

Calculating CIs

Parameters of Note from MPlus output:

Parameter	Number	Variance	B	SE
E->SA	32	0.0213873	-.518	.146
E->AE	50	0.0207884	.381	.144
SA->JS	53	0.00332607	-.159	.058
SA->MC	14	0.0405224	.349	.201
AE->JS	55	0.00276054	.166	.053
AE->JP	65	0.00750982	.221	.087
HighCS ->SA	117	0.0434378	-.848	.208
LowCS->SA	118	0.0272023	-.187	.165
HighCS->AE	119	0.0422214	.875	.205
LowCS->AE	120	0.0264405	-.113	.163
Indirect HighCS SA->JS	125	0.00349036	.135	.059
Indirect LowCS SA->JS	126	0.000802808	.030	.028
Indirect HighCS SA->MC	131	0.0681803	-.296	.261
Indirect LowCS SA->MC	132	0.00636329	-.065	.08
Indirect HighCS AE->JS	128	0.00327429	.145	.057
Indirect LowCS AE->JS	129	0.000761701	-.019	.028
Indirect HighCS AE->JP	134	0.00781479	.193	.088
Indirect LowCS AE->JP	135	0.00138789	-.025	.037

Indirect effects

1. E->SA->JS (32,53)

Coefficients:

-.518

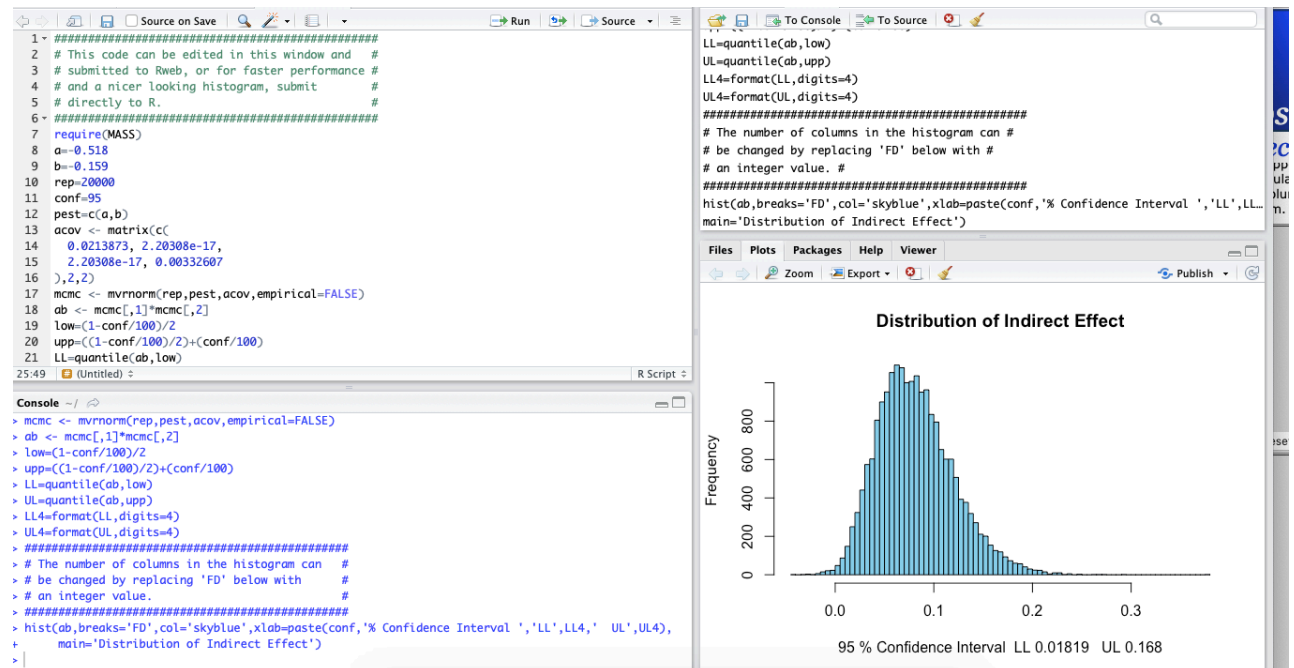
-.159

Covariance Matrix (a, ab, b)

.0213873

0.000000000000000000220308

0.00332607



2. E->AE->JS (50,55)

Coefficients:

