fit = exp1a\_ind model = evsd

One Sample t-test

data: res$sim\_eFCpcor1

t = 15.552, df = 71, p-value < 2.2e-16

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.5816407 0.6056540

sample estimates:

mean of x

0.5936474

fit = exp1a\_ind model = uvsd

One Sample t-test

data: res$sim\_eFCpcor1

t = -4.5437, df = 71, p-value = 2.211e-05

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.4336980 0.4741414

sample estimates:

mean of x

0.4539197

fit = exp1a\_ind model = dpsd

One Sample t-test

data: res$sim\_eFCpcor1

t = 11.817, df = 69, p-value < 2.2e-16

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.5478928 0.5673479

sample estimates:

mean of x

0.5576204

fit = exp1a\_ind model = msd

One Sample t-test

data: res$sim\_eFCpcor1

t = 16.176, df = 71, p-value < 2.2e-16

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.5836804 0.6072112

sample estimates:

mean of x

0.5954458

fit = exp1a\_ind model = gumbel

One Sample t-test

data: res$sim\_eFCpcor1

t = -7.1707, df = 70, p-value = 6.096e-10

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.3676789 0.4252683

sample estimates:

mean of x

0.3964736

fit = exp1a\_ind model = logistic

One Sample t-test

data: res$sim\_eFCpcor1

t = -9.5749, df = 71, p-value = 2.053e-14

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.4114957 0.4420040

sample estimates:

mean of x

0.4267499

fit = exp1a\_ind model = weibull

One Sample t-test

data: res$sim\_eFCpcor1

t = -0.65683, df = 71, p-value = 0.5134

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.4812656 0.5094501

sample estimates:

mean of x

0.4953578

fit = exp1a\_ind model = lognorm

One Sample t-test

data: res$sim\_eFCpcor1

t = -4.5587, df = 71, p-value = 2.093e-05

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.4334850 0.4739653

sample estimates:

mean of x

0.4537251

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fit = exp1b\_ind model = evsd

One Sample t-test

data: res$sim\_eFCpcor1

t = 14.029, df = 71, p-value < 2.2e-16

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.5729170 0.5970789

sample estimates:

mean of x

0.5849979

fit = exp1b\_ind model = uvsd

One Sample t-test

data: res$sim\_eFCpcor1

t = -3.2224, df = 71, p-value = 0.001921

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.4486056 0.4878967

sample estimates:

mean of x

0.4682511

fit = exp1b\_ind model = dpsd

One Sample t-test

data: res$sim\_eFCpcor1

t = 9.3833, df = 70, p-value = 5.262e-14

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.5447744 0.5689458

sample estimates:

mean of x

0.5568601

fit = exp1b\_ind model = msd

One Sample t-test

data: res$sim\_eFCpcor1

t = 14.615, df = 71, p-value < 2.2e-16

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.5809085 0.6064738

sample estimates:

mean of x

0.5936911

fit = exp1b\_ind model = gumbel

One Sample t-test

data: res$sim\_eFCpcor1

t = -7.1831, df = 70, p-value = 5.785e-10

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.3780615 0.4310603

sample estimates:

mean of x

0.4045609

fit = exp1b\_ind model = logistic

One Sample t-test

data: res$sim\_eFCpcor1

t = -9.1464, df = 71, p-value = 1.26e-13

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.4232912 0.4507504

sample estimates:

mean of x

0.4370208

fit = exp1b\_ind model = weibull

One Sample t-test

data: res$sim\_eFCpcor1

t = 1.2213, df = 71, p-value = 0.226

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.4936877 0.5262691

sample estimates:

mean of x

0.5099784

fit = exp1b\_ind model = lognorm

One Sample t-test

data: res$sim\_eFCpcor1

t = -3.2432, df = 71, p-value = 0.001802

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.4479444 0.4875827

sample estimates:

mean of x

0.4677635

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fit = exp2\_ind model = evsd

One Sample t-test

data: res$sim\_eFCpcor1

t = 21.324, df = 69, p-value < 2.2e-16

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.630312 0.657211

sample estimates:

mean of x

0.6437615

fit = exp2\_ind model = uvsd

One Sample t-test

data: res$sim\_eFCpcor1

t = -0.87434, df = 69, p-value = 0.385

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.4677977 0.5125767

sample estimates:

mean of x

0.4901872

fit = exp2\_ind model = dpsd

One Sample t-test

data: res$sim\_eFCpcor1

t = 16.094, df = 69, p-value < 2.2e-16

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.5906538 0.6163074

sample estimates:

mean of x

0.6034806

fit = exp2\_ind model = msd

One Sample t-test

data: res$sim\_eFCpcor1

t = 22.077, df = 69, p-value < 2.2e-16

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.6349837 0.6618028

sample estimates:

mean of x

0.6483933

fit = exp2\_ind model = gumbel

One Sample t-test

data: res$sim\_eFCpcor1

t = -6.6253, df = 68, p-value = 6.667e-09

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.3871128 0.4393733

sample estimates:

mean of x

0.413243

fit = exp2\_ind model = logistic

One Sample t-test

data: res$sim\_eFCpcor1

t = -9.115, df = 69, p-value = 1.844e-13

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.4100422 0.4423485

sample estimates:

mean of x

0.4261954

fit = exp2\_ind model = weibull

One Sample t-test

data: res$sim\_eFCpcor1

t = 3.8144, df = 69, p-value = 0.000294

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.5167832 0.5535871

sample estimates:

mean of x

0.5351851

fit = exp2\_ind model = lognorm

One Sample t-test

data: res$sim\_eFCpcor1

t = -0.8788, df = 69, p-value = 0.3826

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.4677974 0.5125073

sample estimates:

mean of x

0.4901524

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fit = exp3\_ind model = evsd

