + 2.825824 * SES Standard Error For Slope = 1.57 p = 0.08558099

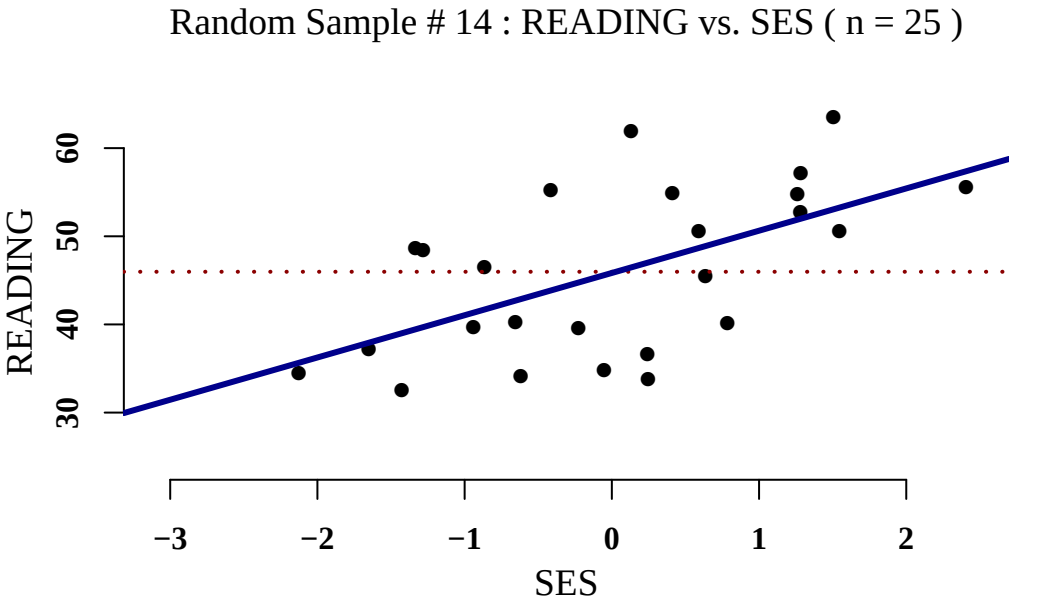


Fitted Model: Predicted READING = 46.41621 + 3.266707 * SES Standard Error For Slope = 1.75 p = 0.0750948

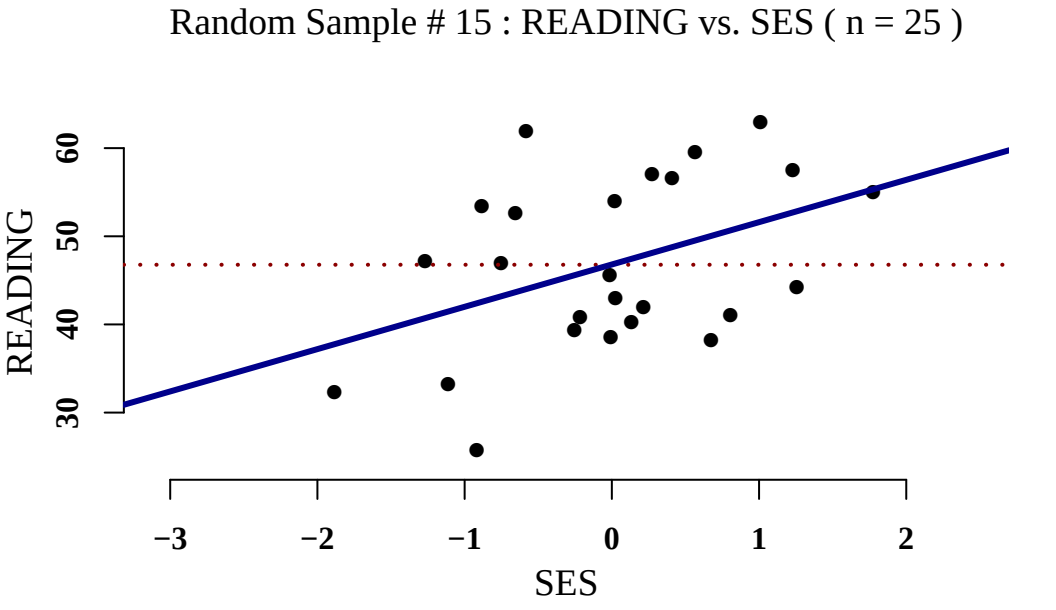

Random Sample # 12 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 50.24394 + 0.9476108 * SES Standard Error For Slope = 2.10 p = 0.6558597

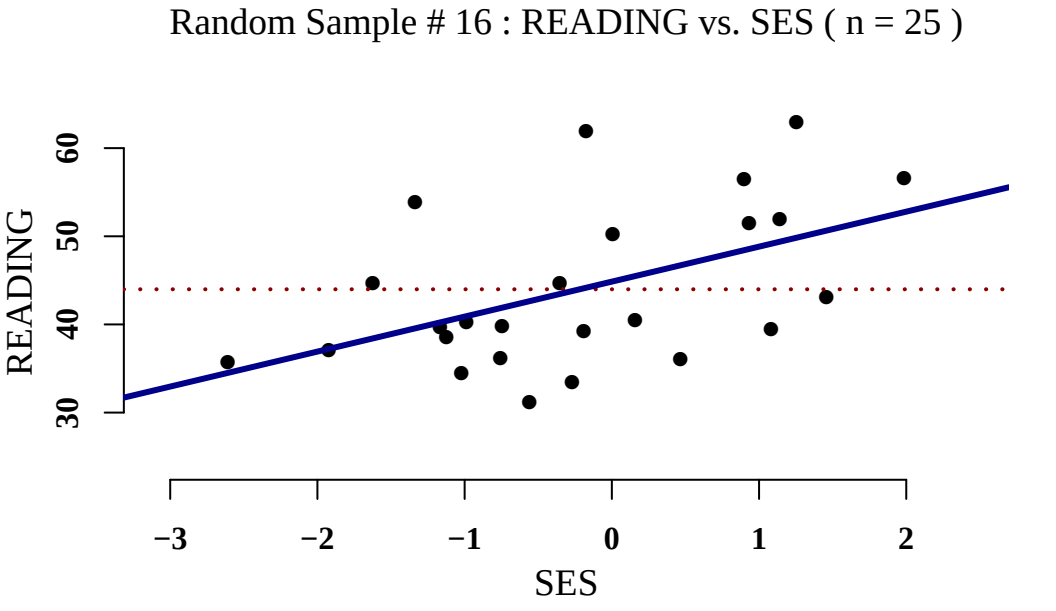


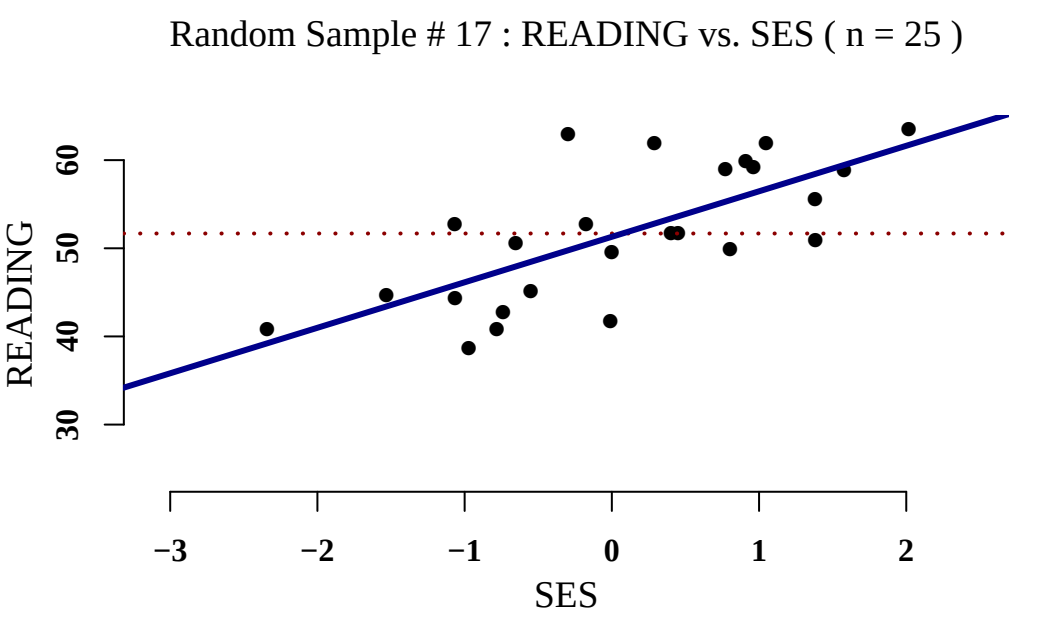
Fitted Model: Predicted READING = 47.01921 + 3.733588 * SES Standard Error For Slope = 2.19 p = 0.1015675

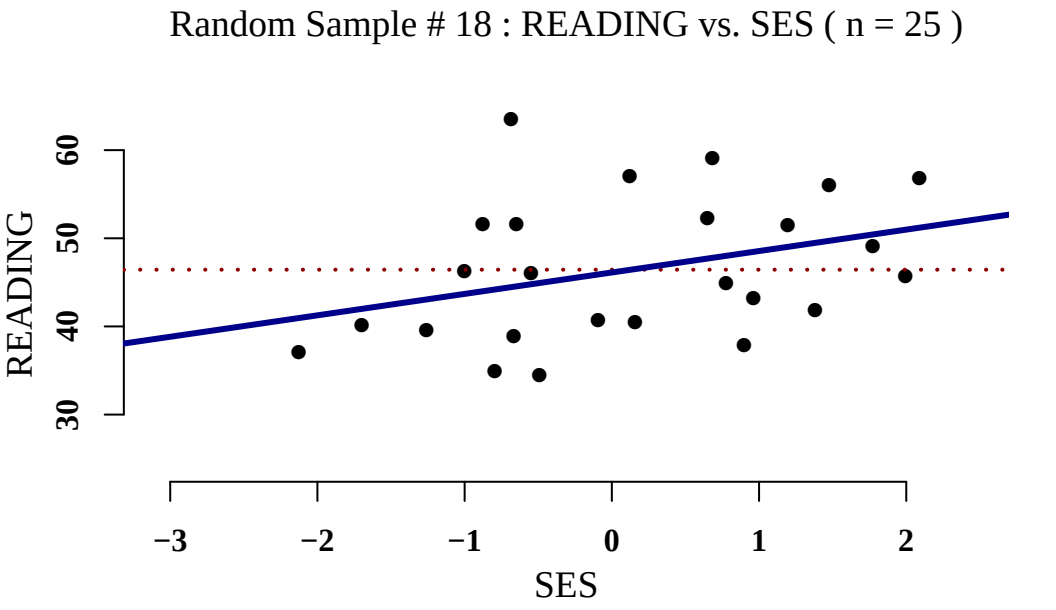


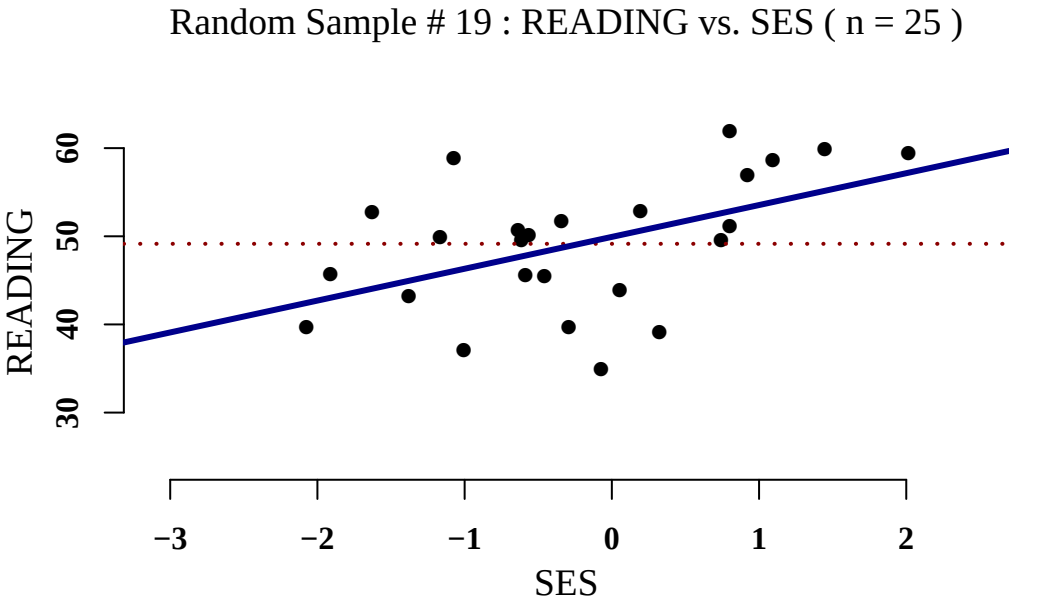
Fitted Model: Predicted READING = 45.83805 + 4.794463 * SES Standard Error For Slope = 1.38 p = 0.002045623

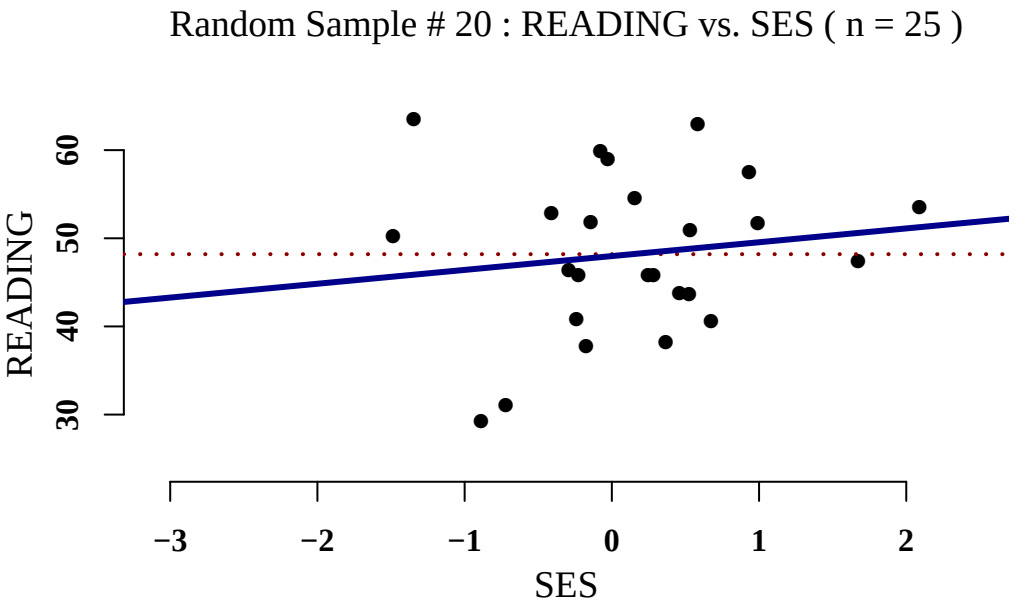

Random Sample # 15 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 46.80138 + 4.800824 * SES Standard Error For Slope = 2.14 p = 0.03453094

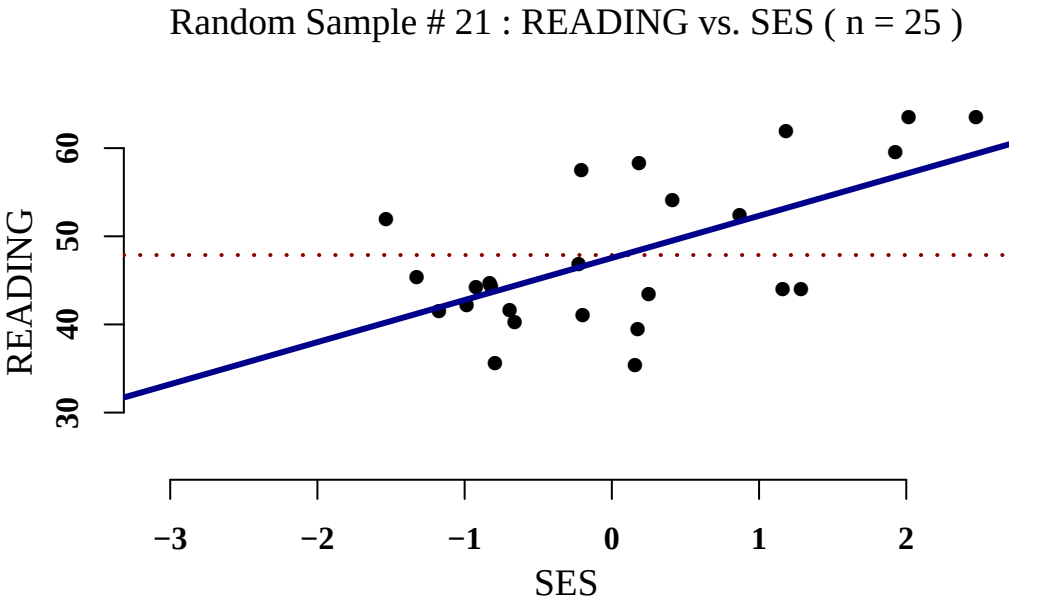

Random Sample # 16 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 44.85668 + 3.969044 * SES Standard Error For Slope = 1.42 p = 0.01034763

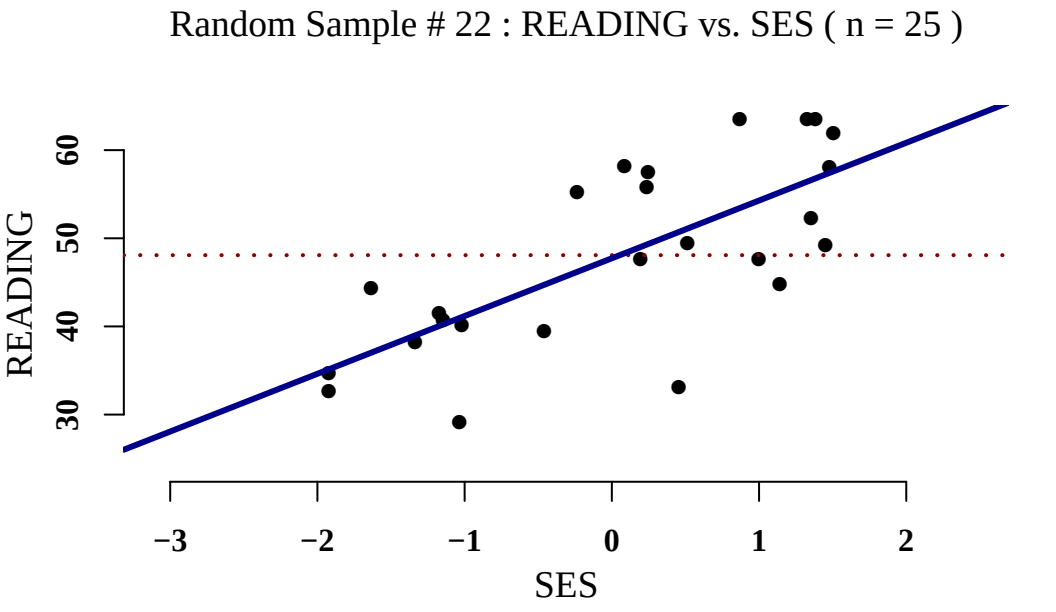

Random Sample # 17 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 51.30501 + 5.16169 * SES Standard Error For Slope = 1.06 p = 6.495597e−05

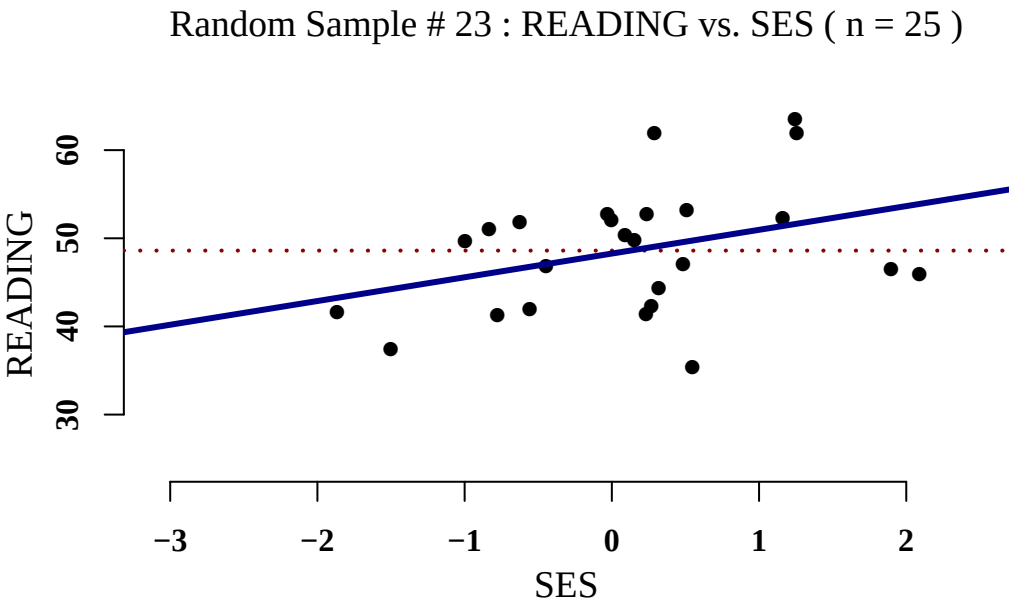

Random Sample # 18 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 46.12114 + 2.430787 * SES Standard Error For Slope = 1.34 p = 0.08348225


Random Sample # 19 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 49.93105 + 3.612996 * SES Standard Error For Slope = 1.30 p = 0.01061842

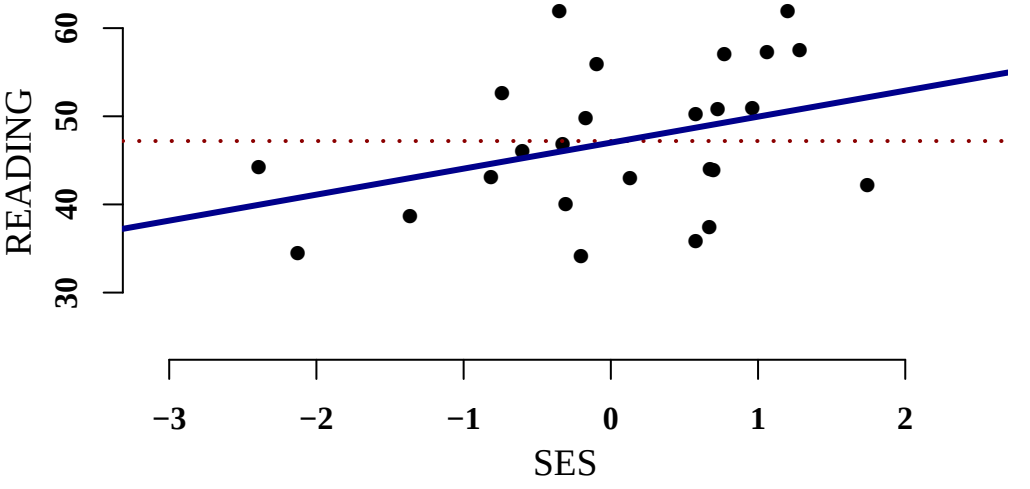

Random Sample # 20 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 47.97978 + 1.569338 * SES Standard Error For Slope = 2.27 p = 0.496095