.381

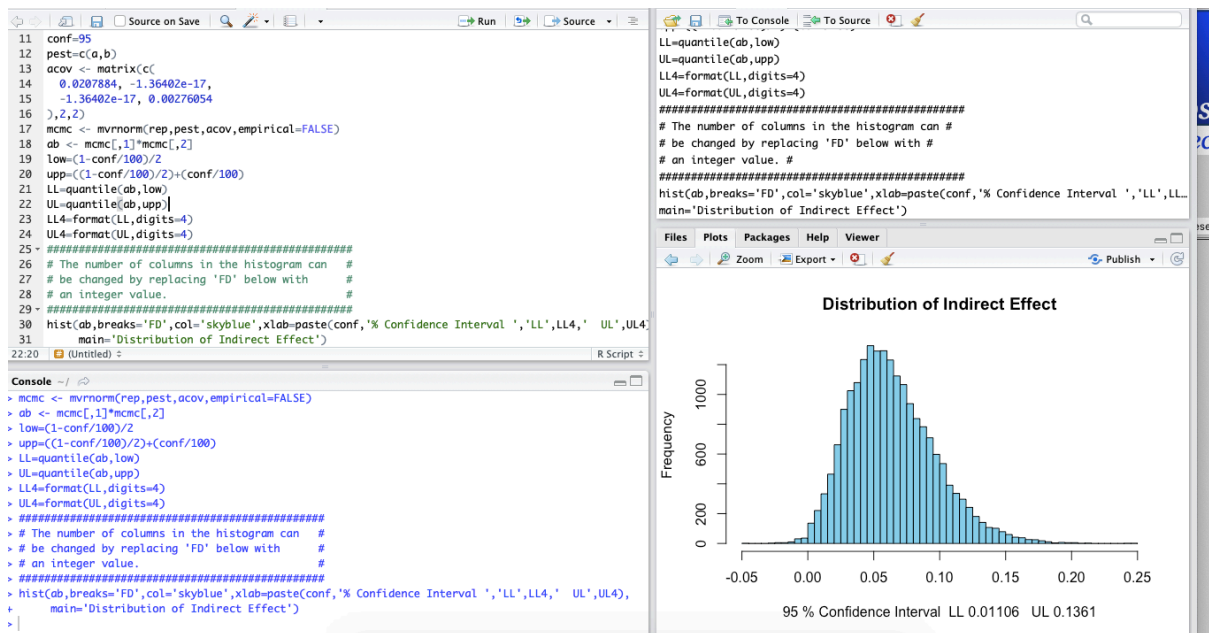
.166

Covariance Matrix (a, ab, b)

.0207884

-0.000000000000000000136402

0.00276054



3. E→SA→MC (32, 14)

Coefficients:

-.518

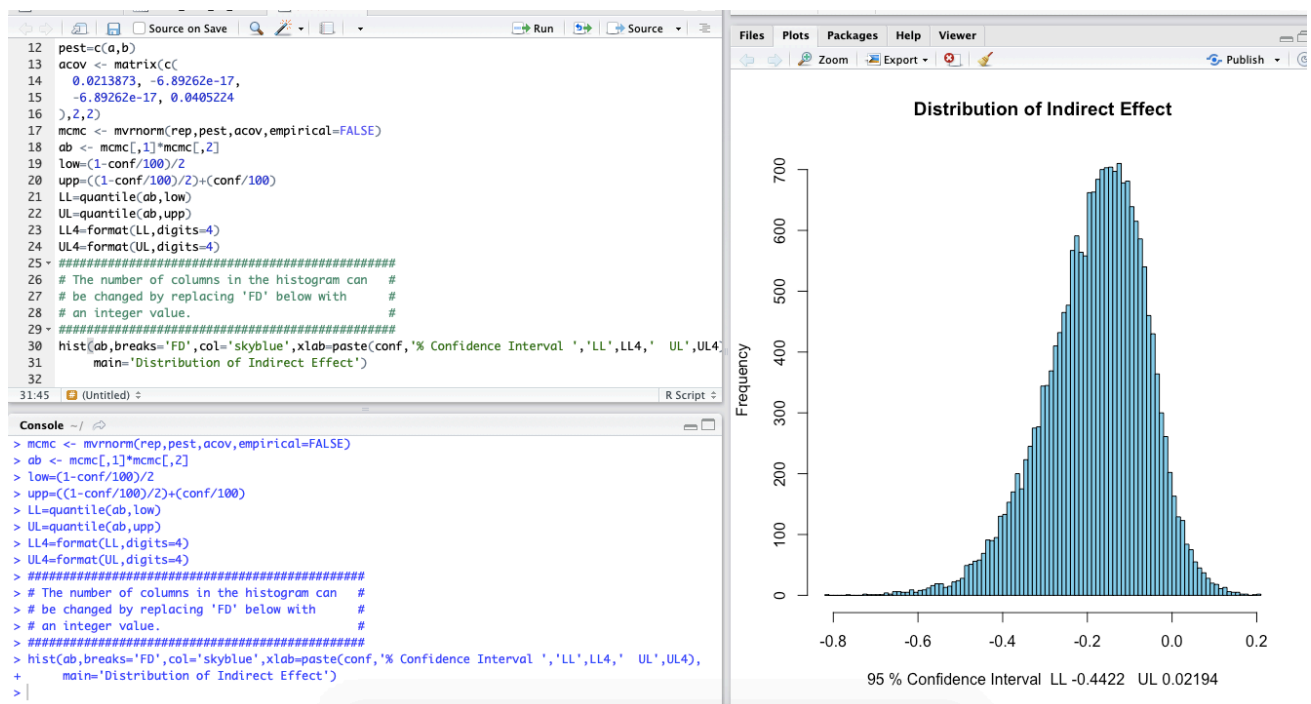
.349

Covariance Matrix (a, ab, b)