Paired t-test

data: res$eStrengthO1 and res$eStrengthN1

t = 13.602, df = 70, p-value < 2.2e-16

alternative hypothesis: true mean difference is not equal to 0

95 percent confidence interval:

0.1538692 0.2067458

sample estimates:

mean difference

0.1803075

fit = exp3\_ind model = uvsd

Paired t-test

data: res$eStrengthO1 and res$eStrengthN1

t = -3.8814, df = 70, p-value = 0.0002324

alternative hypothesis: true mean difference is not equal to 0

95 percent confidence interval:

-0.10167820 -0.03265329

sample estimates:

mean difference

-0.06716574

fit = exp3\_ind model = dpsd

Paired t-test

data: res$eStrengthO1 and res$eStrengthN1

t = 14.569, df = 70, p-value < 2.2e-16

alternative hypothesis: true mean difference is not equal to 0

95 percent confidence interval:

0.1113908 0.1467268

sample estimates:

mean difference

0.1290588

fit = exp3\_ind model = msd

Paired t-test

data: res$eStrengthO1 and res$eStrengthN1

t = 13.369, df = 70, p-value < 2.2e-16

alternative hypothesis: true mean difference is not equal to 0

95 percent confidence interval:

0.1436718 0.1940537

sample estimates:

mean difference

0.1688628

fit = exp3\_ind model = gumbel

Paired t-test

data: res$eStrengthO1 and res$eStrengthN1

t = -7.7575, df = 68, p-value = 6.041e-11

alternative hypothesis: true mean difference is not equal to 0

95 percent confidence interval:

-0.2137679 -0.1262935

sample estimates:

mean difference

-0.1700307

fit = exp3\_ind model = logistic

Paired t-test

data: res$eStrengthO1 and res$eStrengthN1

t = -10.623, df = 70, p-value = 3.045e-16

alternative hypothesis: true mean difference is not equal to 0

95 percent confidence interval:

-0.5052936 -0.3455550

sample estimates:

mean difference

-0.4254243

fit = exp3\_ind model = weibull

Paired t-test

data: res$eStrengthO1 and res$eStrengthN1

t = 3.3663, df = 70, p-value = 0.00124

alternative hypothesis: true mean difference is not equal to 0

95 percent confidence interval:

0.003574413 0.013967292

sample estimates:

mean difference

0.008770853

fit = exp3\_ind model = lognorm

Paired t-test

data: res$eStrengthO1 and res$eStrengthN1

t = -3.1269, df = 70, p-value = 0.002573

alternative hypothesis: true mean difference is not equal to 0

95 percent confidence interval:

-0.012886217 -0.002849558

sample estimates:

mean difference

-0.007867887

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fit = exp1a\_ind model = gamma

One Sample t-test

data: res$sim\_eFCpcor1

t = -2.6192, df = 71, p-value = 0.01077

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.4577912 0.4942794

sample estimates:

mean of x

0.4760353

fit = exp1b\_ind model = gamma

One Sample t-test

data: res$sim\_eFCpcor1

t = -0.59195, df = 71, p-value = 0.5558

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.4751750 0.5134594

sample estimates:

mean of x

0.4943172

fit = exp2\_ind model = gamma

One Sample t-test

data: res$sim\_eFCpcor1

t = 1.7153, df = 69, p-value = 0.09079

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.4968959 0.5411781

sample estimates:

mean of x

0.519037

fit = exp3\_ind model = gamma

Paired t-test

data: res$eStrengthO1 and res$eStrengthN1

t = 1.0557, df = 70, p-value = 0.2948

alternative hypothesis: true mean difference is not equal to 0

95 percent confidence interval:

-0.005454353 0.017721017

sample estimates:

mean difference

0.006133332

fit = exp1a\_ind model = expo

One Sample t-test

data: res$sim\_eFCpcor1

t = 6.3789, df = 71, p-value = 1.582e-08

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.5092016 0.5175699

sample estimates:

mean of x

0.5133858

fit = exp1b\_ind model = expo

One Sample t-test

data: res$sim\_eFCpcor1

t = 5.48, df = 71, p-value = 6.119e-07

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.5043022 0.5092237

sample estimates:

mean of x

0.506763

fit = exp2\_ind model = expo

One Sample t-test

data: res$sim\_eFCpcor1

t = 7.7205, df = 69, p-value = 6.483e-11

alternative hypothesis: true mean is not equal to 0.5

95 percent confidence interval:

0.5153430 0.5260348

sample estimates:

mean of x

0.5206889

fit = exp3\_ind model = expo

Paired t-test

data: res$eStrengthO1 and res$eStrengthN1

t = 3.0174, df = 70, p-value = 0.003553

alternative hypothesis: true mean difference is not equal to 0

95 percent confidence interval:

0.002458168 0.012043255

sample estimates:

mean difference

0.007250711