Random Sample # 21 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 47.54351 + 4.775707 * SES Standard Error For Slope = 1.28 p = 0.001084053

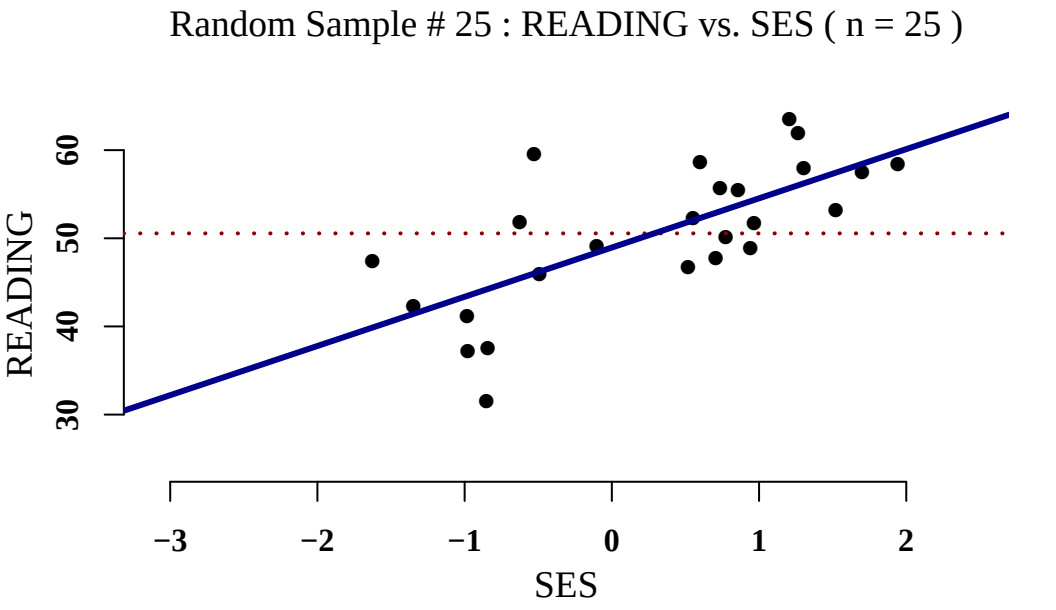

Random Sample # 22 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 47.73298 + 6.552187 * SES Standard Error For Slope = 1.31 p = 4.616241e−05

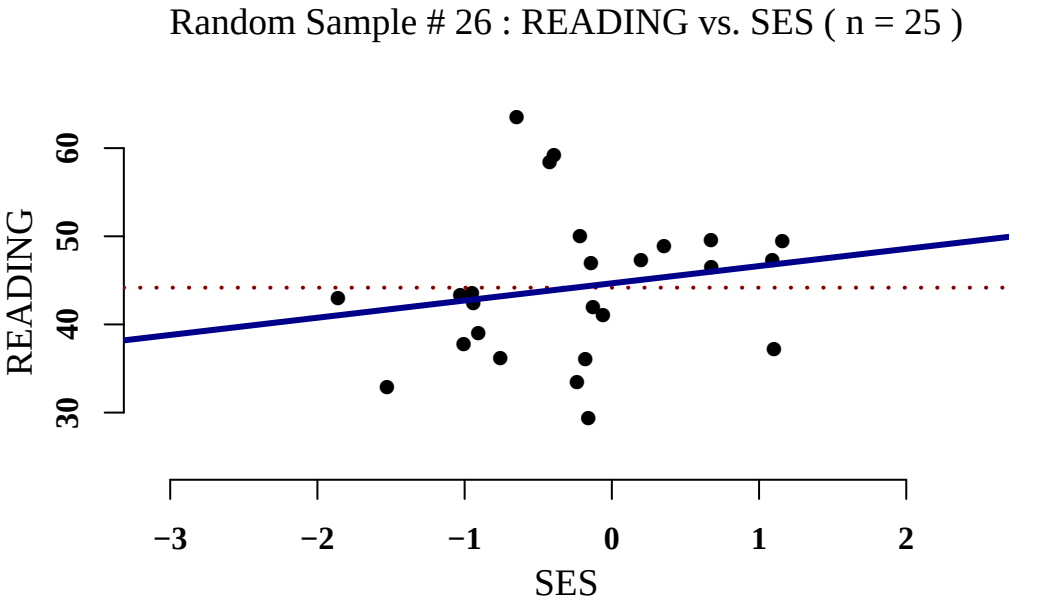

Random Sample # 23 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 48.26733 + 2.692497 * SES Standard Error For Slope = 1.47 p = 0.07907216

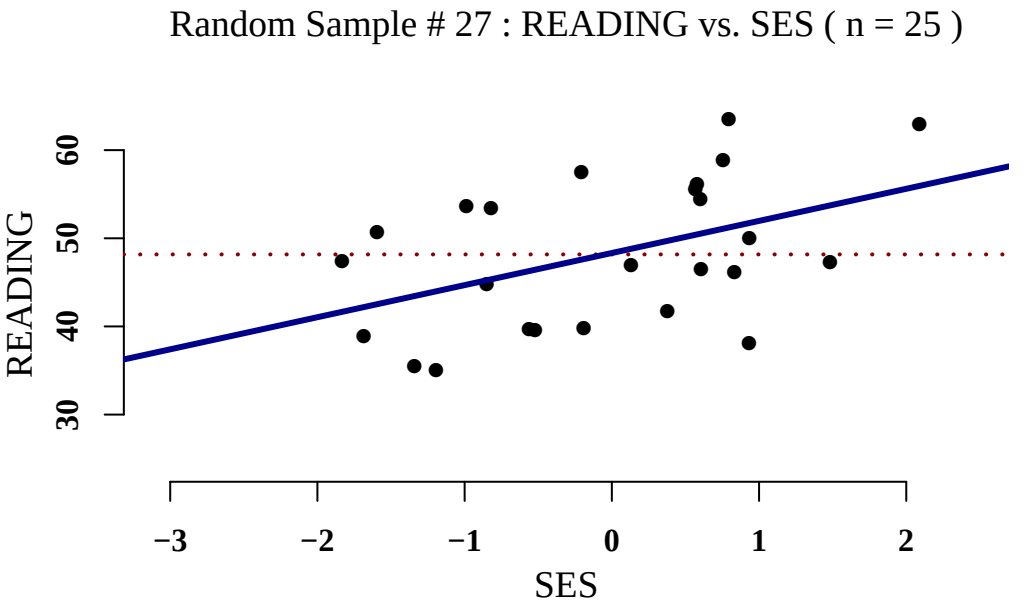
Random Sample # 24 : READING vs. SES (n = 25)



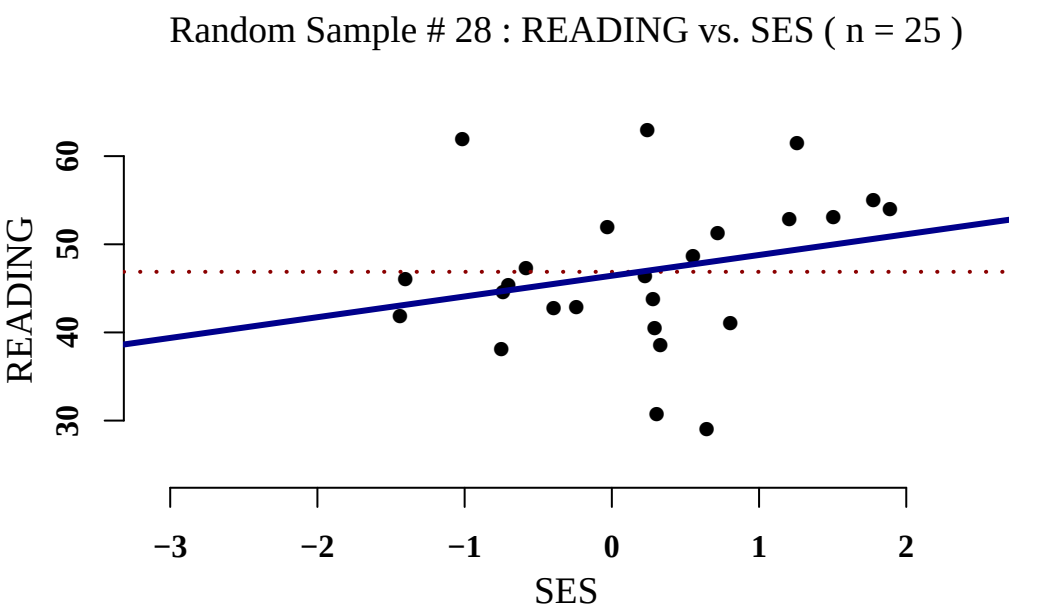
Fitted Model: Predicted READING = 47.00861 + 2.948824 * SES Standard Error For Slope = 1.57 p = 0.07319167


Random Sample # 25 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 48.94778 + 5.582821 * SES Standard Error For Slope = 1.17 p = 7.974705e−05

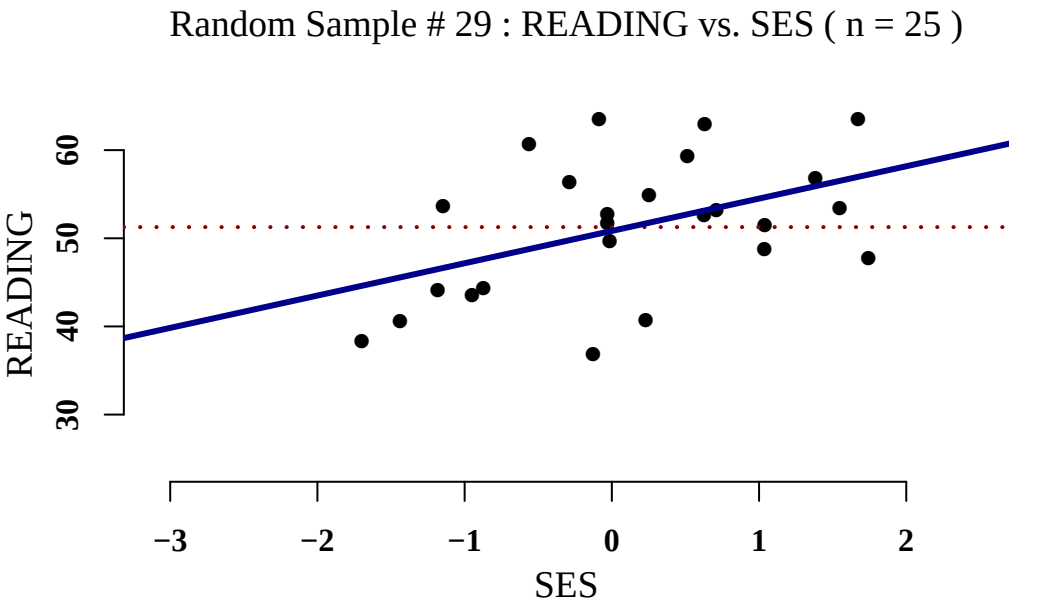

Random Sample # 26 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 44.66623 + 1.953229 * SES Standard Error For Slope = 2.15 p = 0.3734574

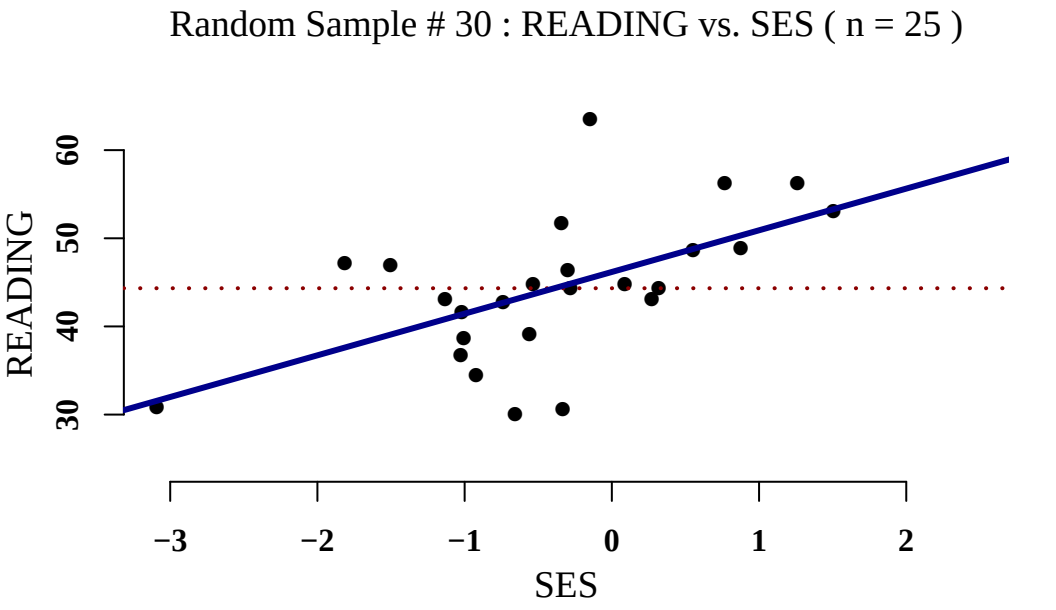


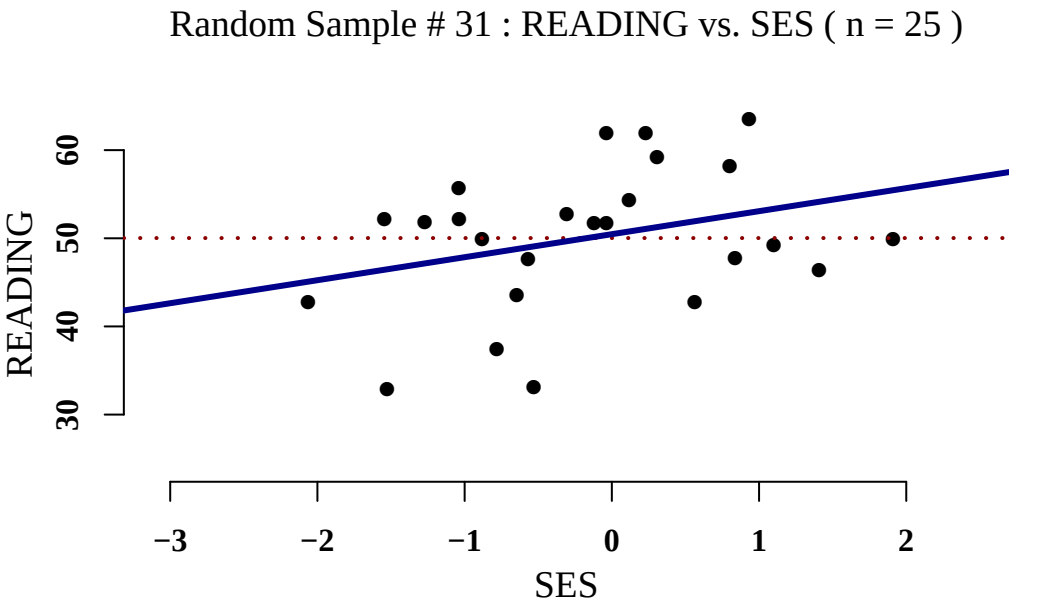
Fitted Model: Predicted READING = 48.33045 + 3.642580 * SES Standard Error For Slope = 1.47 p = 0.02078300

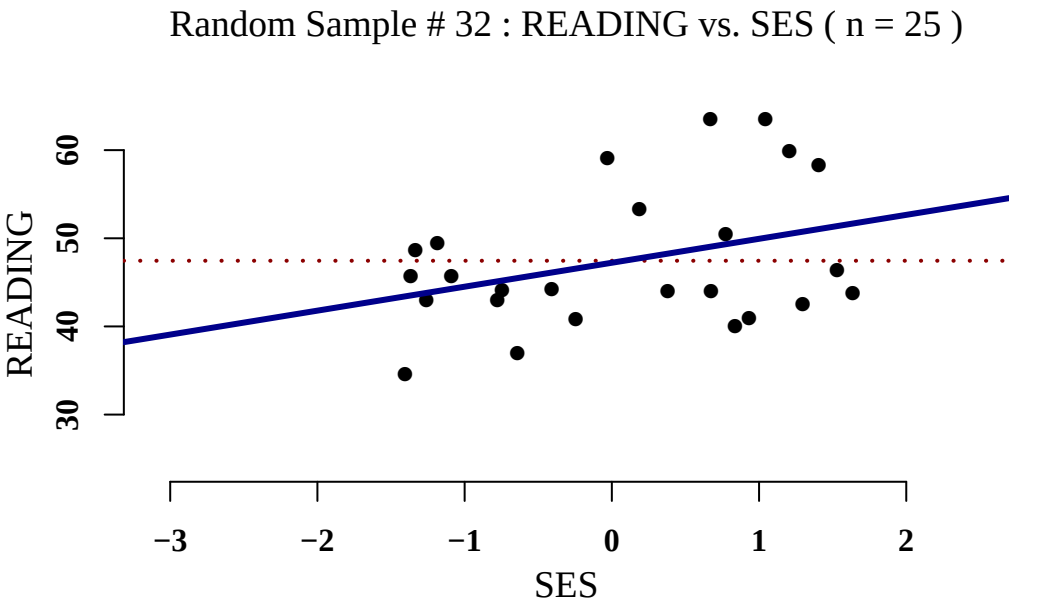


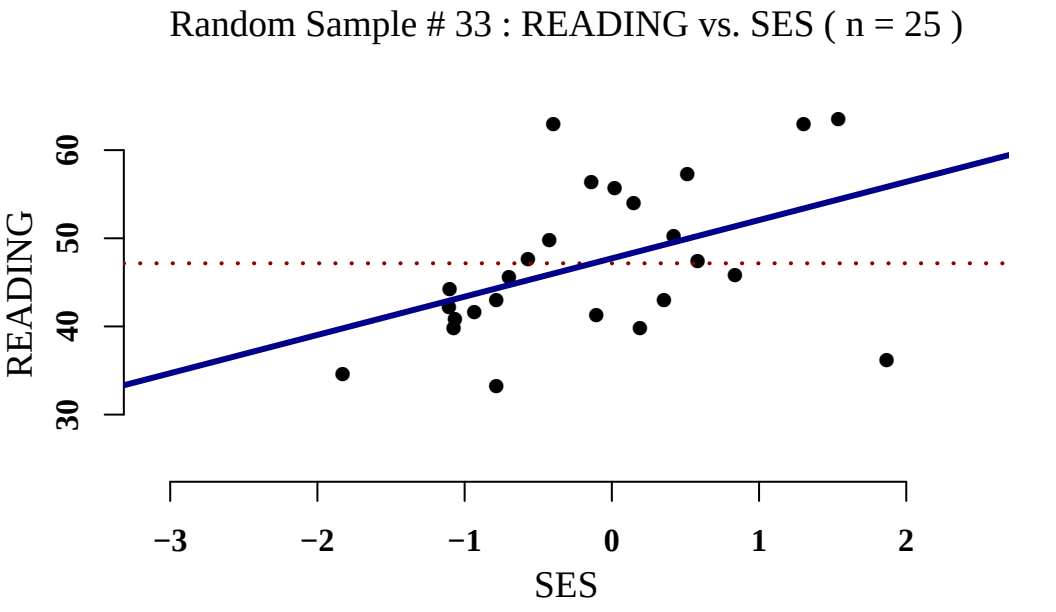
Fitted Model: Predicted READING = 46.43335 + 2.352507 * SES Standard Error For Slope = 1.89 p = 0.2252412

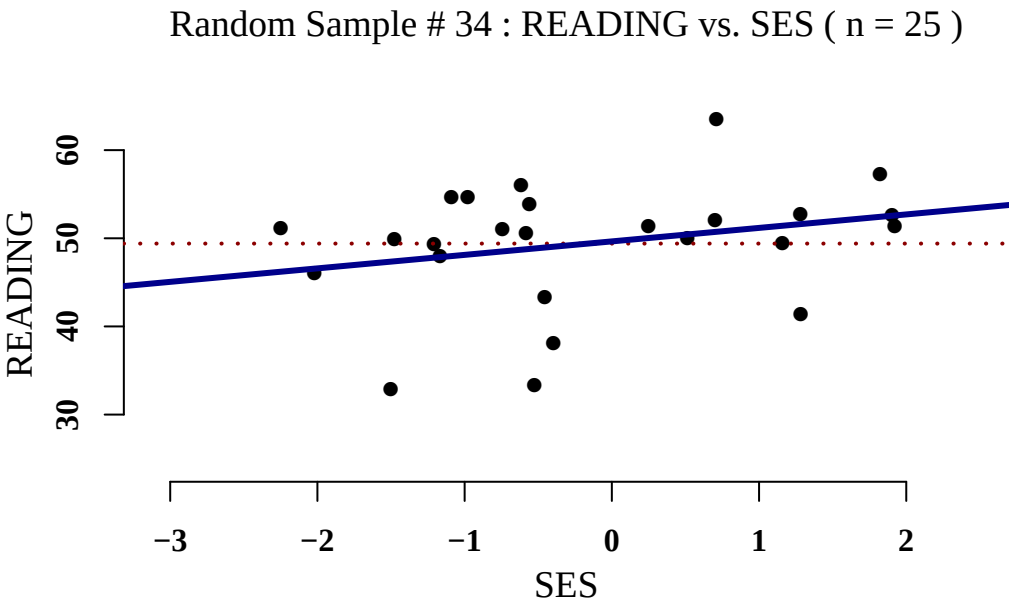

Random Sample # 29 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 50.83653 + 3.667841 * SES Standard Error For Slope = 1.46 p = 0.01928425


Random Sample # 30 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 46.17955 + 4.728073 * SES Standard Error For Slope = 1.40 p = 0.002659097

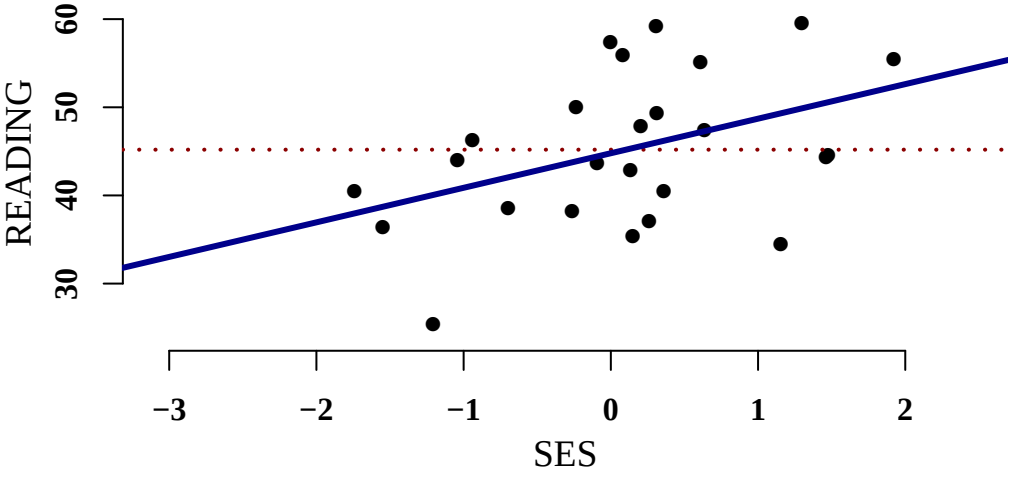

Random Sample # 31 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 50.46424 + 2.610958 * SES Standard Error For Slope = 1.61 p = 0.1187748