.0213873

-0.000000000000000000689262

.0405224



4. E->AE->JP (50, 65)

Coefficients

.381

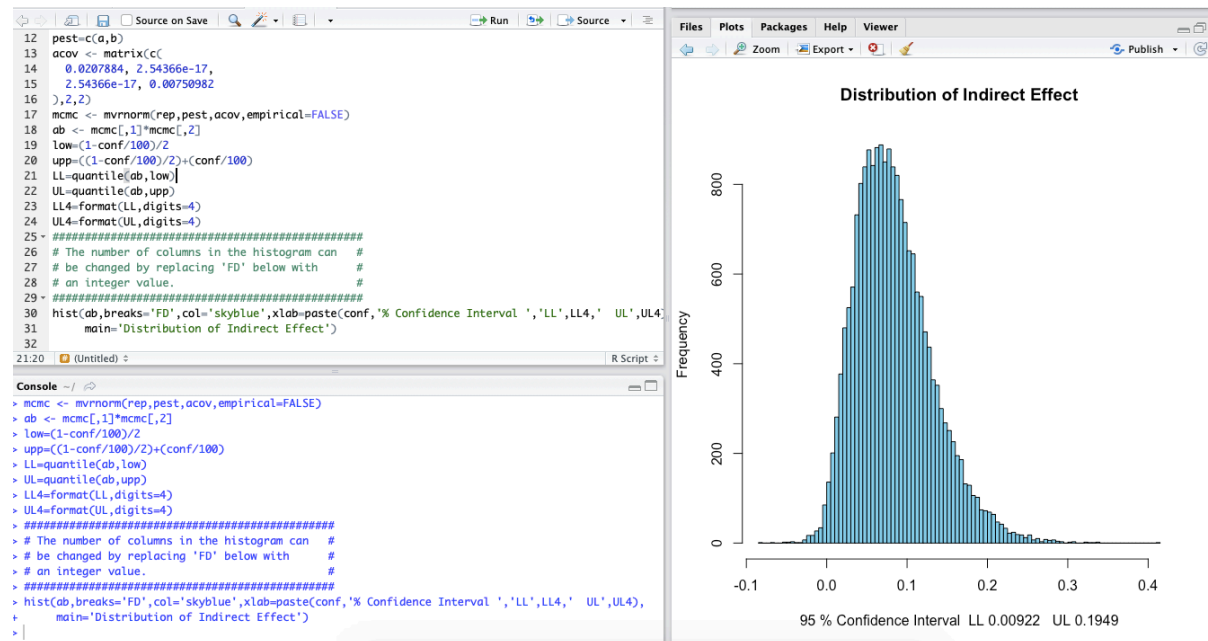
.221

Covariance Matrix

.0207884

0.00000000000000000254366

.00750982



Conditional Indirect Effects & Differences

1. High CS E->SA->JS

Coefficients (117, 53)

-.848

-.159

Covariance Matrix (a, ab, b)