Random Sample # 32 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 47.22524 + 2.716513 * SES Standard Error For Slope = 1.49 p = 0.0817885

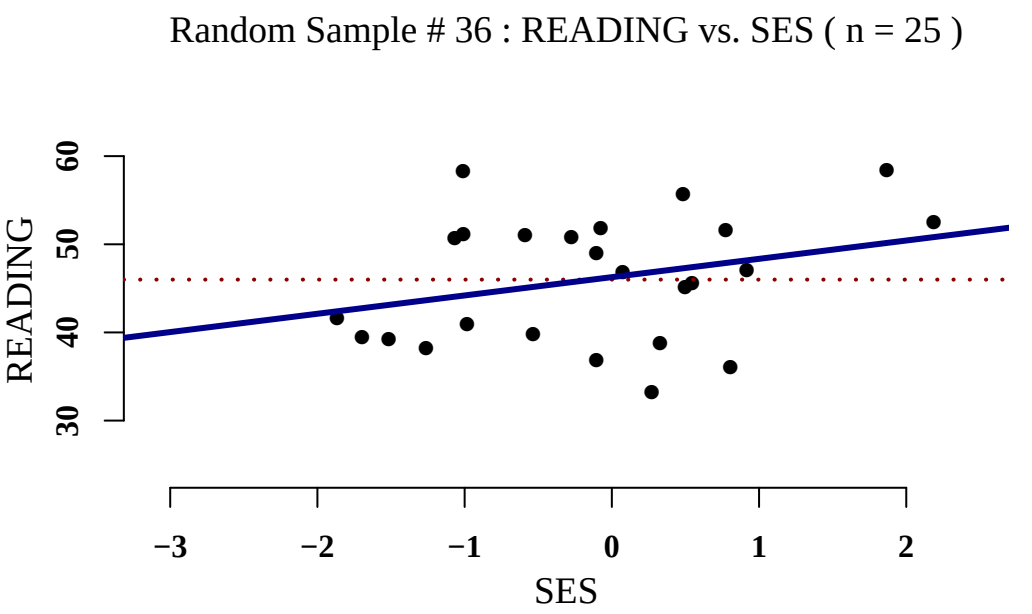

Random Sample # 33 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 47.72221 + 4.343345 * SES Standard Error For Slope = 1.78 p = 0.02286812

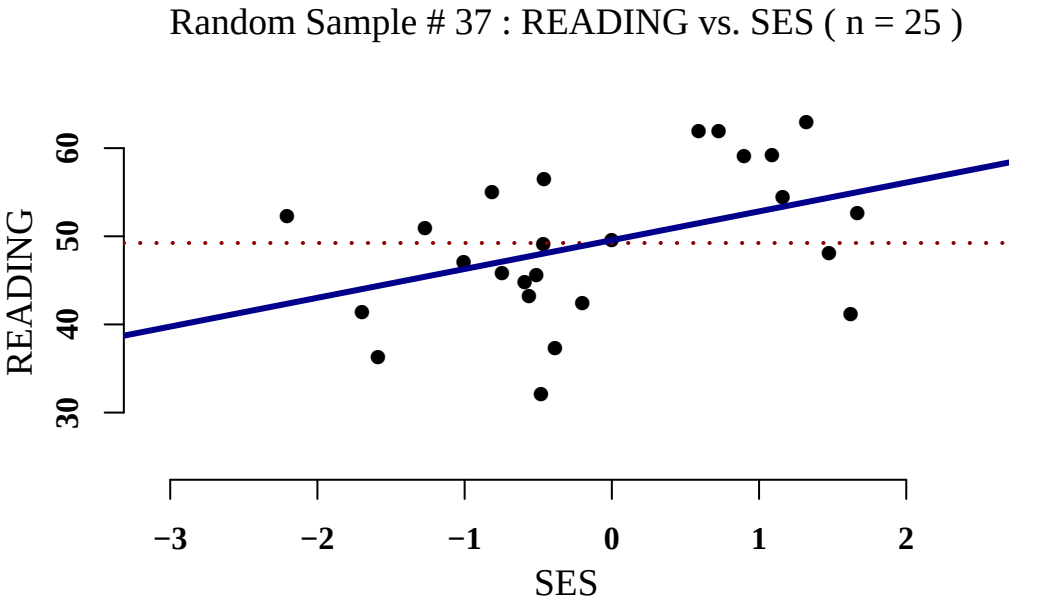

Random Sample # 34 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 49.6478 + 1.529792 * SES Standard Error For Slope = 1.15 p = 0.1960845

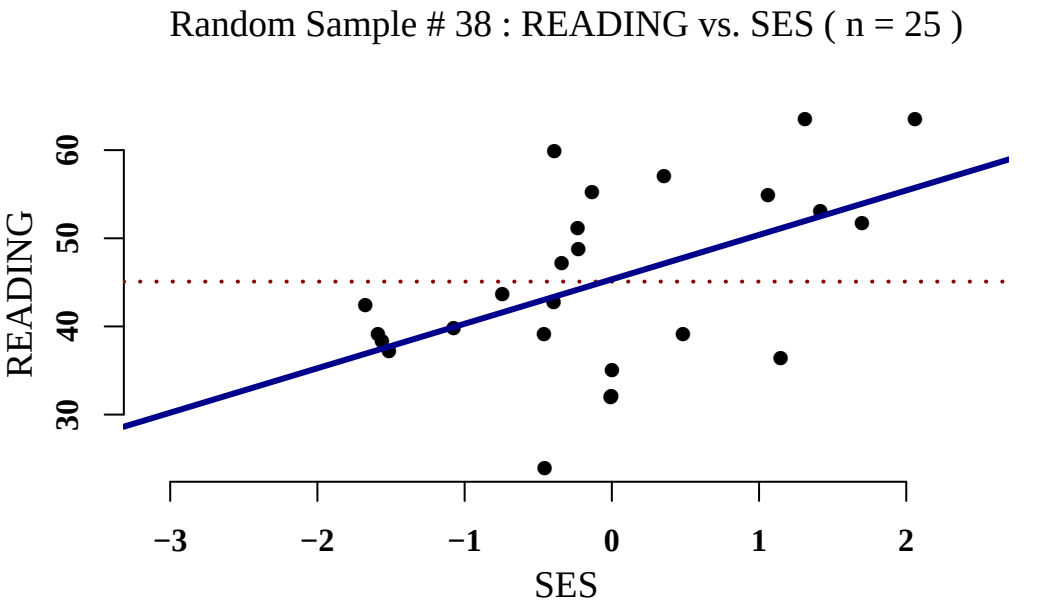
Random Sample # 35 : READING vs. SES (n = 25)

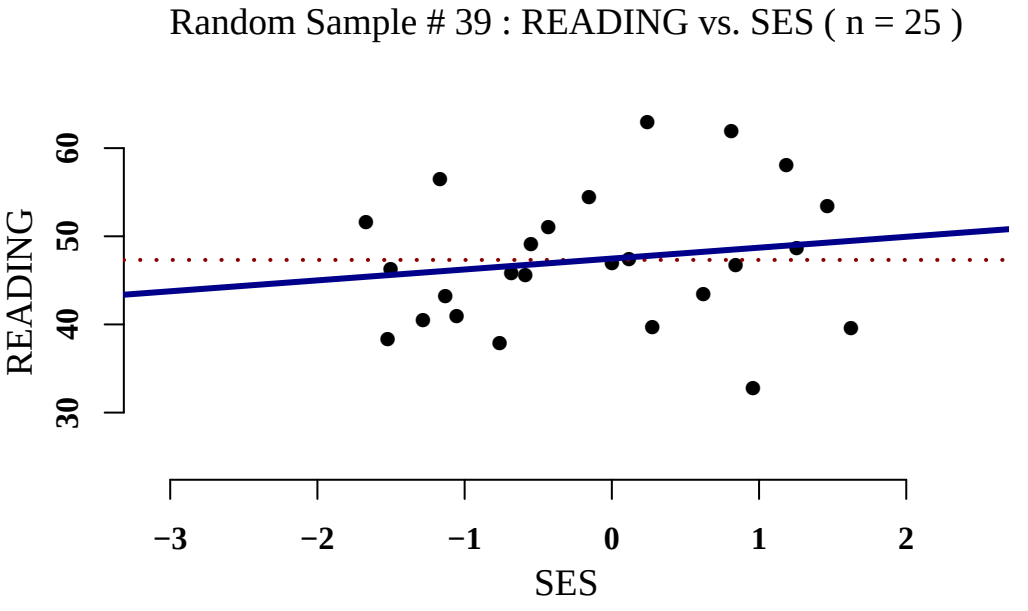


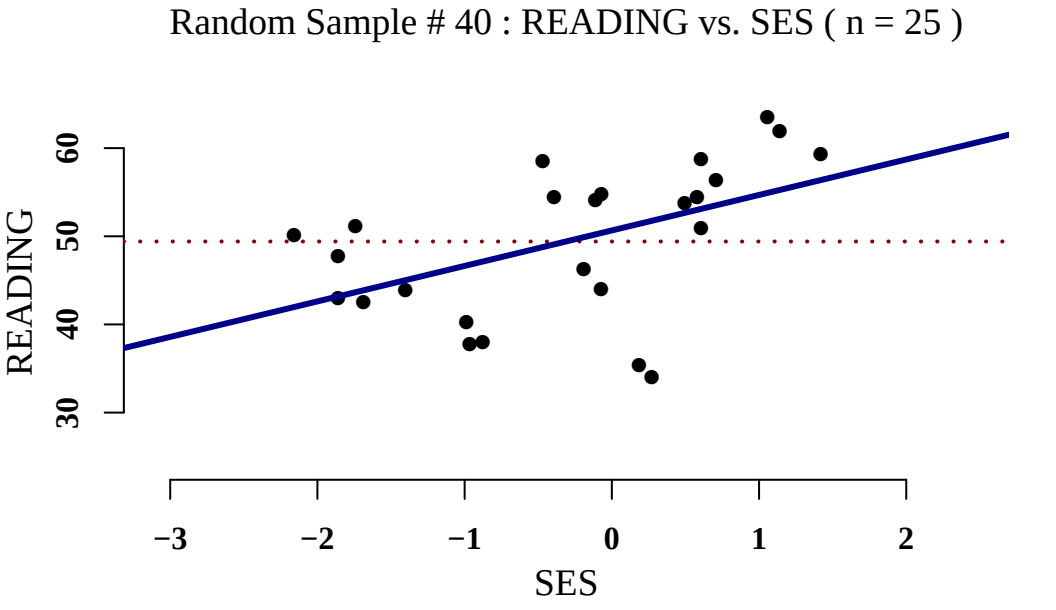
Fitted Model: Predicted READING = 44.78709 + 3.9202 * SES Standard Error For Slope = 1.74 p = 0.03385215

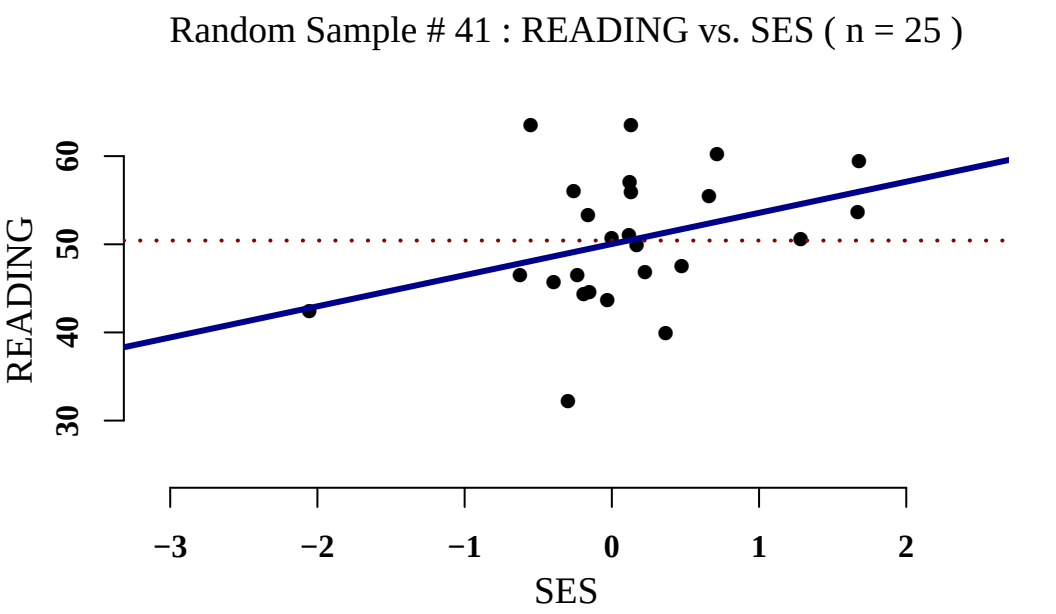

Random Sample # 36 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 46.27168 + 2.077041 * SES Standard Error For Slope = 1.38 p = 0.1446000


Random Sample # 37 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 49.55811 + 3.267856 * SES Standard Error For Slope = 1.44 p = 0.03301324

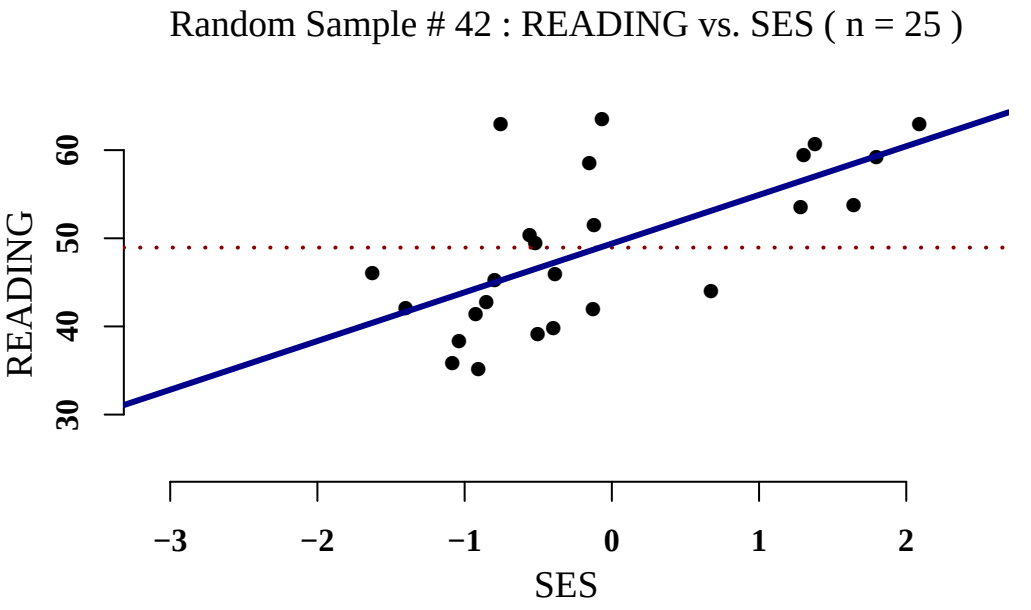

Random Sample # 38 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 45.34303 + 5.042866 * SES Standard Error For Slope = 1.79 p = 0.009917817


Random Sample # 39 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 47.47085 + 1.236888 * SES Standard Error For Slope = 1.55 p = 0.4324497

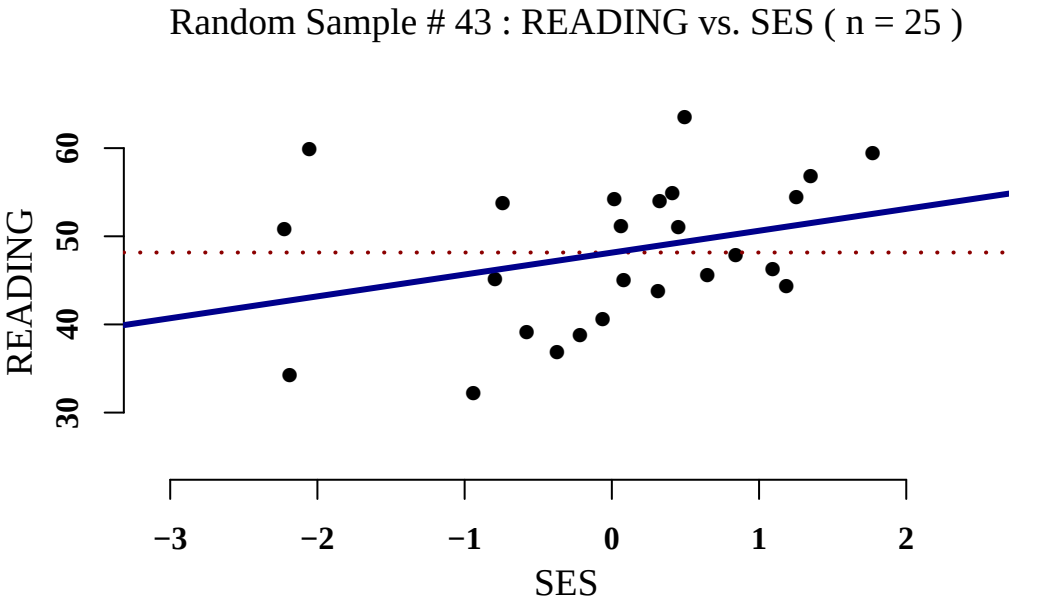

Random Sample # 40 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 50.66261 + 4.025429 * SES Standard Error For Slope = 1.47 p = 0.01147727



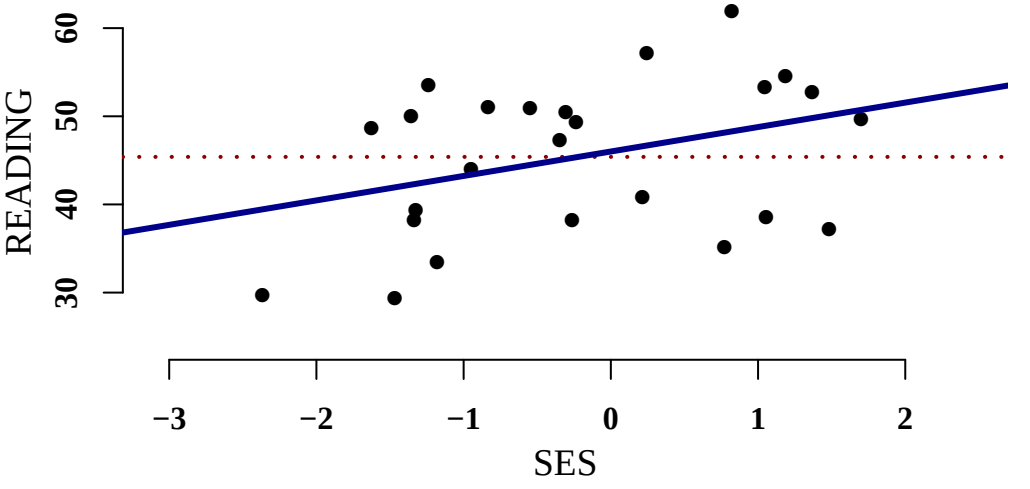
Fitted Model: Predicted READING = 50.0318 + 3.534362 * SES Standard Error For Slope = 1.95 p = 0.0824227



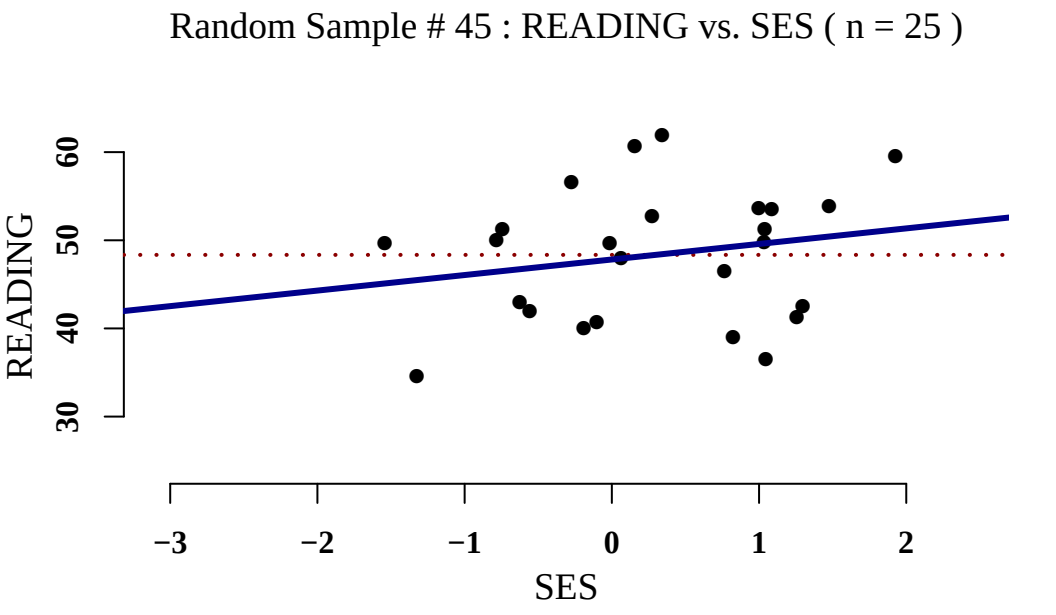
Fitted Model: Predicted READING = 49.39592 + 5.525309 * SES Standard Error For Slope = 1.36 p = 0.0004792445


Random Sample # 43 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 48.14681 + 2.481257 * SES Standard Error For Slope = 1.53 p = 0.1174223

Random Sample # 44 : READING vs. SES (n = 25)

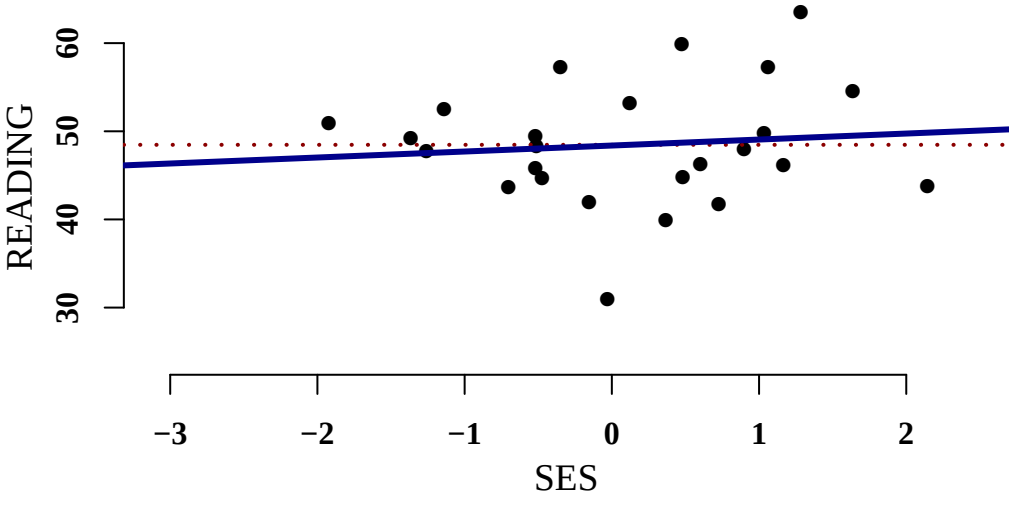


Fitted Model: Predicted READING = 46.00524 + 2.774066 * SES Standard Error For Slope = 1.49 p = 0.07576262

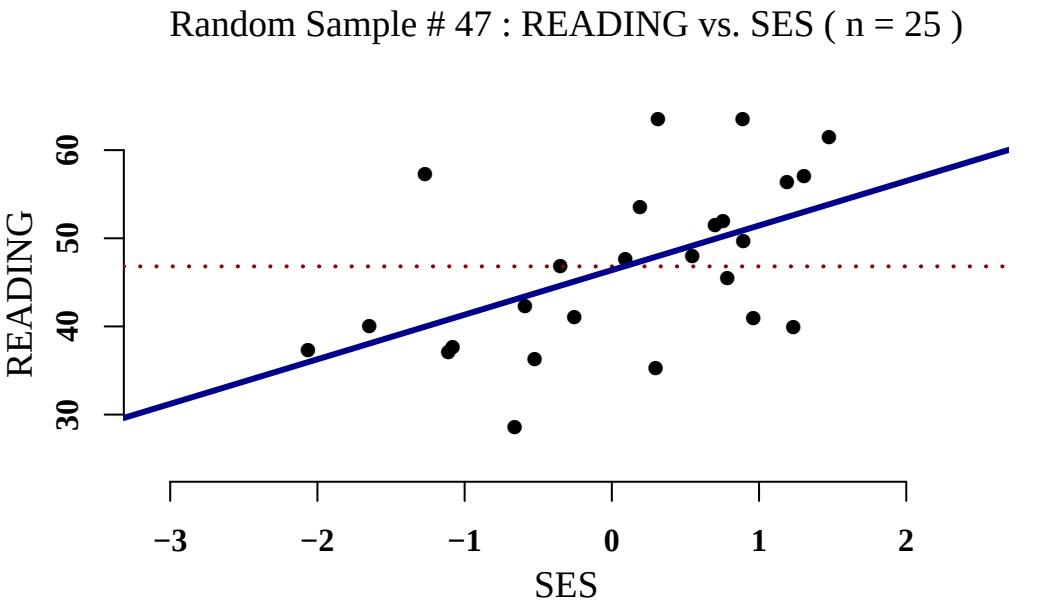


Fitted Model: Predicted READING = 47.82022 + 1.764160 * SES Standard Error For Slope = 1.68 p = 0.3052134

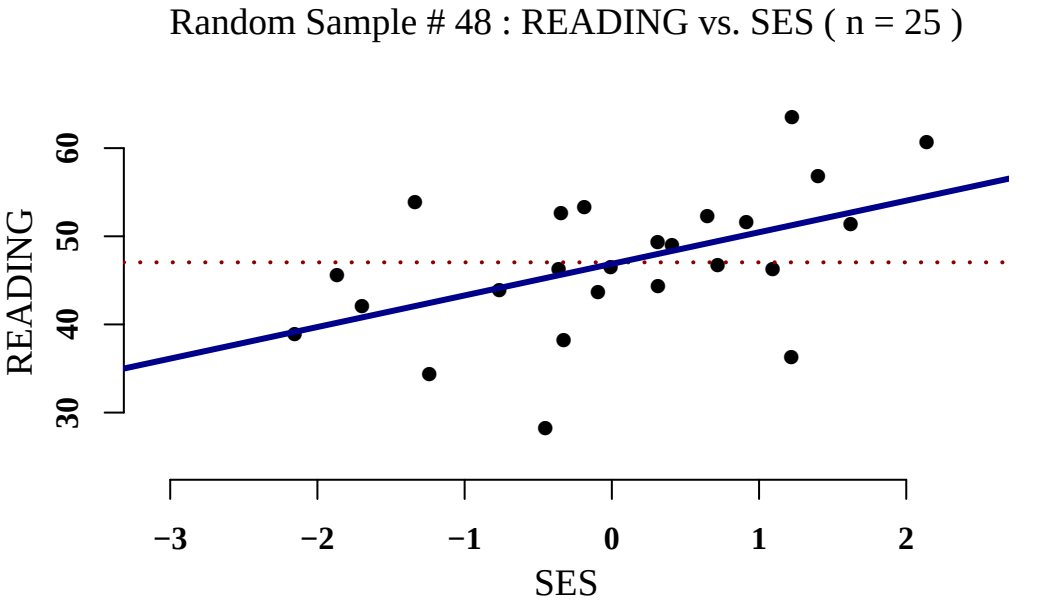
Random Sample # 46 : READING vs. SES (n = 25)

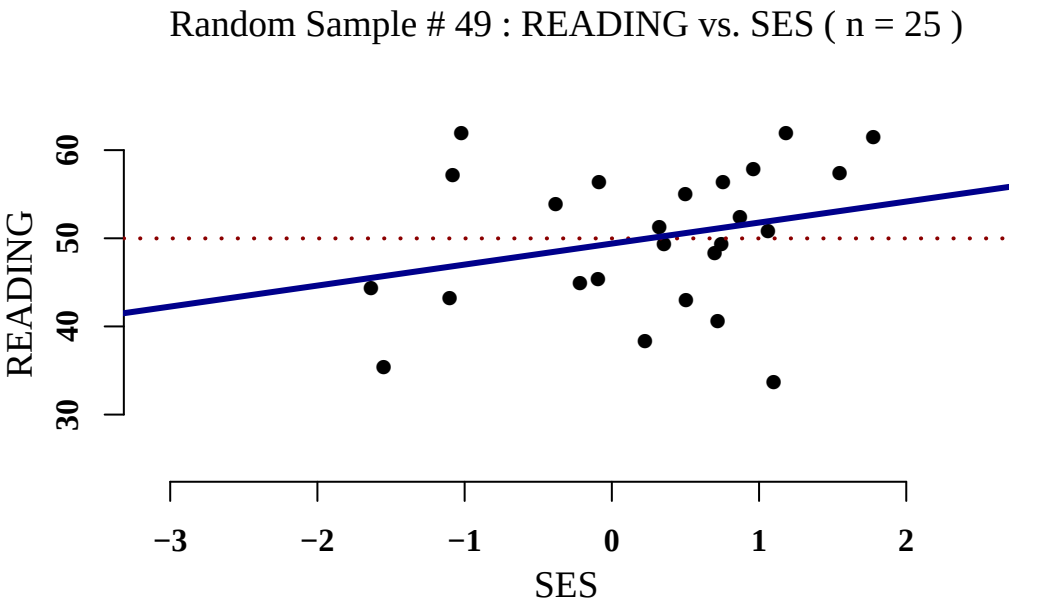


Fitted Model: Predicted READING = 48.38302 + 0.6797981 * SES Standard Error For Slope = 1.42 p = 0.636573

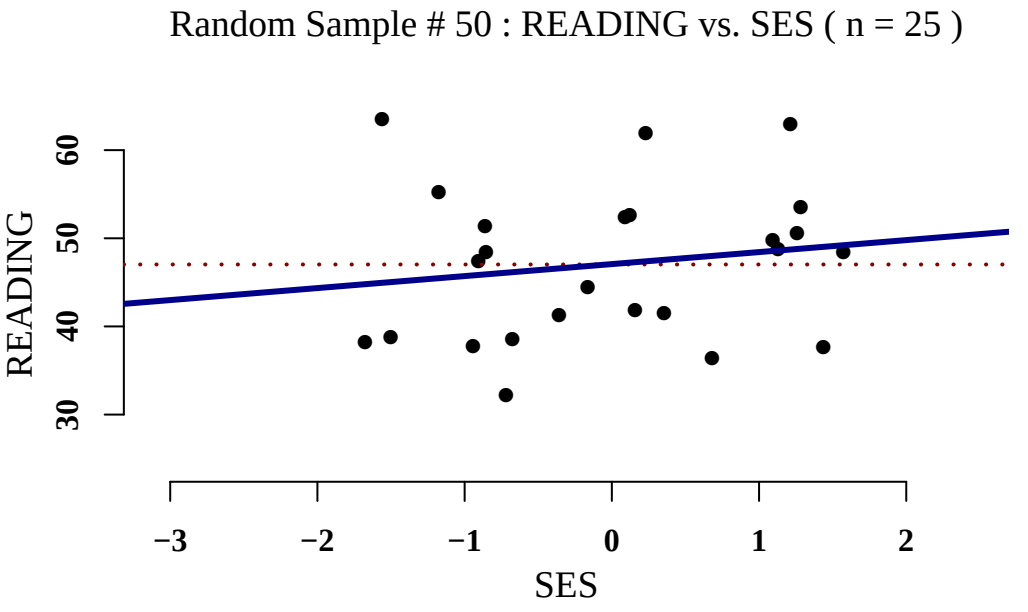


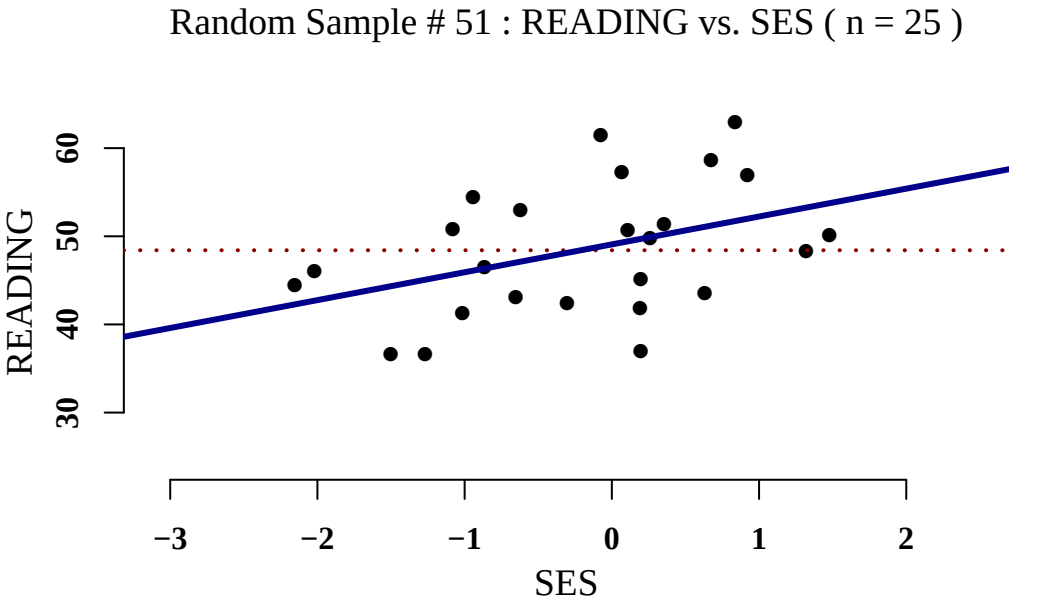
Fitted Model: Predicted READING = 46.38924 + 5.058368 * SES Standard Error For Slope = 1.72 p = 0.007240691

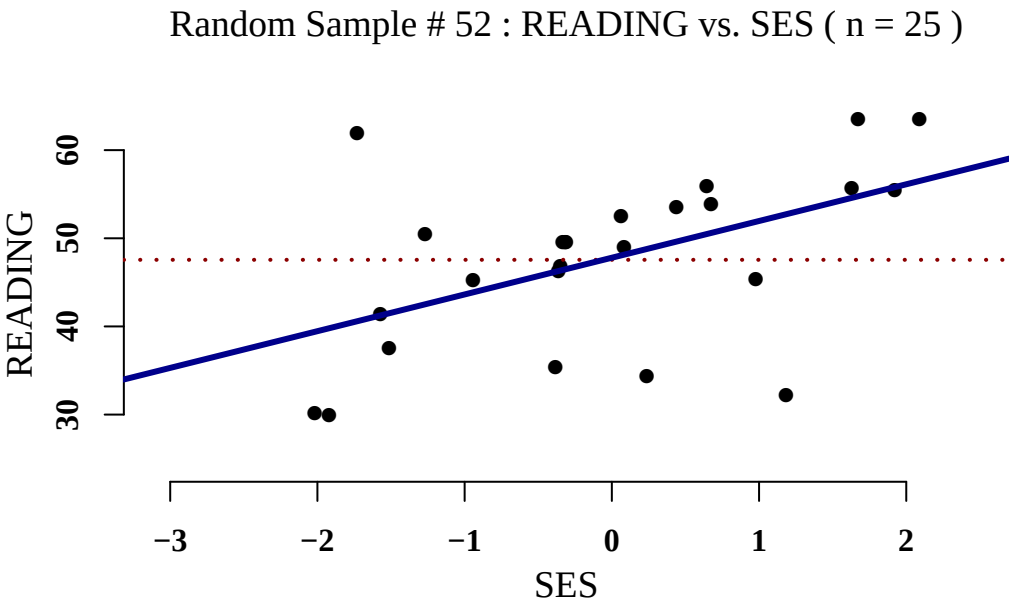

Random Sample # 48 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 46.87358 + 3.583277 * SES Standard Error For Slope = 1.29 p = 0.01052810



Fitted Model: Predicted READING = 49.39942 + 2.382041 * SES Standard Error For Slope = 1.75 p = 0.1856263

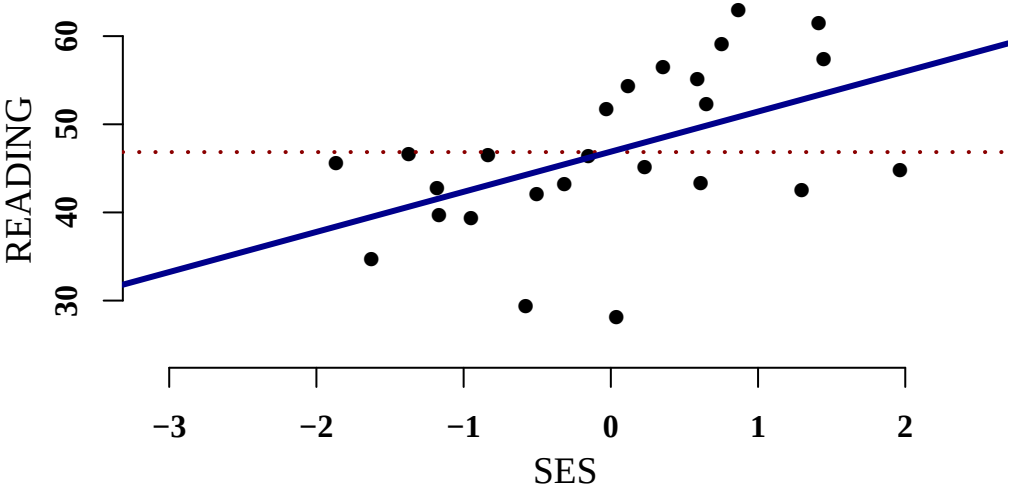

Random Sample # 50 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 47.07195 + 1.360910 * SES Standard Error For Slope = 1.72 p = 0.4360944


Random Sample # 51 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 49.08145 + 3.161294 * SES Standard Error For Slope = 1.46 p = 0.04067517

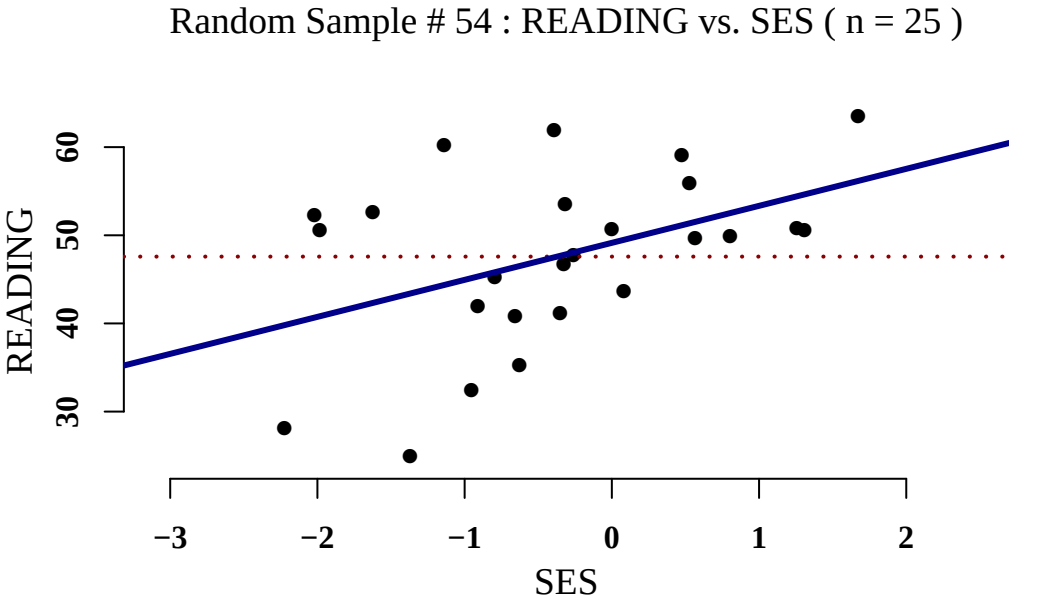


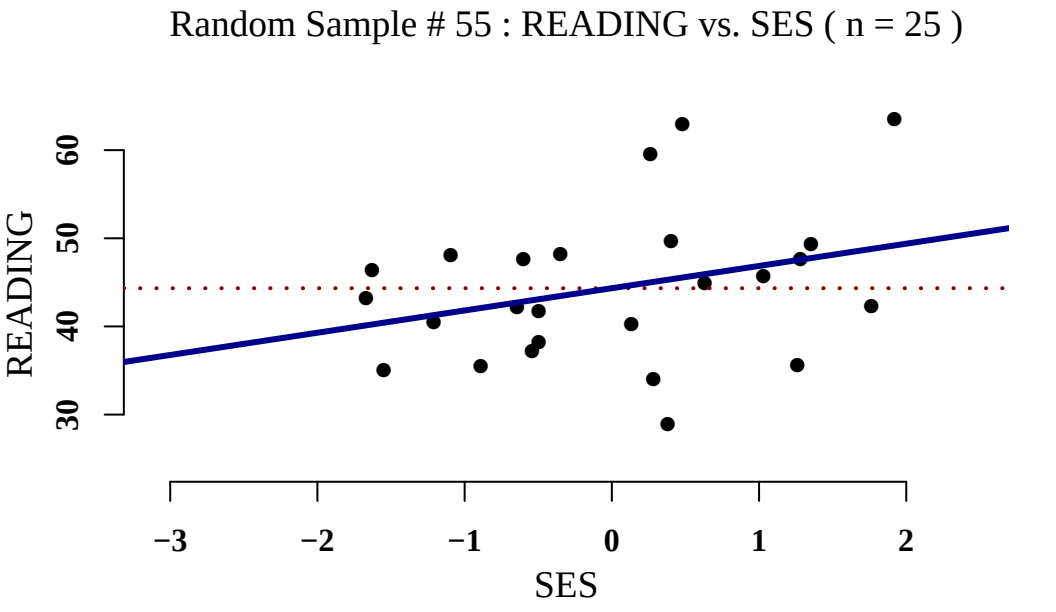
Fitted Model: Predicted READING = 47.79451 + 4.166074 * SES Standard Error For Slope = 1.46 p = 0.008904122

Random Sample # 53 : READING vs. SES (n = 25)

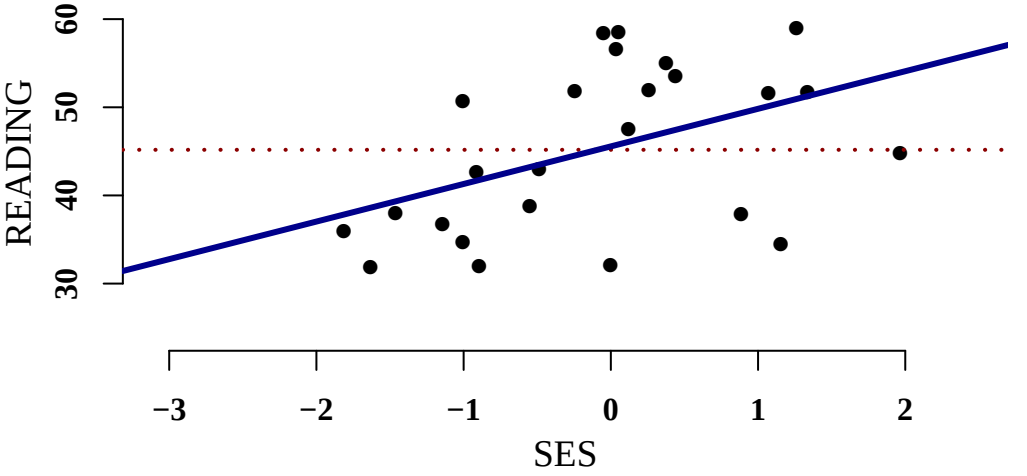


Fitted Model: Predicted READING = 46.89314 + 4.551967 * SES Standard Error For Slope = 1.60 p = 0.00903227

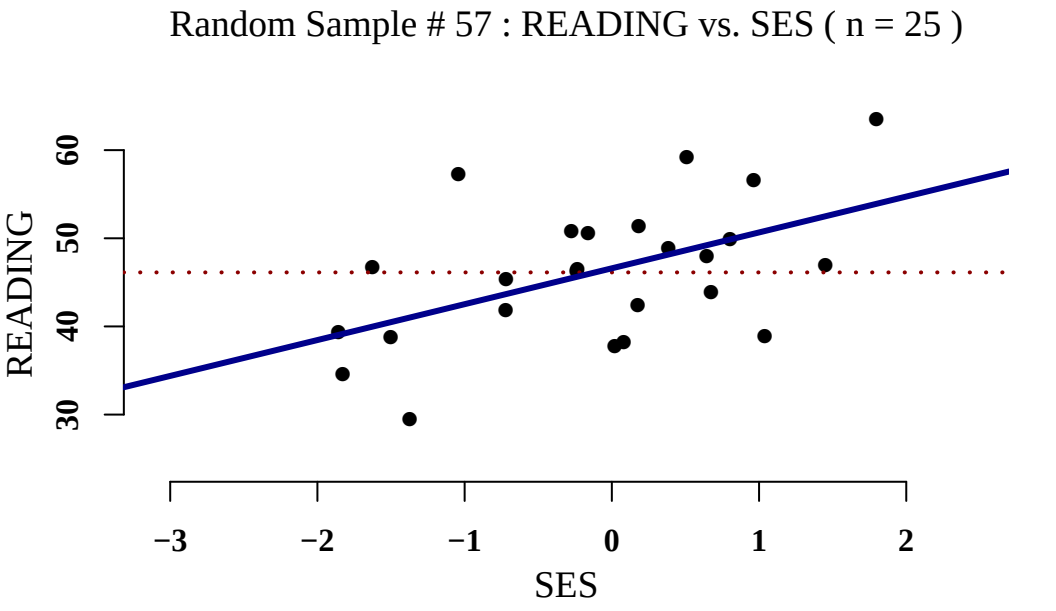

Random Sample # 54 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 49.14037 + 4.198157 * SES Standard Error For Slope = 1.76 p = 0.02549716