.0434378

0.00000000000000000259753

.00332607



2. Low CS E->SA->JS
Coefficients (118, 53)

-187

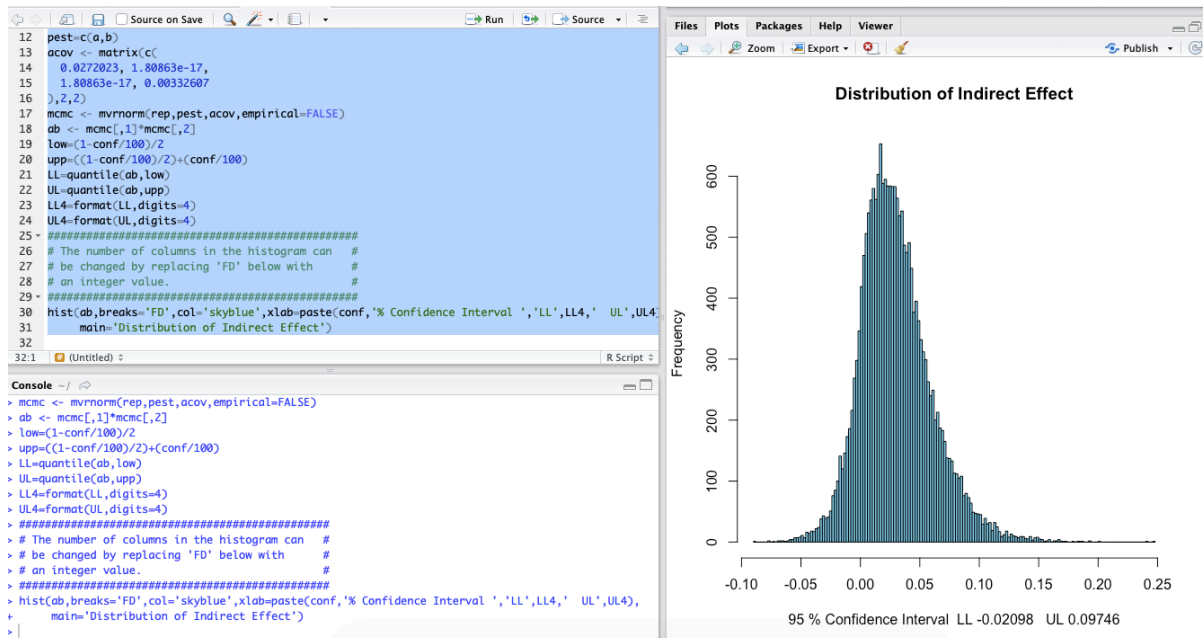
-159

Covariance Matrix

.0272023

0.000000000000000000180863

.00332607



3. Difference:
Coefficients (125, 126)

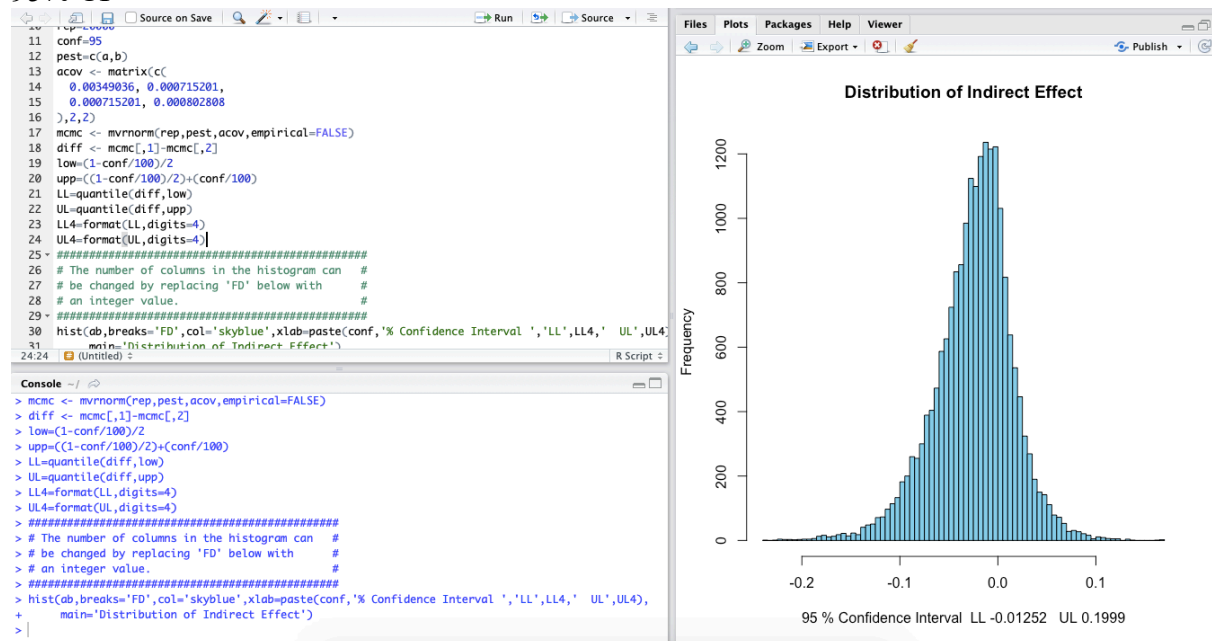
.125
.030

Covariance Matrix

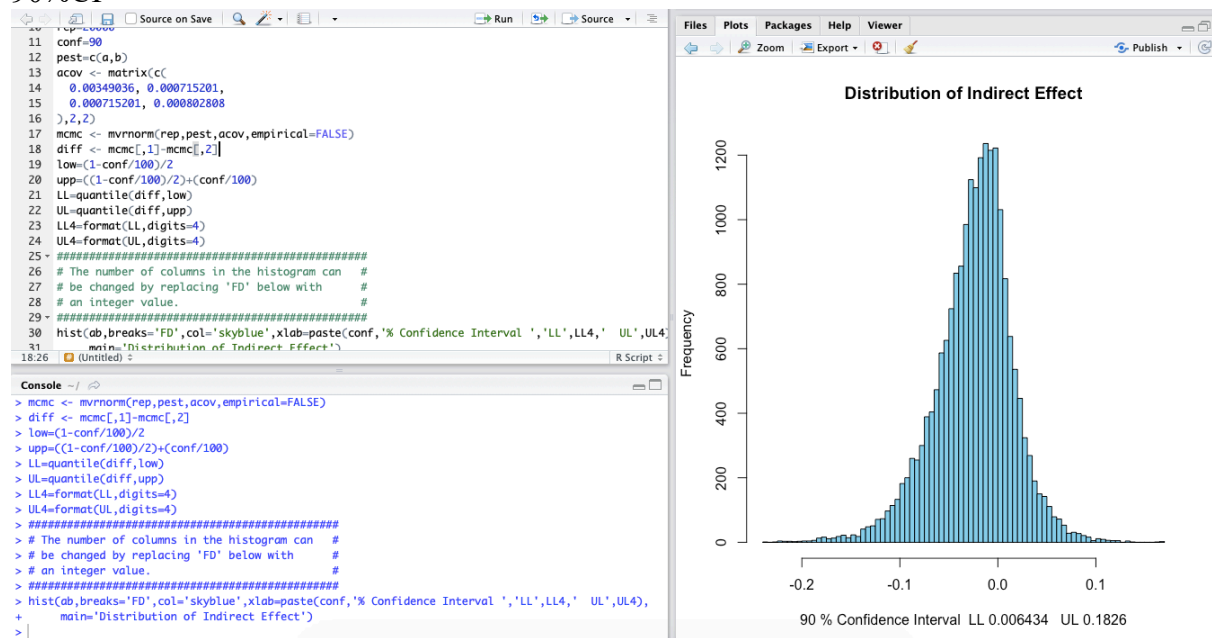
0.00349036

0.000715201 0.000802808

95% CI



90%CI



4. High CS E->AE->JS

Coefficients (119, 55)