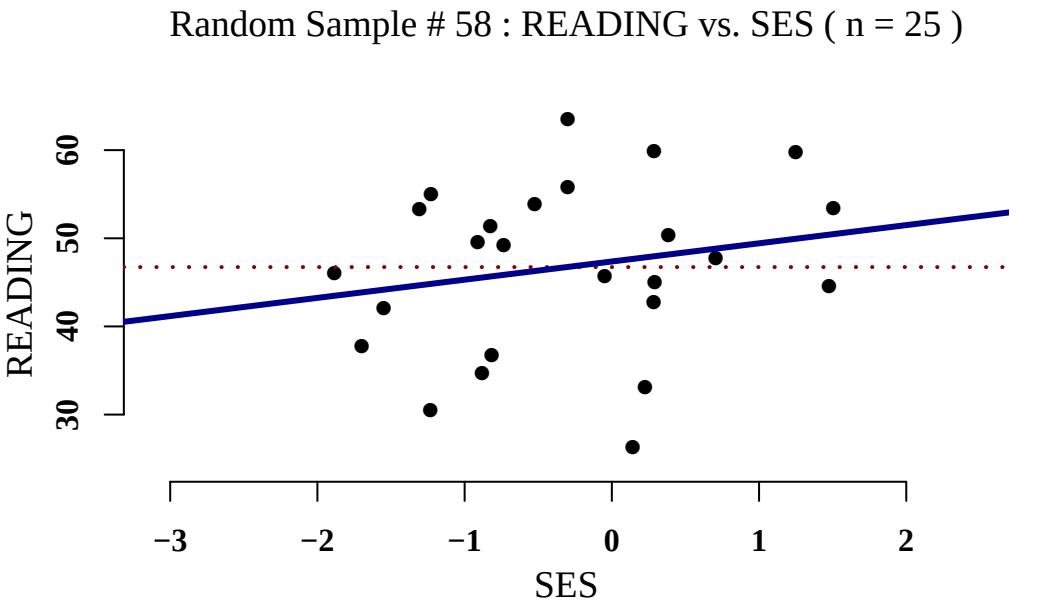

Random Sample # 55 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 44.33651 + 2.525148 * SES Standard Error For Slope = 1.61 p = 0.1298417

Random Sample # 56 : READING vs. SES (n = 25)

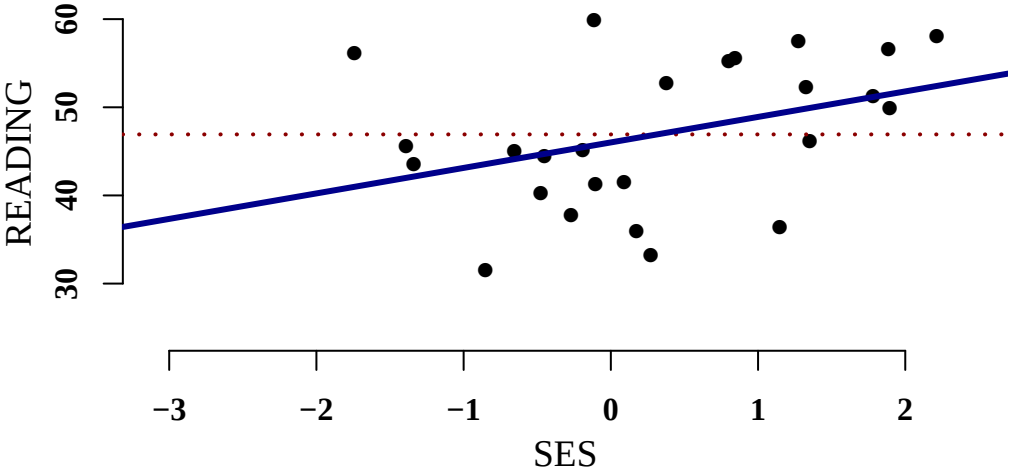


Fitted Model: Predicted READING = 45.5639 + 4.264086 * SES Standard Error For Slope = 1.72 p = 0.02124143

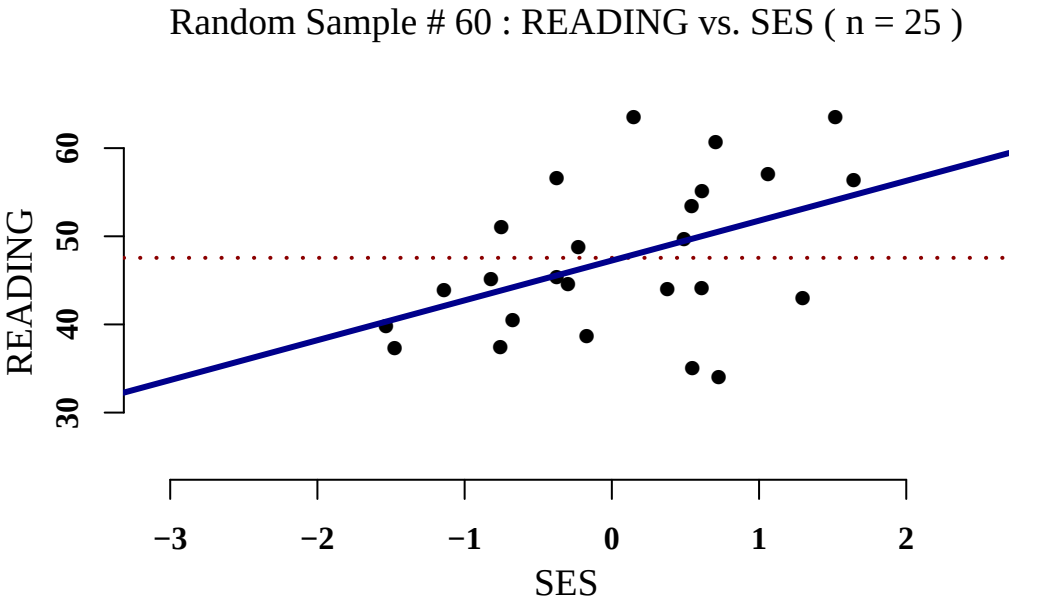

Random Sample # 57 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 46.59346 + 4.069098 * SES Standard Error For Slope = 1.40 p = 0.007910537

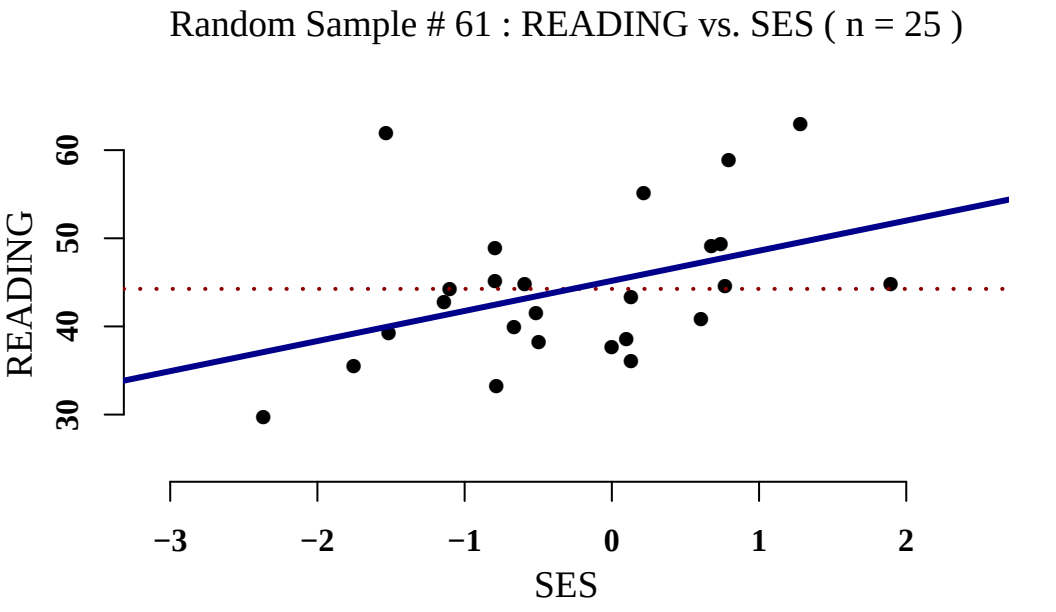

Random Sample # 58 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 47.36623 + 2.063697 * SES Standard Error For Slope = 2.04 p = 0.3212184

Random Sample # 59 : READING vs. SES (n = 25)

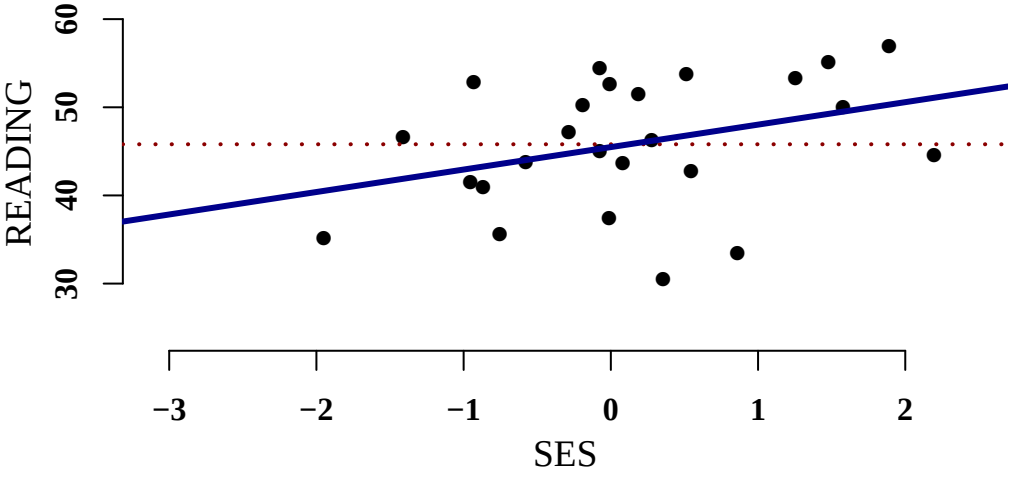


Fitted Model: Predicted READING = 46.01412 + 2.892391 * SES Standard Error For Slope = 1.47 p = 0.06053424

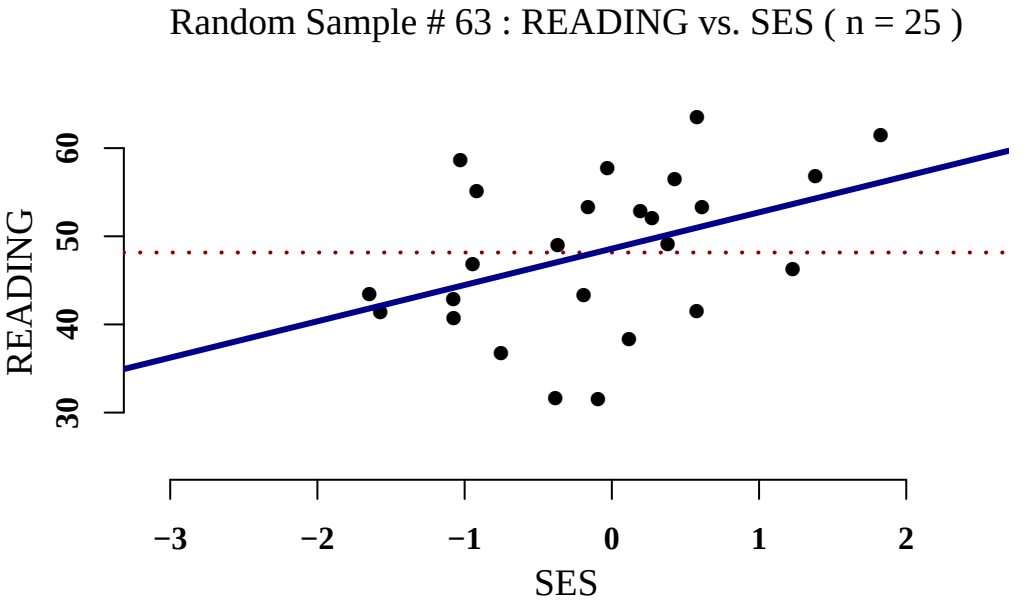

Random Sample # 60 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 47.25013 + 4.520668 * SES Standard Error For Slope = 1.83 p = 0.02148449


Random Sample # 61 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 45.17422 + 3.416222 * SES Standard Error For Slope = 1.57 p = 0.04036239

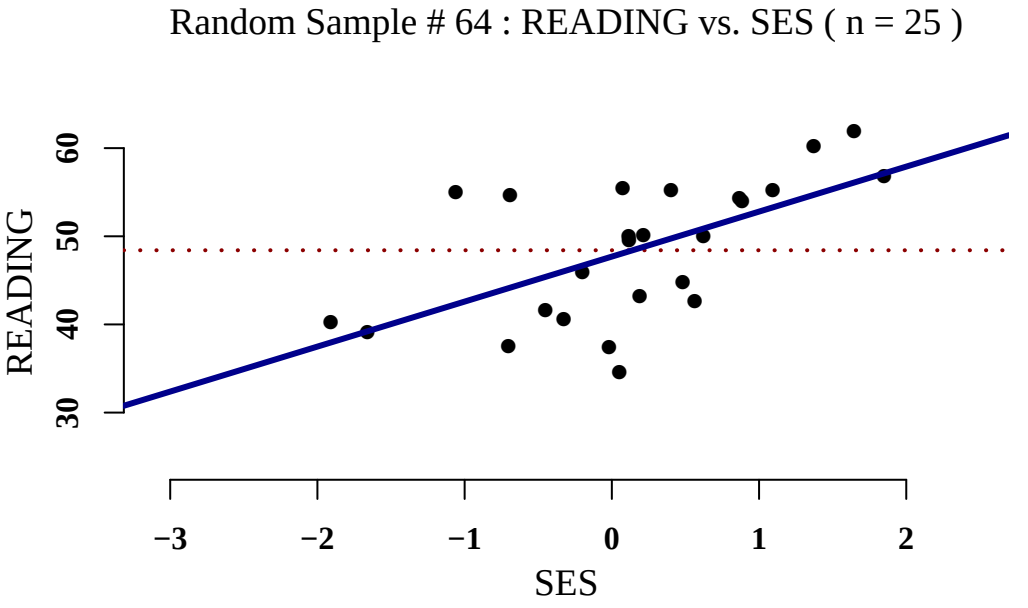
Random Sample # 62 : READING vs. SES (n = 25)



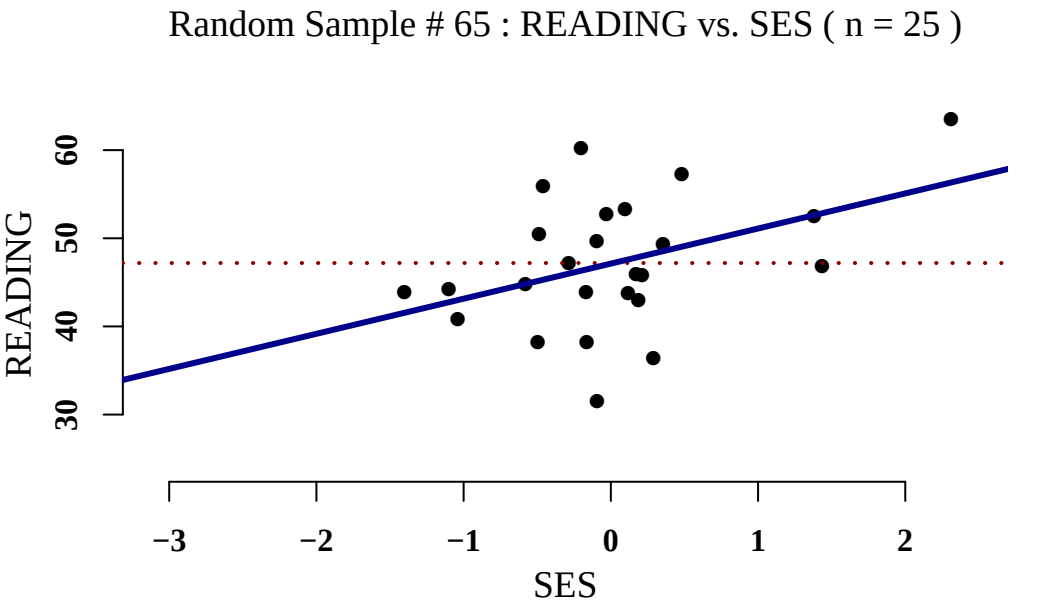
Fitted Model: Predicted READING = 45.48561 + 2.548411 * SES Standard Error For Slope = 1.41 p = 0.08319047

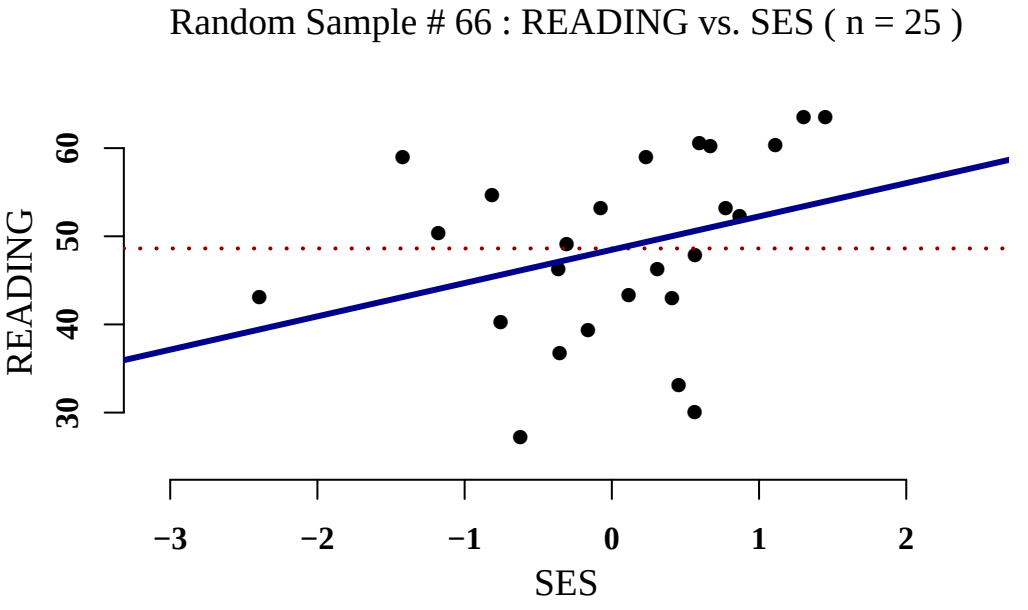


Fitted Model: Predicted READING = 48.59572 + 4.120491 * SES Standard Error For Slope = 1.89 p = 0.03979912

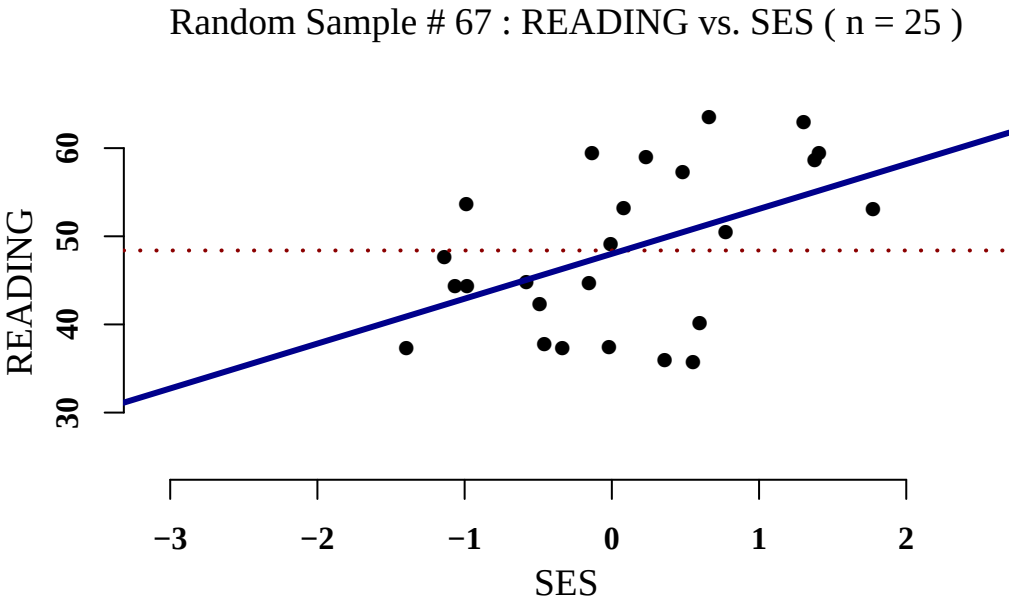


Fitted Model: Predicted READING = 47.69595 + 5.104204 * SES Standard Error For Slope = 1.41 p = 0.001483337

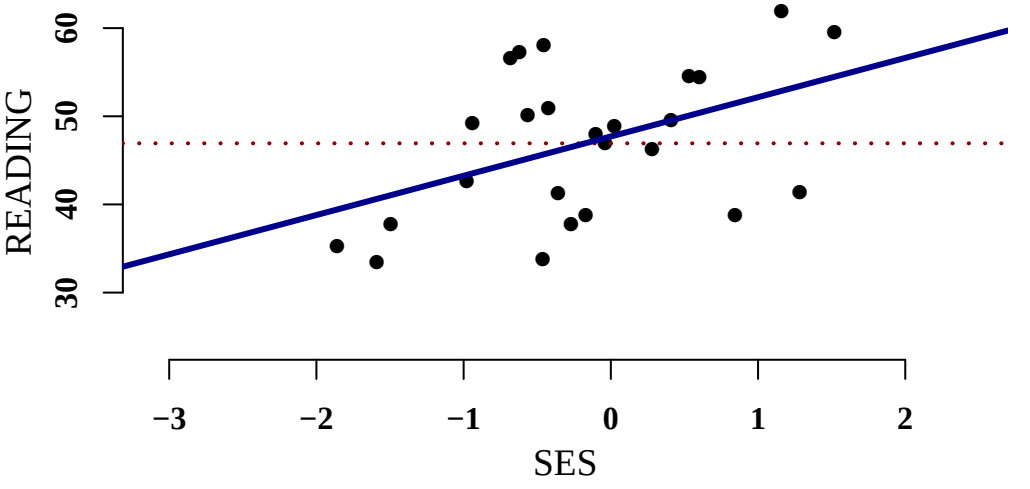

Random Sample # 65 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 47.12628 + 3.980613 * SES Standard Error For Slope = 1.78 p = 0.03559691



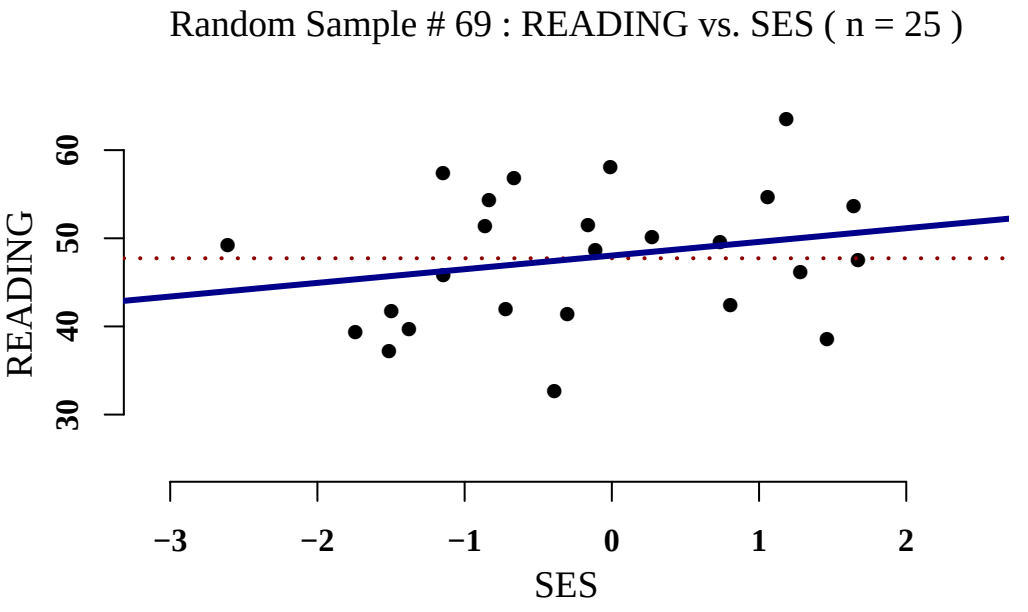
Fitted Model: Predicted READING = 48.47336 + 3.778198 * SES Standard Error For Slope = 2.28 p = 0.1115817

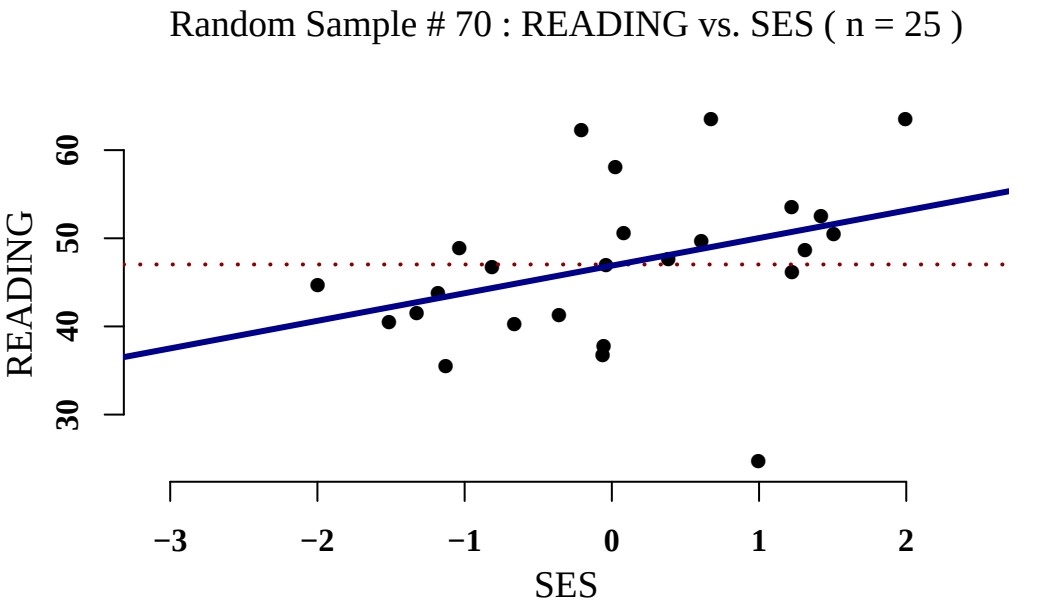

Random Sample # 67 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 48.0119 + 5.092264 * SES Standard Error For Slope = 1.93 p = 0.01488582

Random Sample # 68 : READING vs. SES (n = 25)

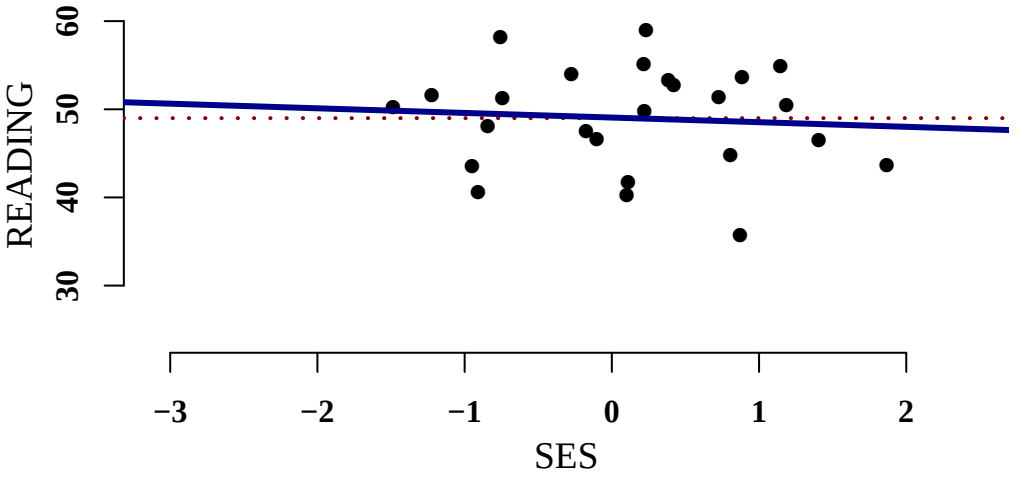


Fitted Model: Predicted READING = 47.71008 + 4.456709 * SES Standard Error For Slope = 1.82 p = 0.02207081

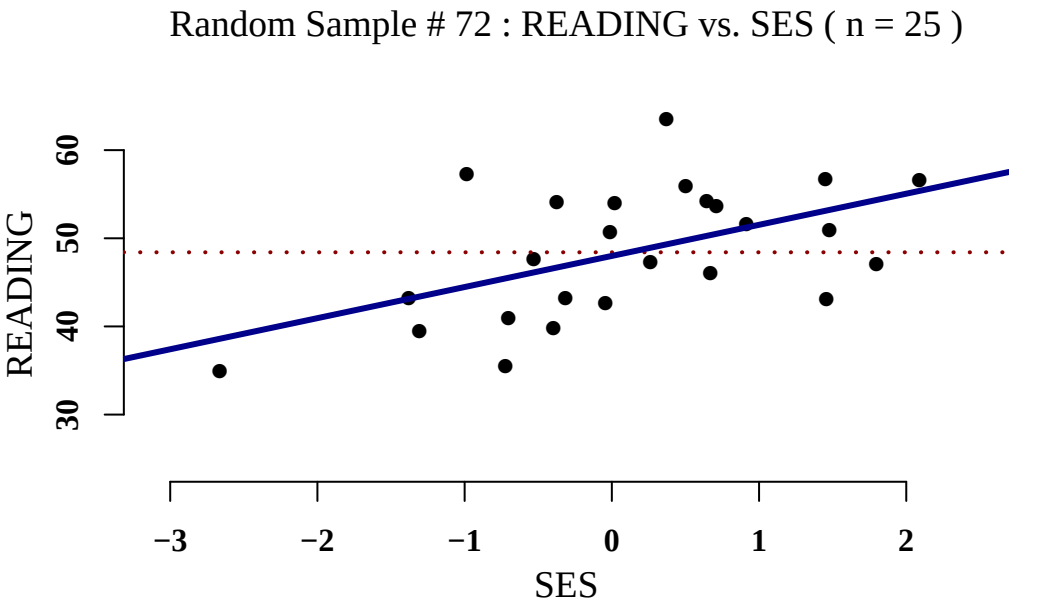

Random Sample # 69 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 48.04005 + 1.550181 * SES Standard Error For Slope = 1.30 p = 0.2466300


Random Sample # 70 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 46.89533 + 3.128917 * SES Standard Error For Slope = 1.64 p = 0.06838759

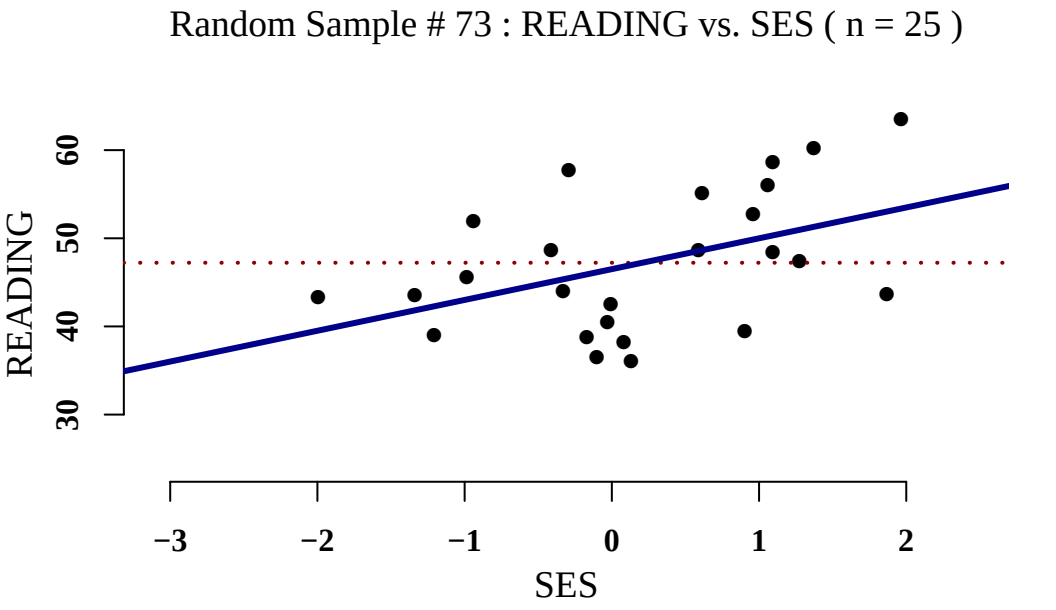
Random Sample # 71 : READING vs. SES (n = 25)

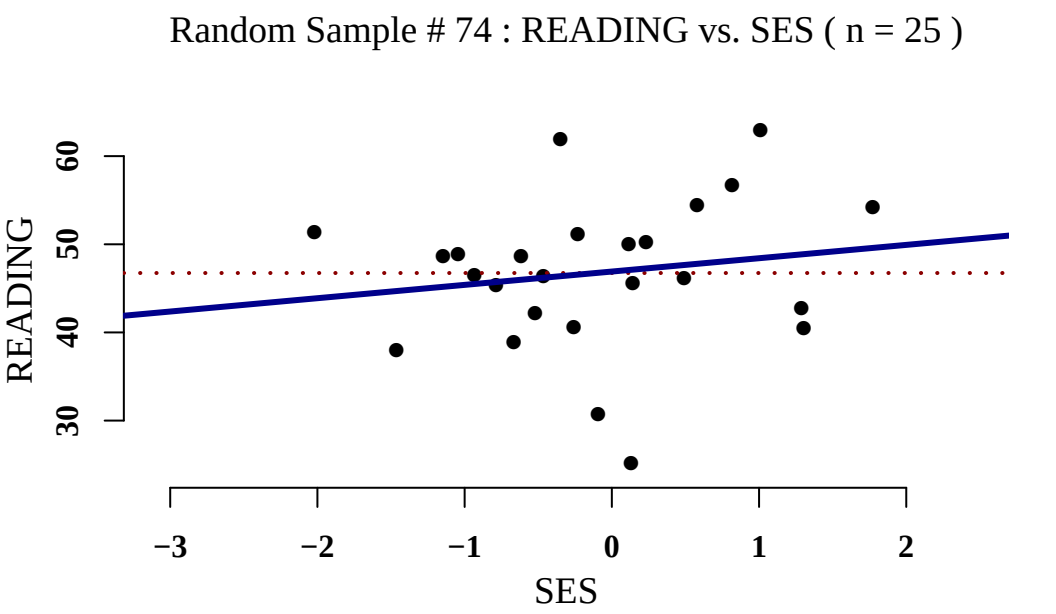


Fitted Model: Predicted READING = 49.06125 + −0.5244797 * SES Standard Error For Slope = 1.39 p = 0.7096309

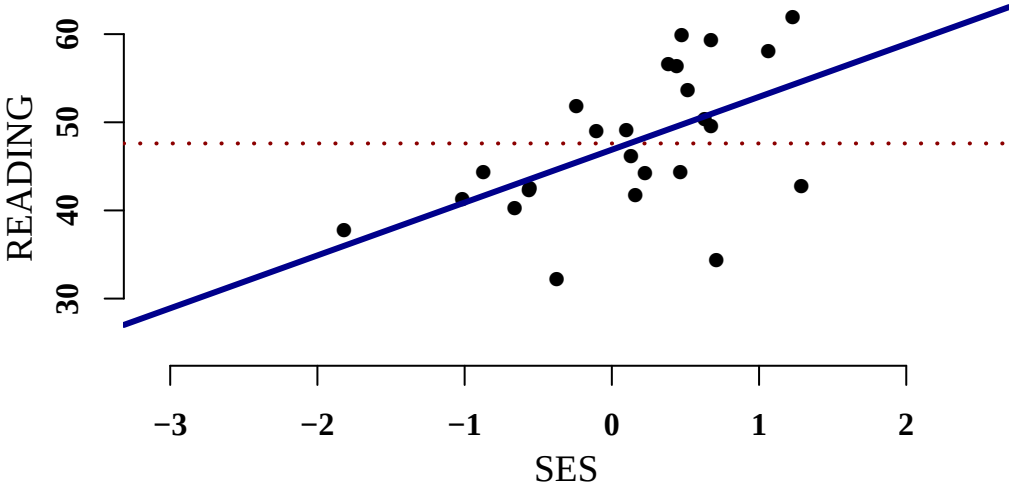


Fitted Model: Predicted READING = 47.99767 + 3.529603 * SES Standard Error For Slope = 1.18 p = 0.006623321

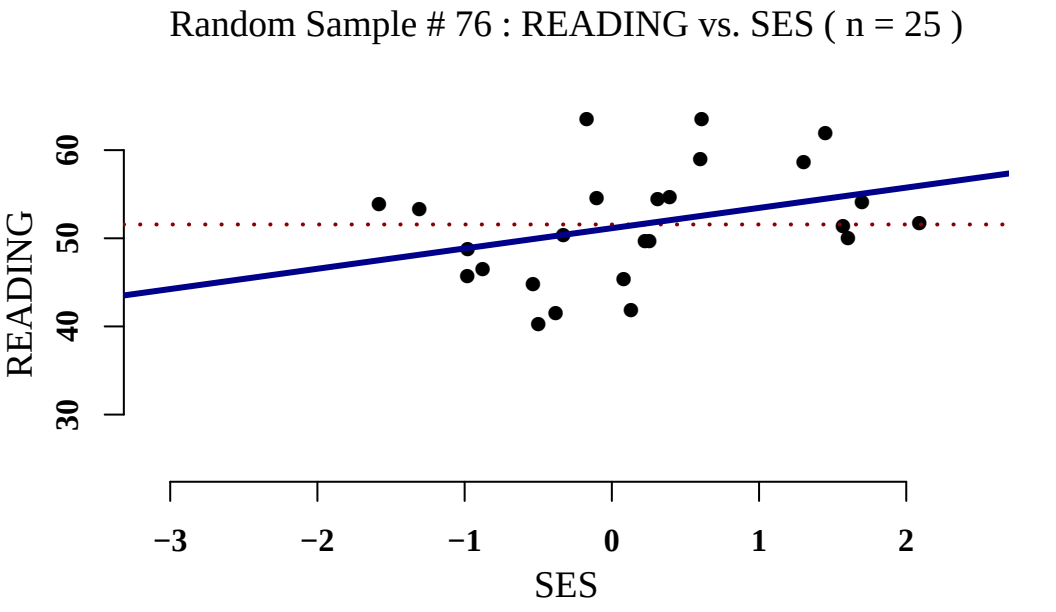

Random Sample # 73 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 46.50154 + 3.496029 * SES Standard Error For Slope = 1.44 p = 0.02328833

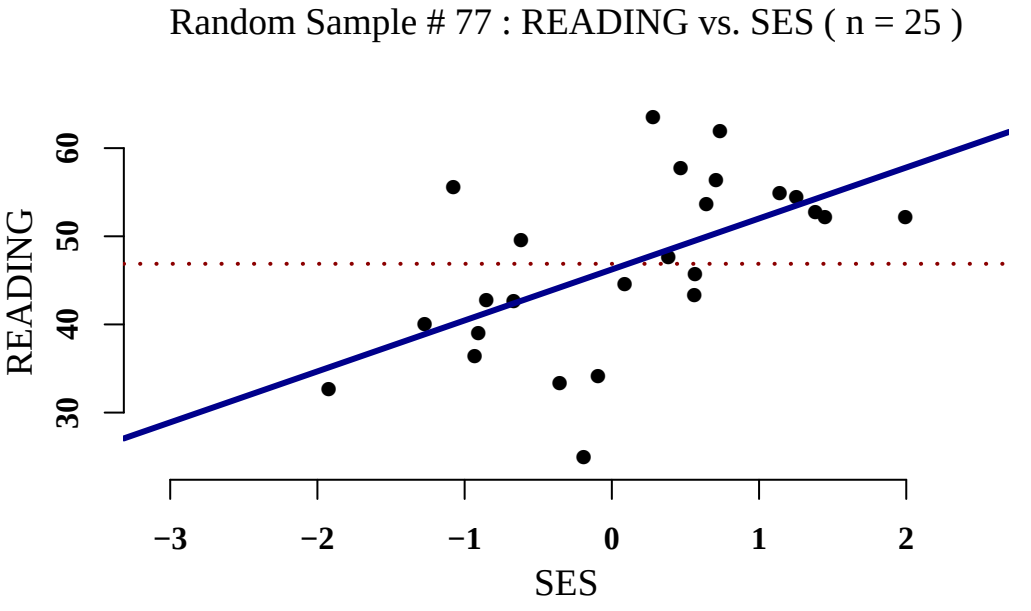

Random Sample # 74 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 46.90664 + 1.512130 * SES Standard Error For Slope = 1.92 p = 0.4385768

Random Sample # 75 : READING vs. SES (n = 25)

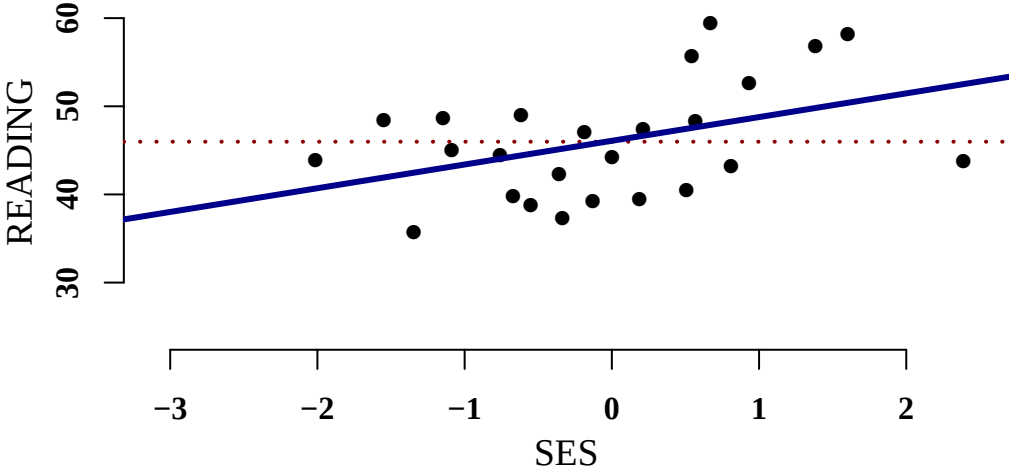


Fitted Model: Predicted READING = 46.88991 + 5.996456 * SES Standard Error For Slope = 1.90 p = 0.004356784

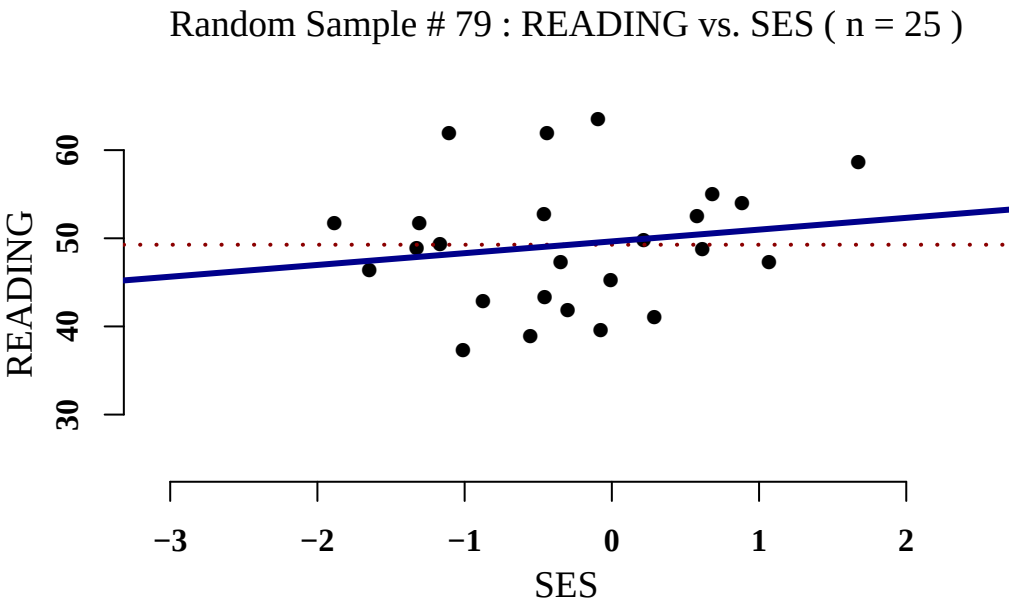

Random Sample # 76 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 51.1452 + 2.301727 * SES Standard Error For Slope = 1.27 p = 0.08363054