.875

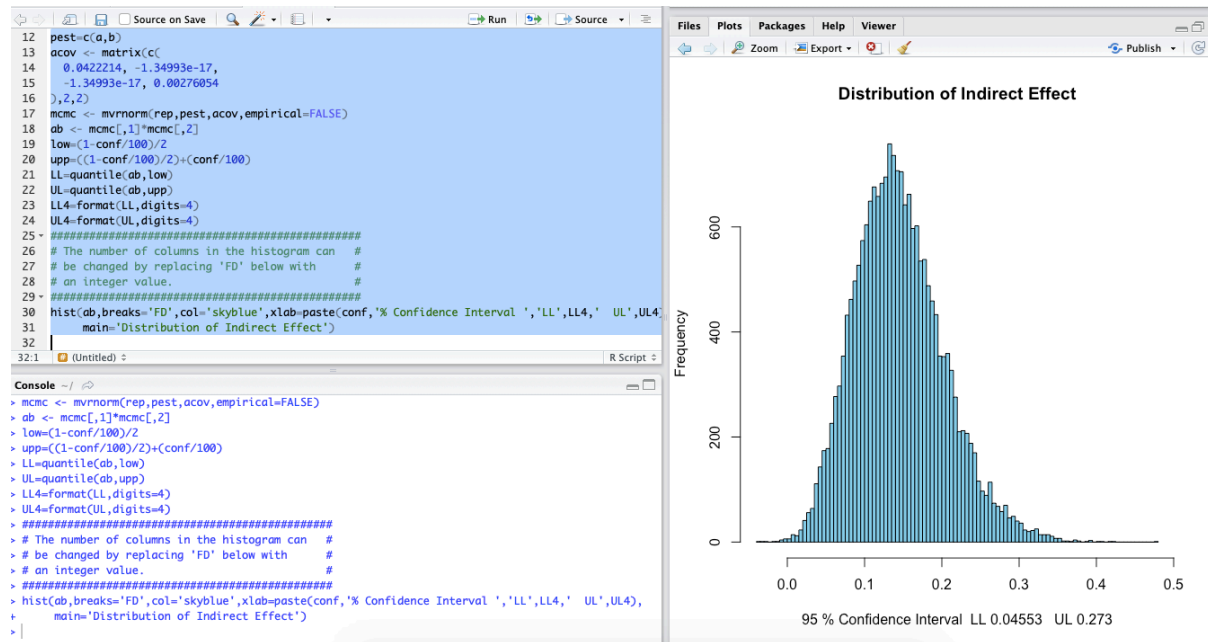
.166

Covariance Matrix

.0422214

-0.000000000000000000134993

.00276054



5. Low CS E->AE->JS (120, 55)

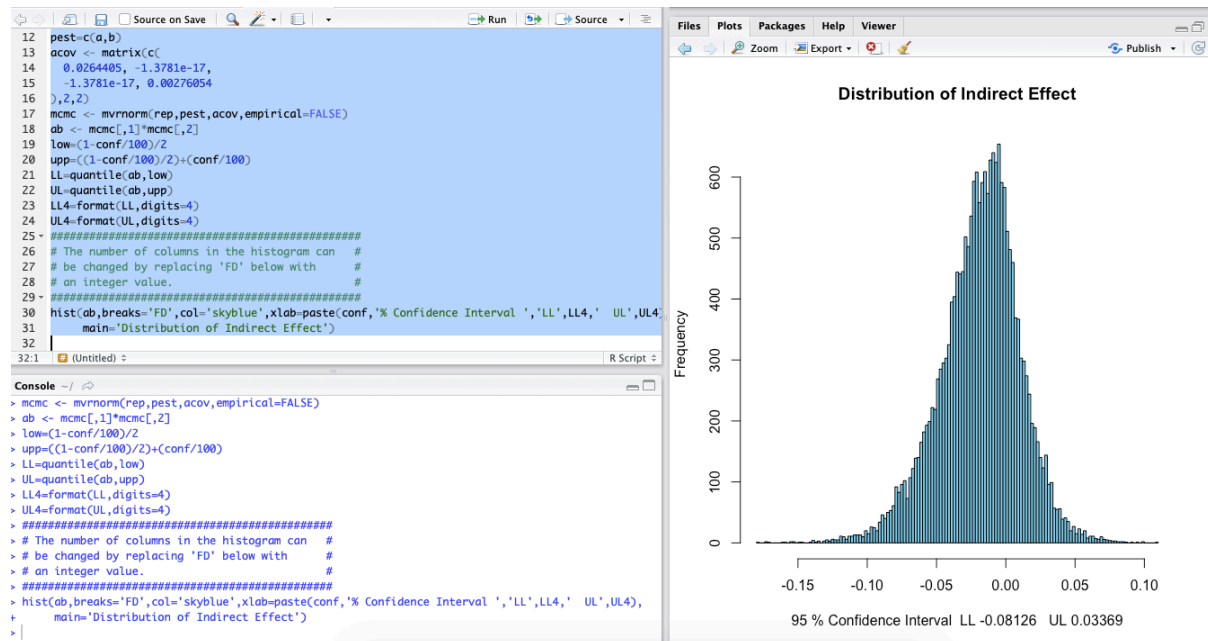
-.113