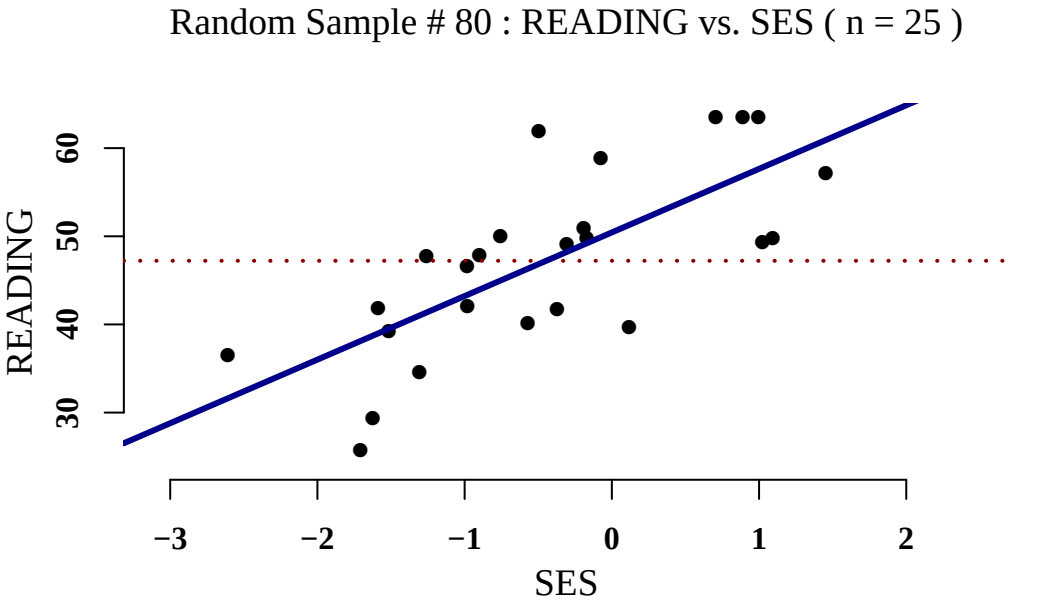

Random Sample # 77 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 46.23774 + 5.782367 * SES Standard Error For Slope = 1.73 p = 0.002883738

Random Sample # 78 : READING vs. SES (n = 25)



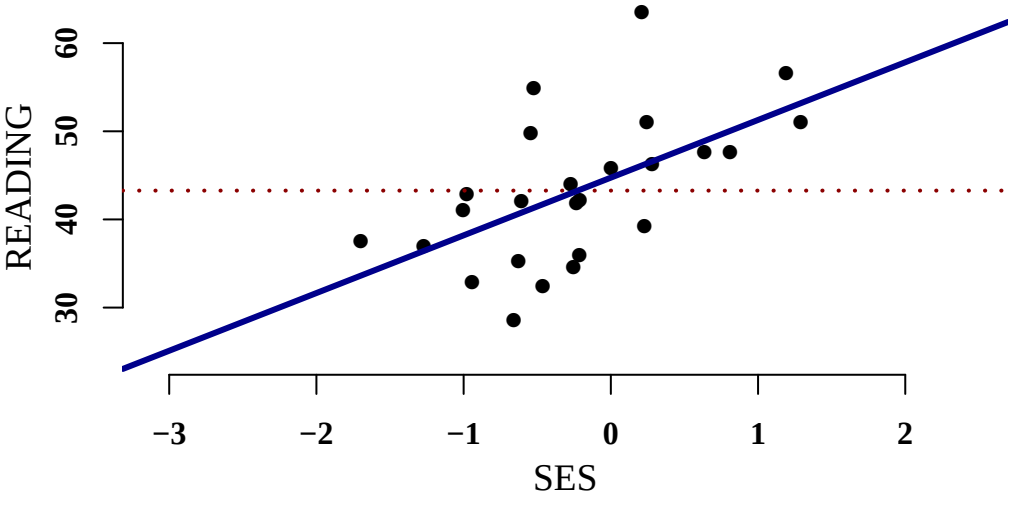
Fitted Model: Predicted READING = 46.08526 + 2.690332 * SES Standard Error For Slope = 1.20 p = 0.03484803


Random Sample # 79 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 49.64532 + 1.335189 * SES Standard Error For Slope = 1.67 p = 0.4329447

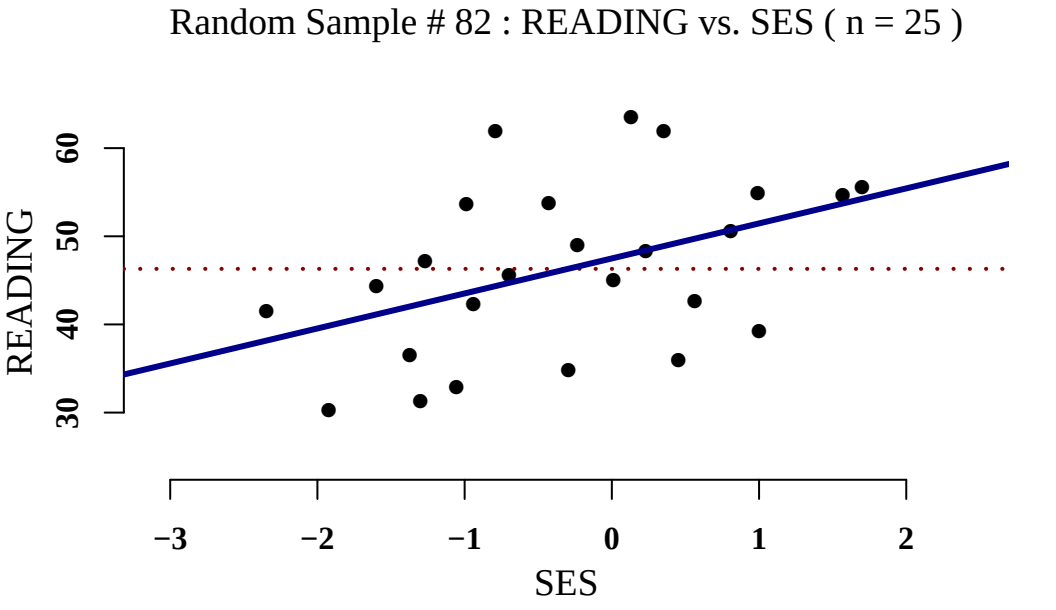


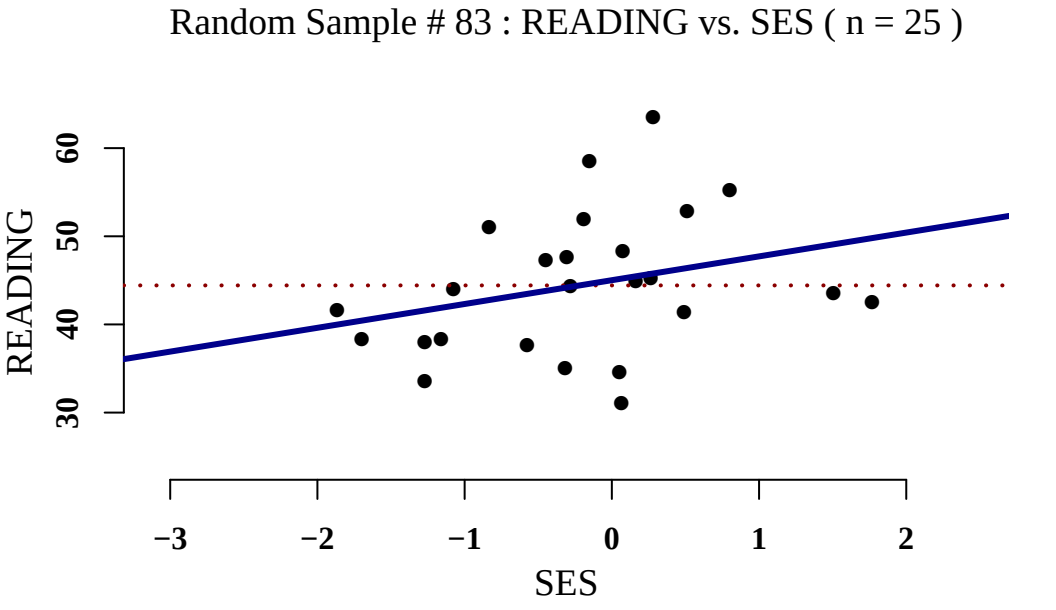
Fitted Model: Predicted READING = 50.43507 + 7.213847 * SES Standard Error For Slope = 1.42 p = 3.912985e−05

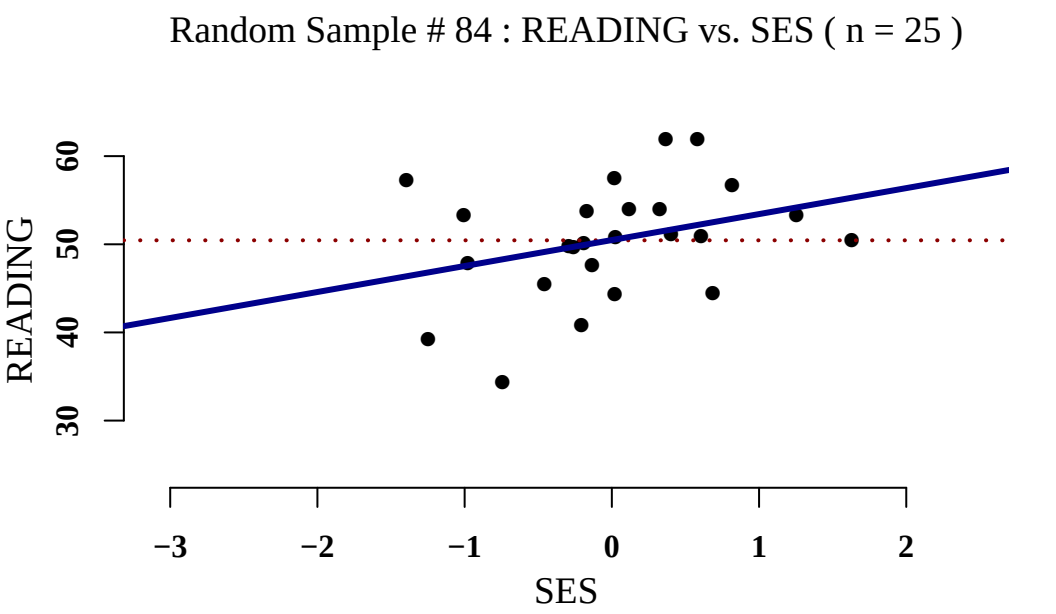
Random Sample # 81 : READING vs. SES (n = 25)



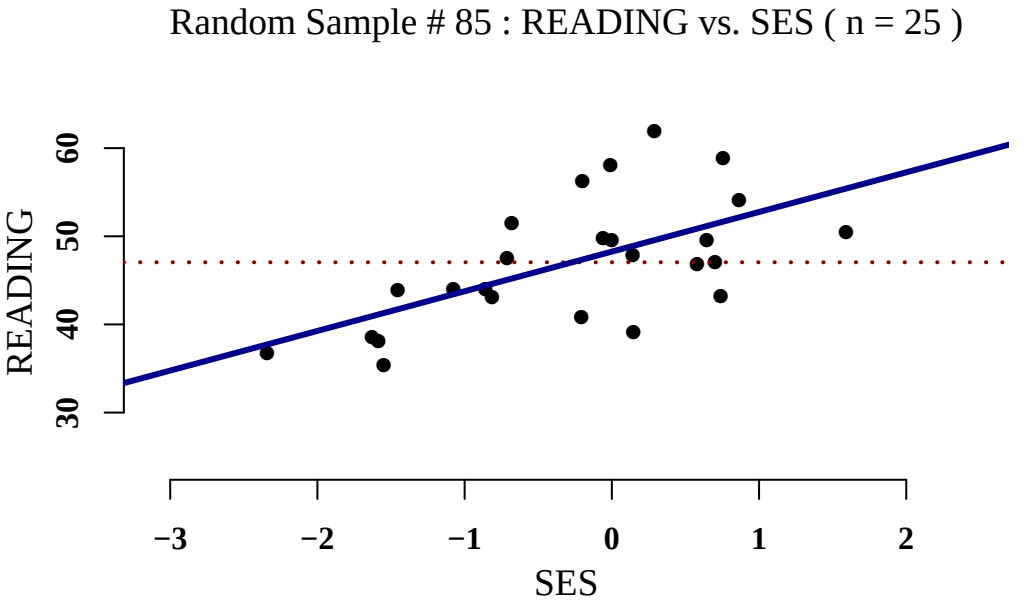
Fitted Model: Predicted READING = 44.74005 + 6.545534 * SES Standard Error For Slope = 1.96 p = 0.002852299


Random Sample # 82 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 47.4878 + 3.972283 * SES Standard Error For Slope = 1.68 p = 0.02724923


Random Sample # 83 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 45.01862 + 2.701277 * SES Standard Error For Slope = 1.78 p = 0.1434647

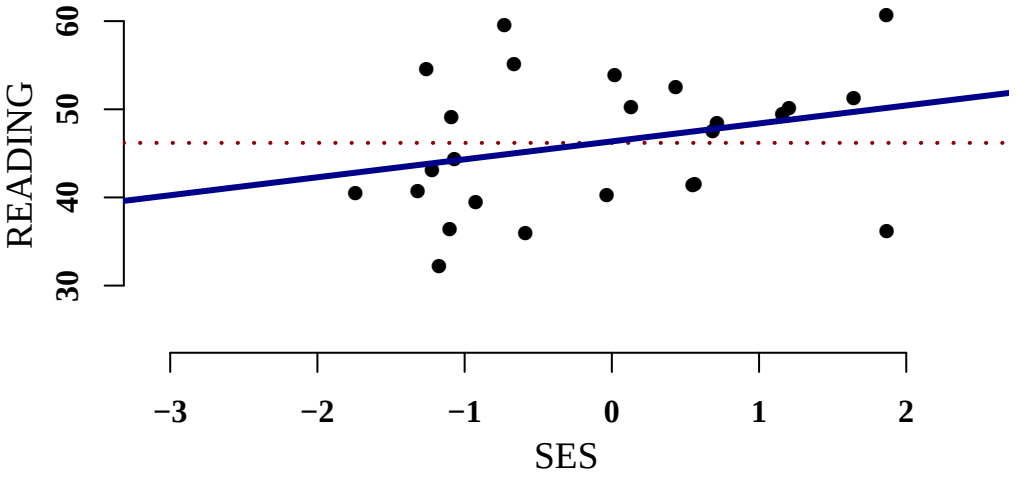


Fitted Model: Predicted READING = 50.47818 + 2.946503 * SES Standard Error For Slope = 1.77 p = 0.1087349



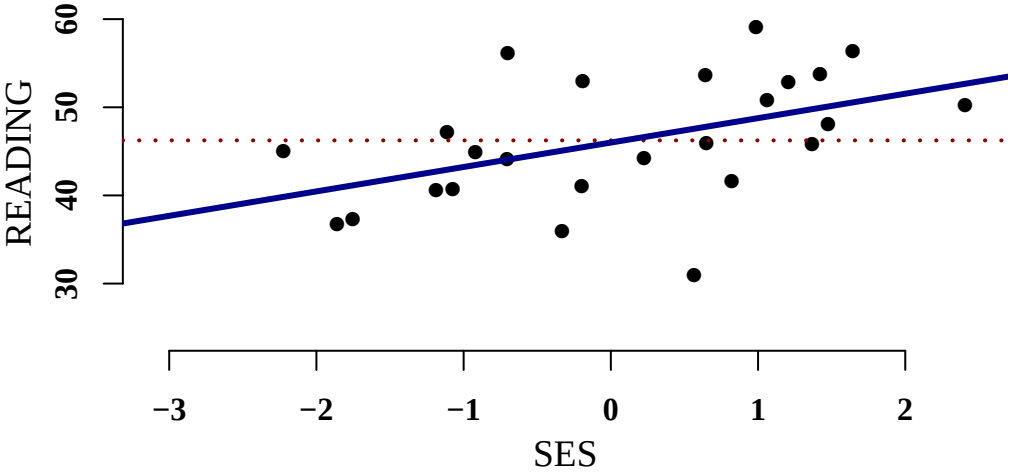
Fitted Model: Predicted READING = 48.26065 + 4.497989 * SES Standard Error For Slope = 1.21 p = 0.001128140

Random Sample # 86 : READING vs. SES (n = 25)

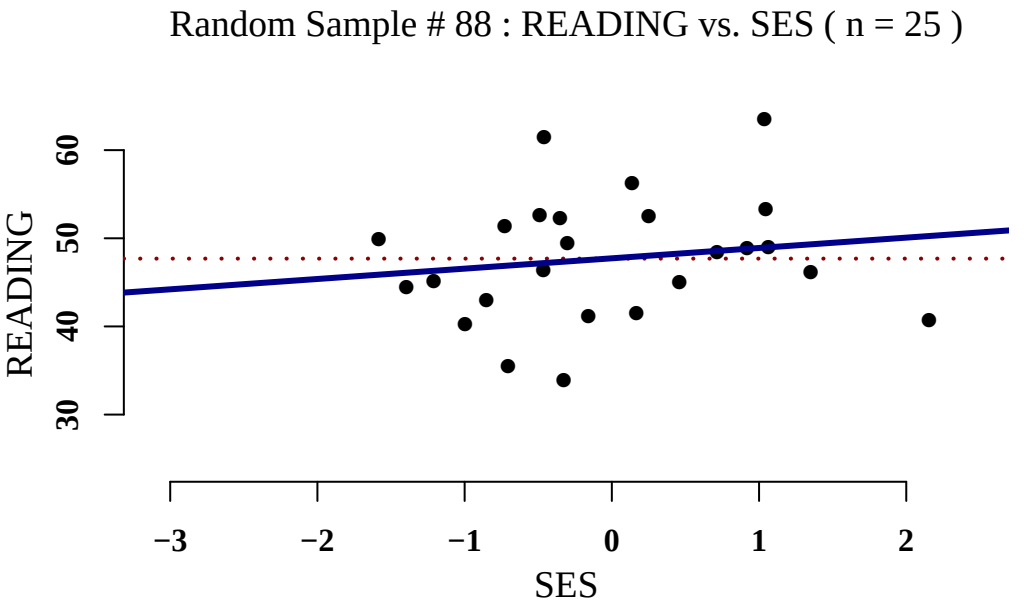


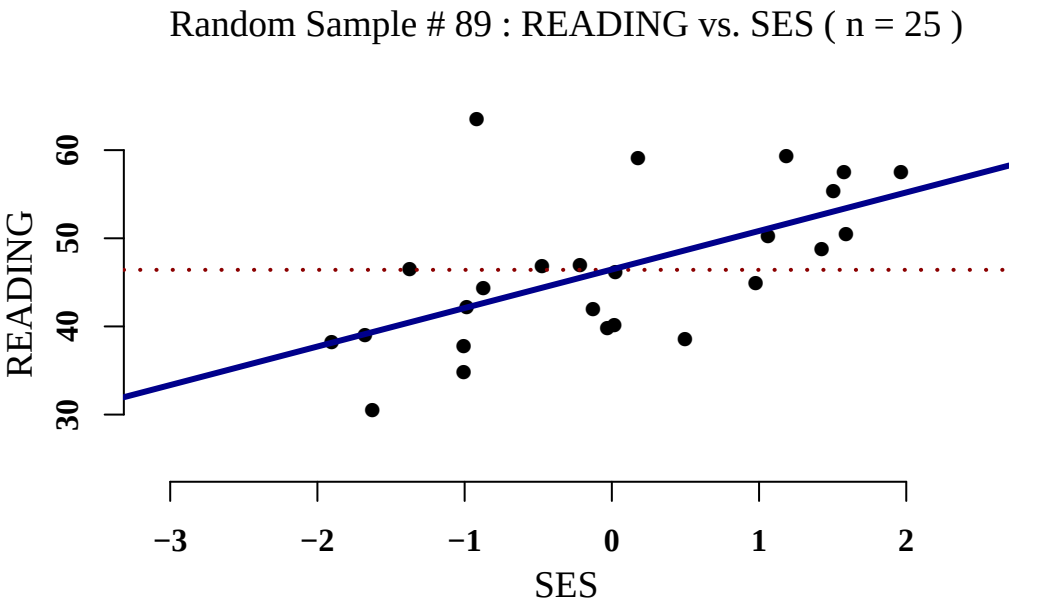
Fitted Model: Predicted READING = 46.35755 + 2.035979 * SES Standard Error For Slope = 1.40 p = 0.1580295

Random Sample # 87 : READING vs. SES (n = 25)

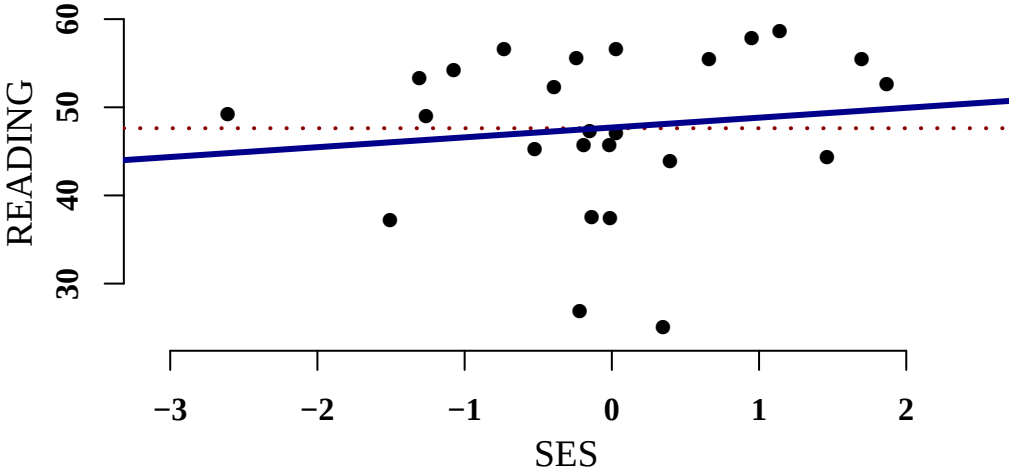


Fitted Model: Predicted READING = 45.99893 + 2.770906 * SES Standard Error For Slope = 1.06 p = 0.01524223


Random Sample # 88 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 47.72809 + 1.173217 * SES Standard Error For Slope = 1.56 p = 0.4592031

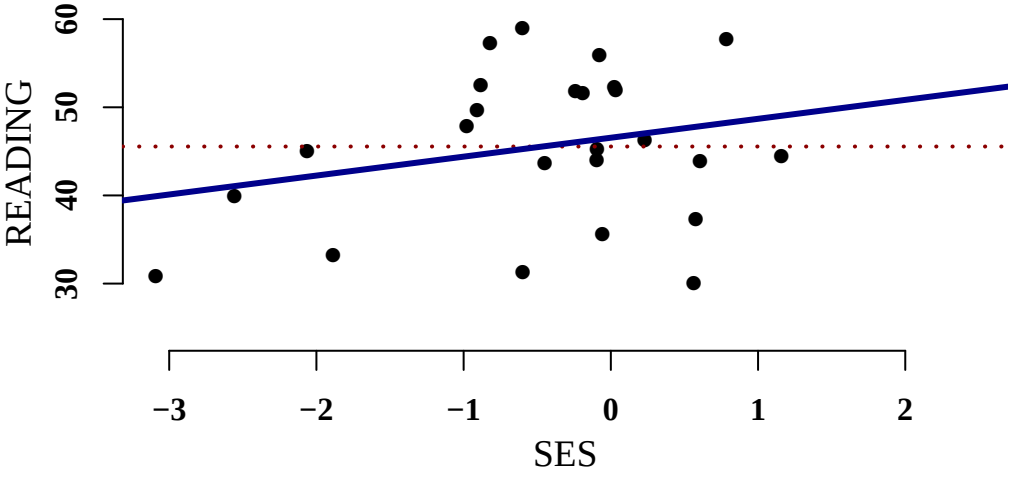

Random Sample # 89 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 46.45845 + 4.370402 * SES Standard Error For Slope = 1.22 p = 0.001608345

Random Sample # 90 : READING vs. SES (n = 25)

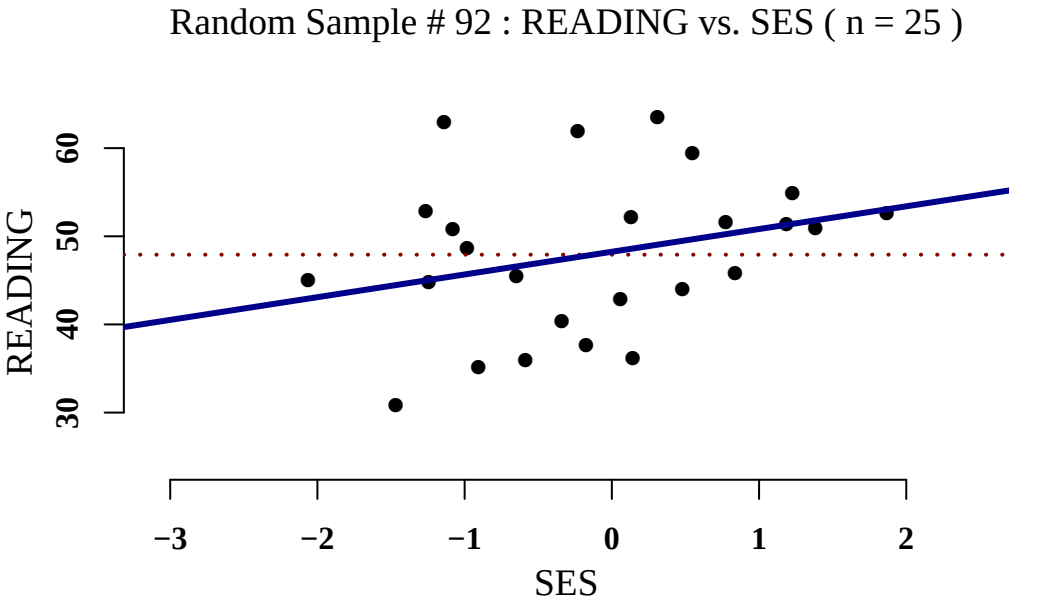


Fitted Model: Predicted READING = 47.7058 + 1.115676 * SES Standard Error For Slope = 1.81 p = 0.5432905

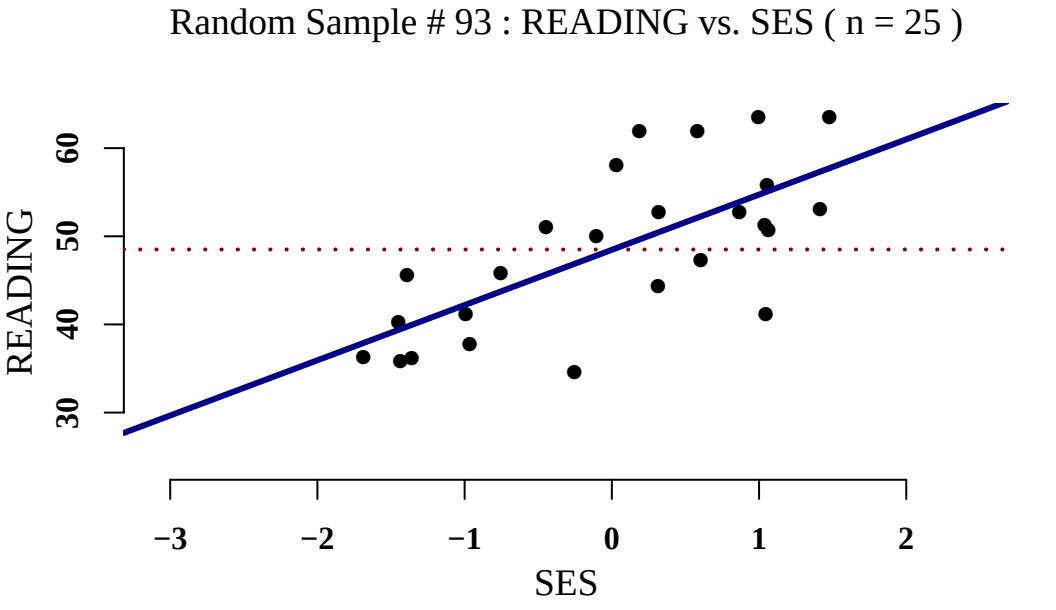
Random Sample # 91 : READING vs. SES (n = 25)

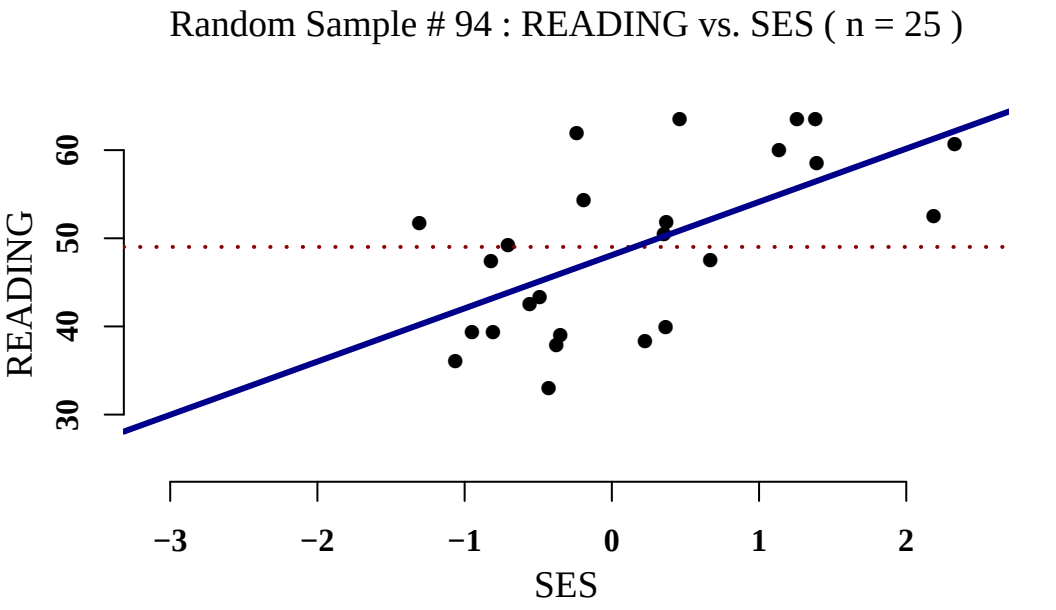


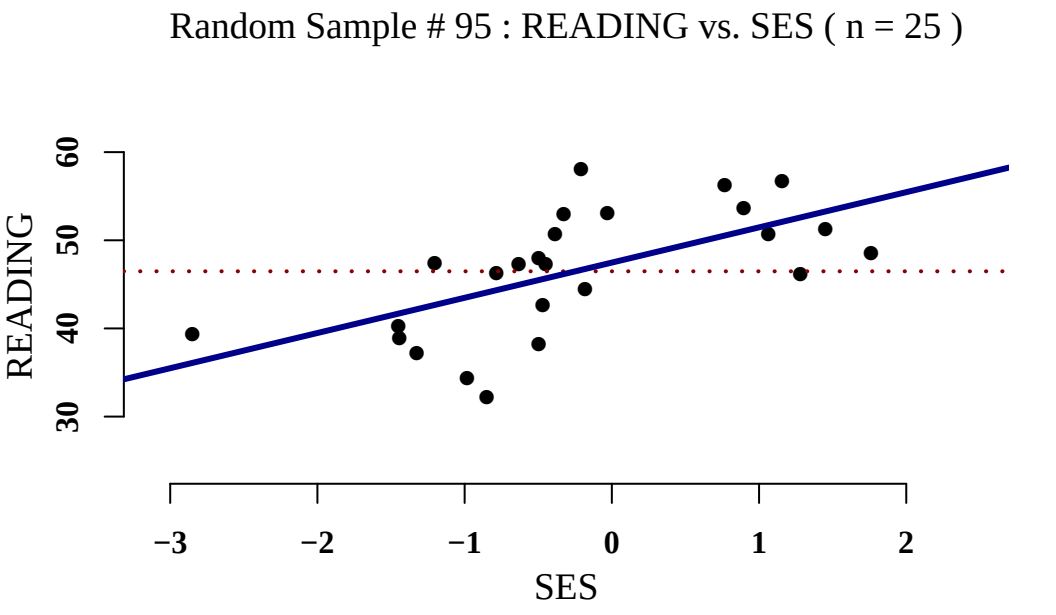
Fitted Model: Predicted READING = 46.54648 + 2.147097 * SES Standard Error For Slope = 1.70 p = 0.2185533

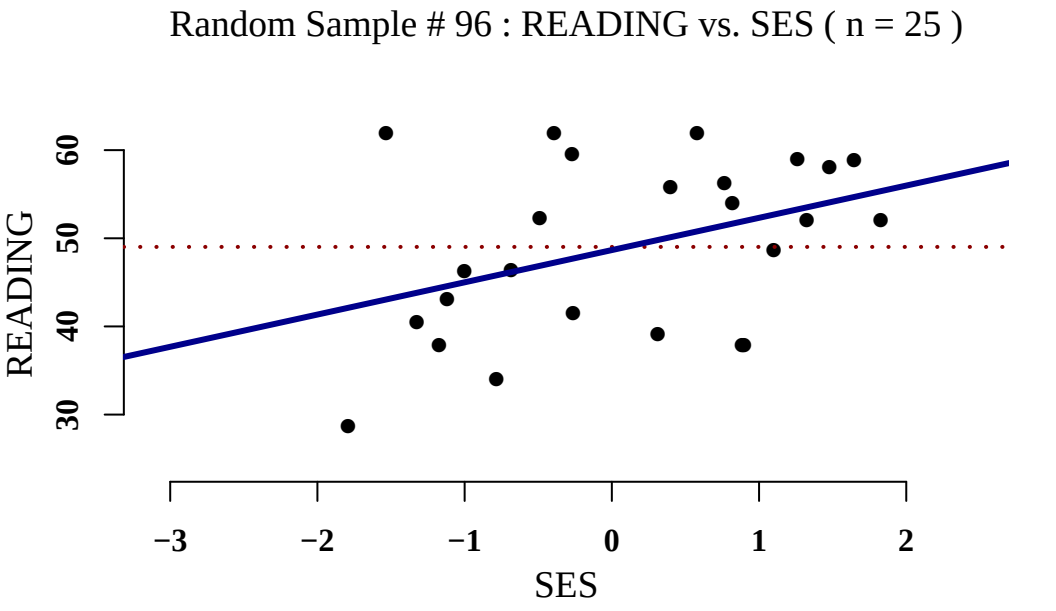


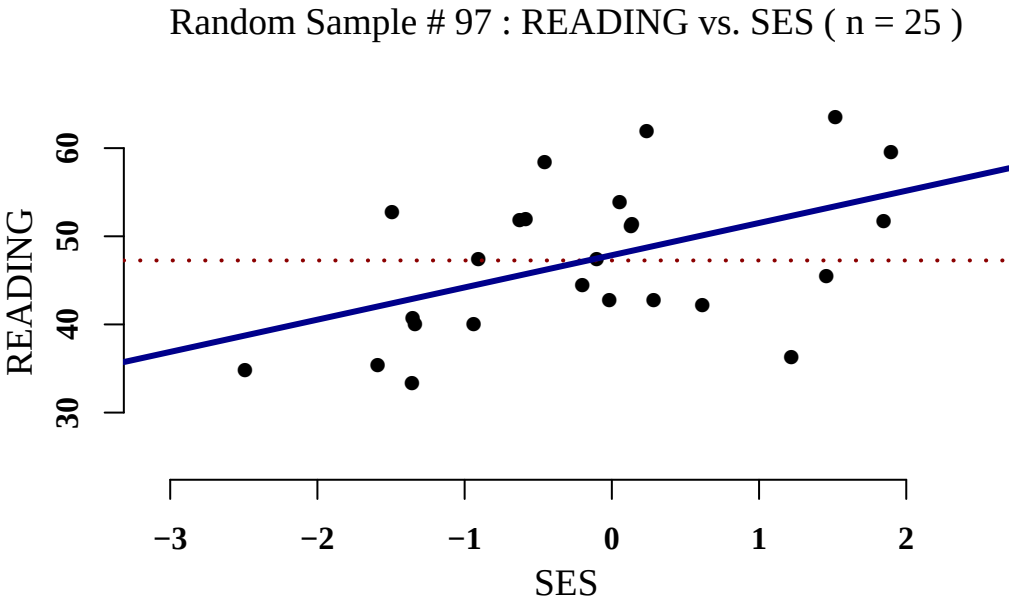
Fitted Model: Predicted READING = 48.24349 + 2.577096 * SES Standard Error For Slope = 1.76 p = 0.1569822

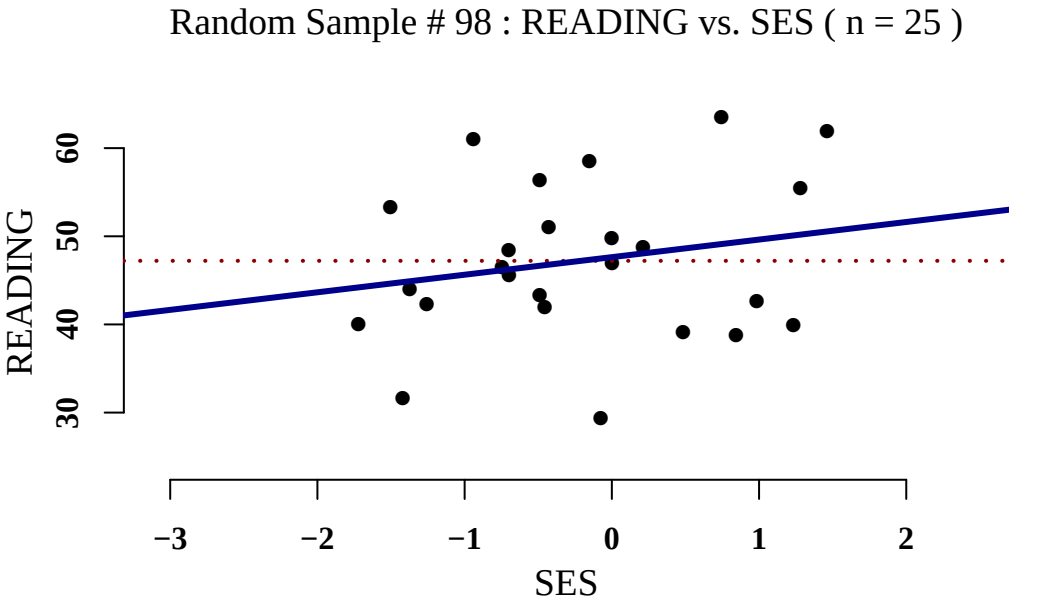

Random Sample # 93 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 48.46442 + 6.265537 * SES Standard Error For Slope = 1.35 p = 0.0001112335

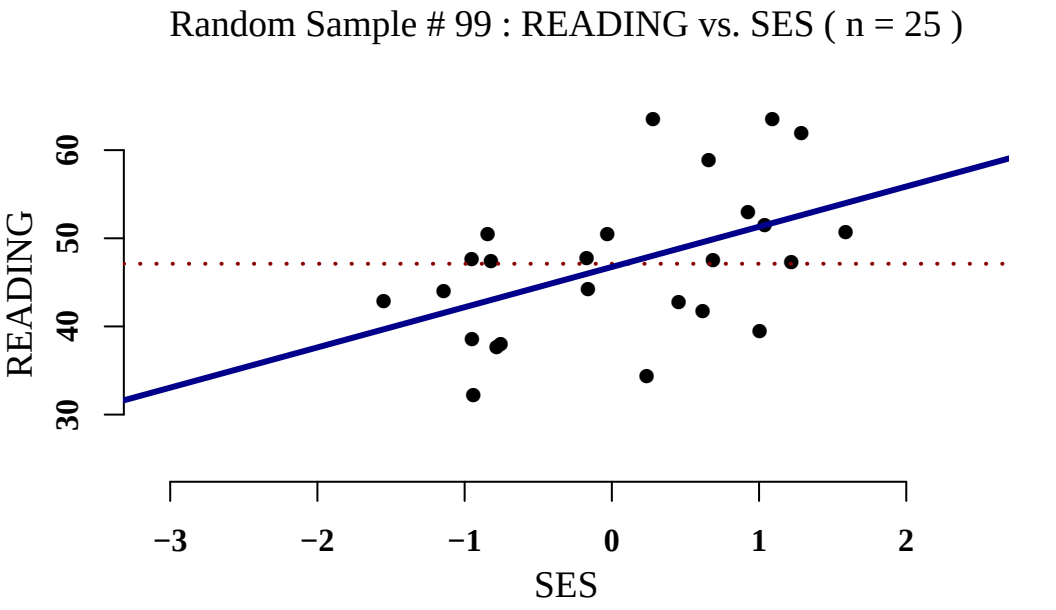

Random Sample # 94 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 48.09076 + 6.038412 * SES Standard Error For Slope = 1.61 p = 0.001034734


Random Sample # 95 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 47.47054 + 3.99444 * SES Standard Error For Slope = 1.07 p = 0.001093547

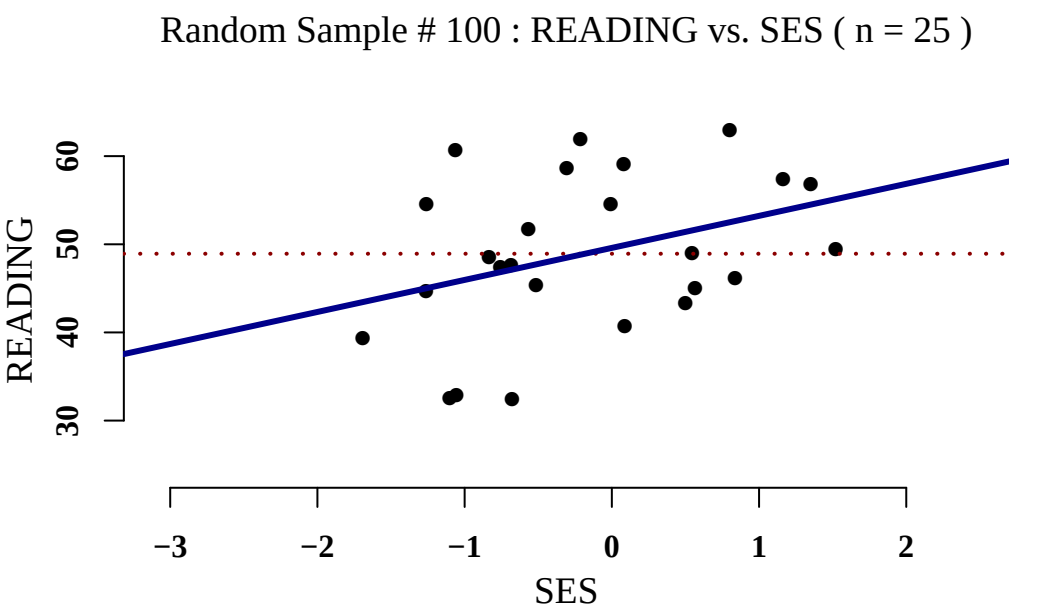

Random Sample # 96 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 48.66385 + 3.658054 * SES Standard Error For Slope = 1.72 p = 0.04436772


Random Sample # 97 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 47.8524 + 3.656547 * SES Standard Error For Slope = 1.35 p = 0.01229777

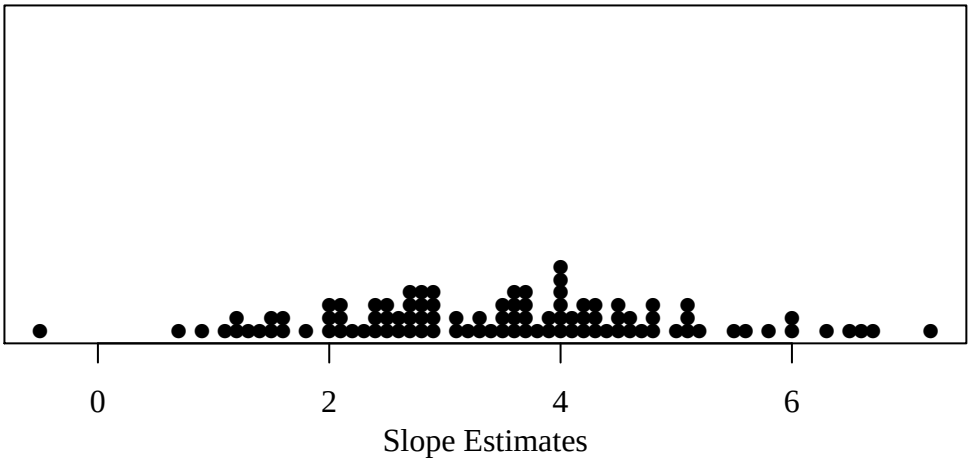

Random Sample # 98 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 47.63264 + 1.993932 * SES Standard Error For Slope = 1.96 p = 0.3191282



Fitted Model: Predicted READING = 46.74651 + 4.563760 * SES Standard Error For Slope = 1.69 p = 0.01275933


Random Sample # 100 : READING vs. SES (n = 25)
READING
30
40
50
60
−3
−2
−1
0
1
2
SES
Fitted Model: Predicted READING = 49.59064 + 3.63377 * SES Standard Error For Slope = 1.95 p = 0.07580874

Sampling Distribution of Slope Parameter Estimates:
100 Samples of 25 Observations Each



Mean = 3.47 , Compare to the Population Slope of 3.57

Standard Deviation = 1.47 , Compare to the Average Standard Error of 1.58