.166

Covariance Matrix

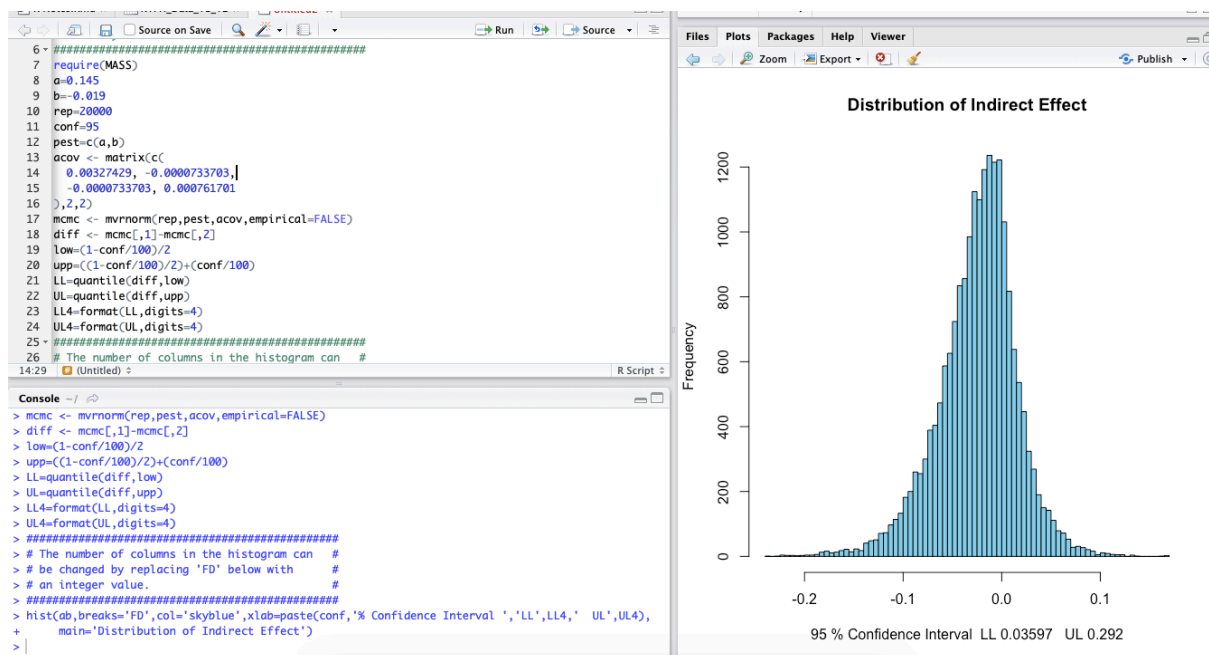
.0264405

-0.00000000000000000013781 .00276054



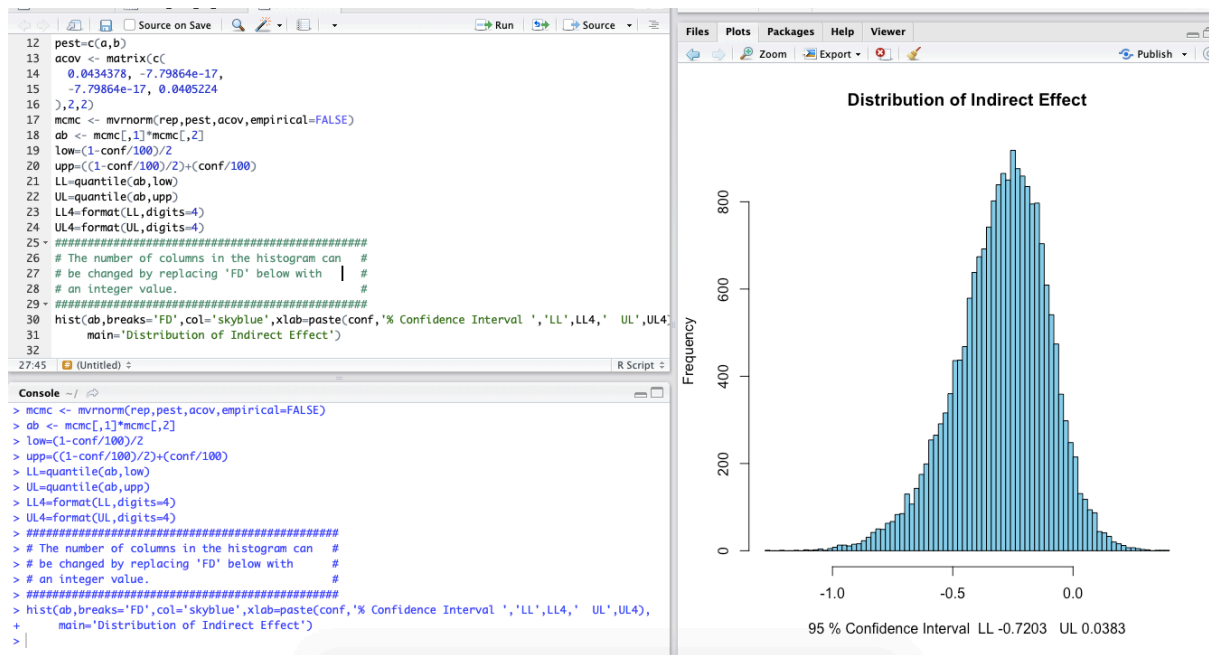
6. Difference
Coefficients (128 129)
.145
-.019

Covariance Matrix
0.00327429
-0.0000733703 0.000761701



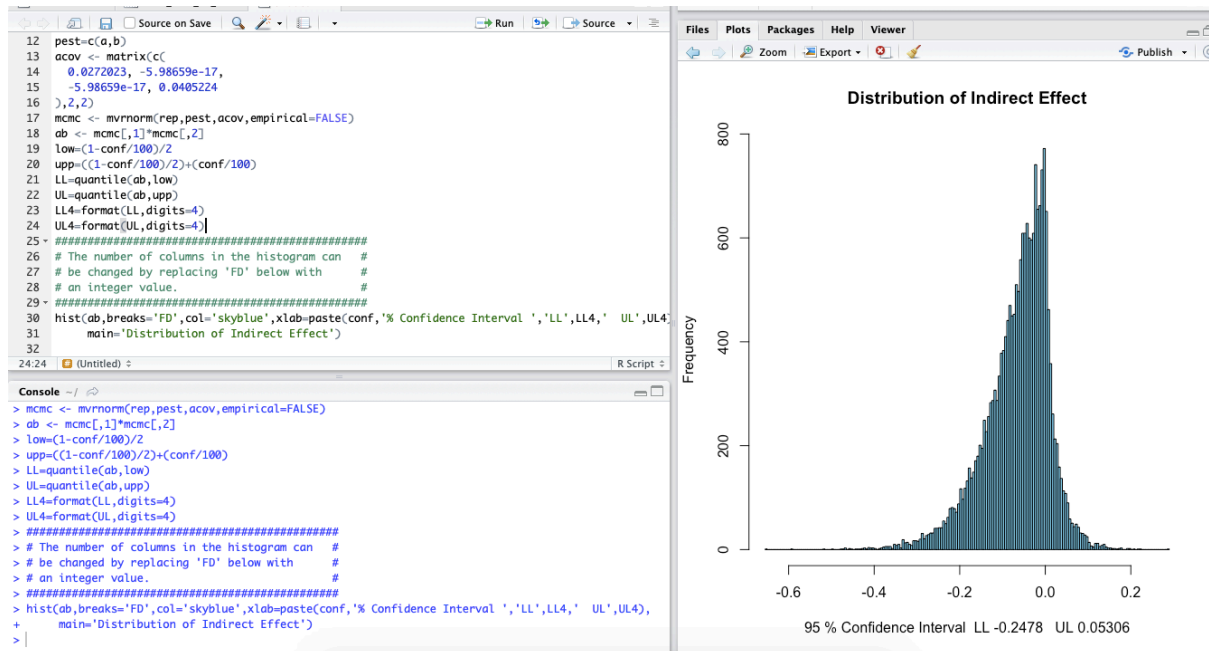
7. High CS E->SA->MC
Coefficients (117, 14)
-.848
.349

Covariance Matrix
.0434378
-0.000000000000000000779864 .0405224



8. Low CS E->SA MC
Coefficients (118, 14)
-.187
.349

Covariance Matrix
.0272023
-0.0000000000000000598659 .0405224



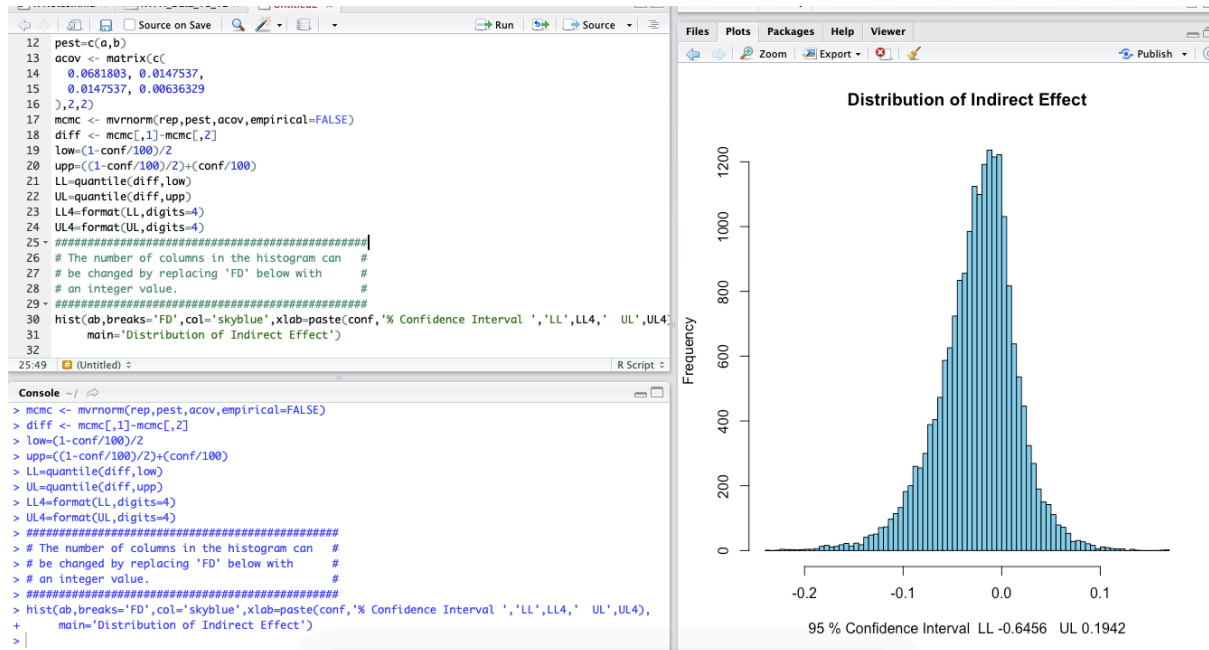
9. Difference
Coefficients (131, 132)
-.296

-.065

Covariance Matrix

0.0681803

0.0147537 0.00636329



10. High CS E->AE->JP

Coefficients (119, 65)

.875

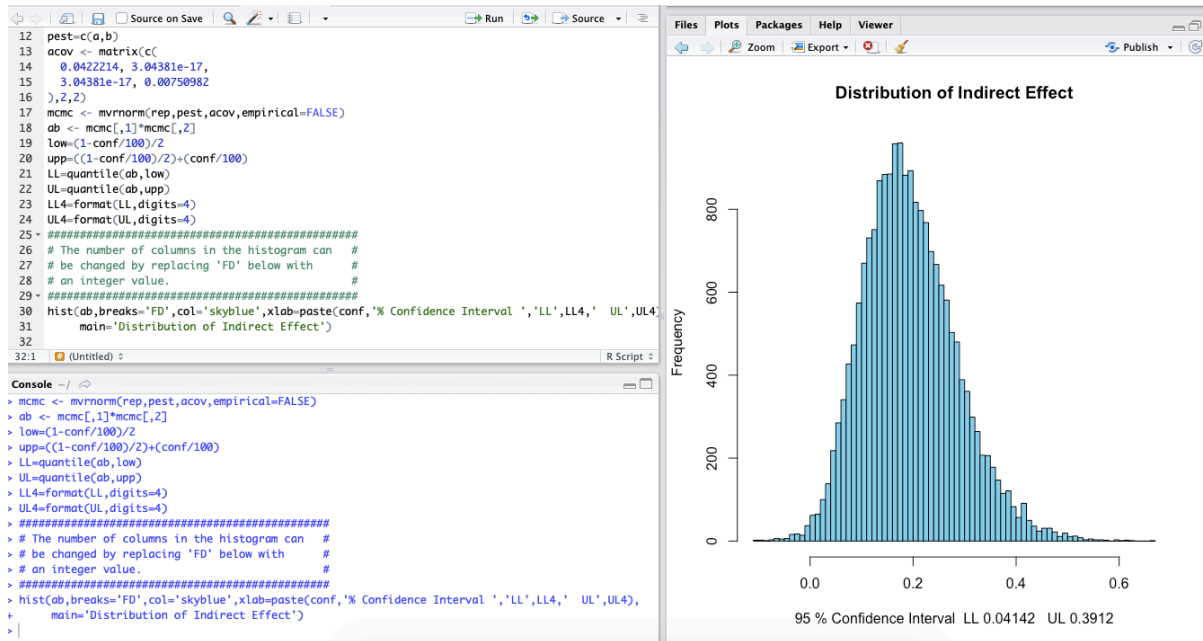
.221

Covariance Matrix

.0422214

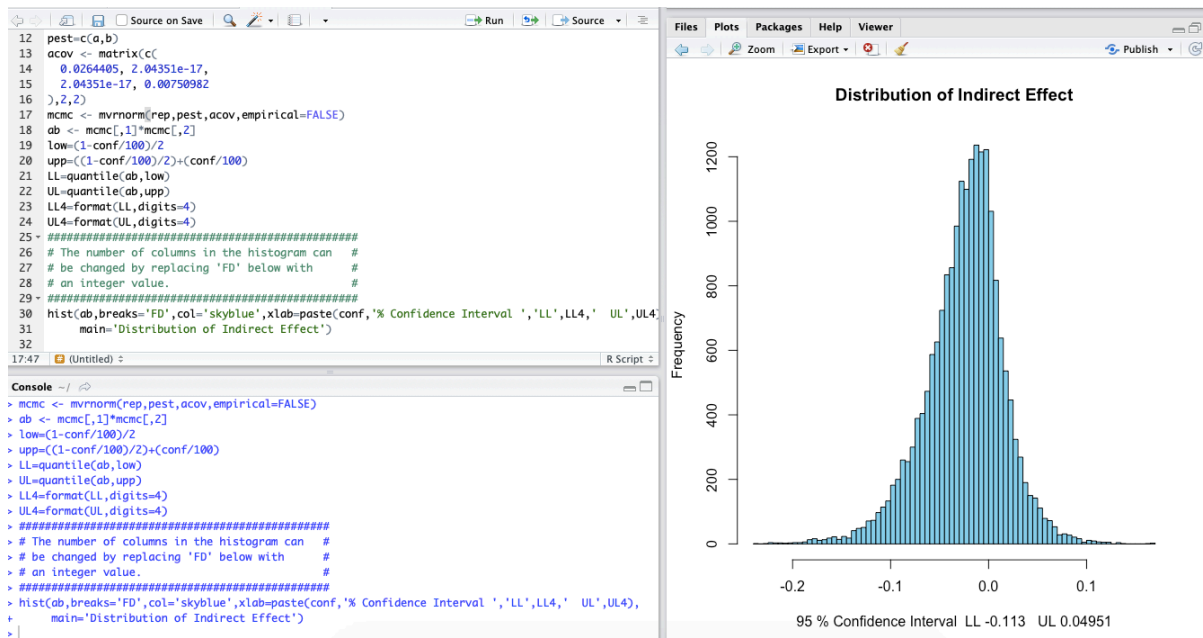
0.00000000000000000304381

.00750982



11. Low CS E->AE->JP
Coefficients (120, 65)
-.113
.221

Covariance Matrix
.0264405
0.00000000000000000204351 0.00750982



12. Difference:
Coefficients (134 135)
.193
-.025

Covariance Matrix

0.00781479

-0.000387112 0.00138789

