> Blease\_3B\_6data <- read.csv('Blease\_3B\_6.csv', header = TRUE)

> curve\_3B6 <- specaccum(Blease\_3B\_6data, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_3B6, add = TRUE, col = "purple")

> results <- with(curve\_3B6, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 15.75 1.920286

2 2 19.00 1.994925

3 3 21.25 1.920286

4 4 23.00 0.000000

> Blease\_3B\_9data <- read.csv('Blease\_3B\_9.csv', header = TRUE)

> curve\_3B9 <- specaccum(Blease\_3B\_9data, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_3B9, add = TRUE, col = "purple")

> results <- with(curve\_3B9, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 17.50 2.2912878

2 2 20.00 1.0768520

3 3 21.25 0.4330127

4 4 22.00 0.0000000

> Bryson\_2B\_9data <- read.csv('Bryson\_2B\_9.csv', header = TRUE)

> curve\_2B9 <- specaccum(Bryson\_2B\_9data, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_2B9, add = TRUE, col = "purple")

> results <- with(curve\_2B9, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 13.50000 2.061553

2 2 15.66667 1.572188

3 3 17.00000 1.000000

4 4 18.00000 0.000000

> Burnett\_1B\_5data <- read.csv('Burnett\_1B\_5.csv', header = TRUE)

> curve\_1B5 <- specaccum(Burnett\_1B\_5data, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_1B5, add = TRUE, col = "purple")

> results <- with(curve\_1B5, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 18.00 0.7071068

2 2 21.50 0.6774995

3 3 23.25 0.8291562

4 4 24.00 0.0000000

> Creswell\_0B\_8data <- read.csv('Creswell\_0B\_8.csv', header = TRUE)

> curve\_0B8 <- specaccum(Creswell\_0B\_8data, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_0B8, add = TRUE, col = "purple")

> results <- with(curve\_0B8, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 15.75000 2.2776084

2 2 20.33333 0.9826565

3 3 22.75000 0.8291562

4 4 24.00000 0.0000000

> Creswell\_2B\_10data <- read.csv('Creswell\_2B\_10.csv', header = TRUE)

> curve\_2B10 <- specaccum(Creswell\_2B\_10data, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_2B10, add = TRUE, col = "purple")

> results <- with(curve\_2B10, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 16.00000 0.7071068

2 2 19.16667 0.8741356

3 3 21.25000 0.8291562

4 4 23.00000 0.0000000

> Hudson\_2B\_7data <- read.csv('Hudson\_2B\_7.csv', header = TRUE)

> curve\_2B7 <- specaccum(Hudson\_2B\_7data, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_2B7, add = TRUE, col = "purple")

> results <- with(curve\_2B7, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 16.00000 2.738613

2 2 20.33333 2.124644

3 3 23.00000 1.870829

4 4 25.00000 0.000000

> Kemp\_0B\_10data <- read.csv('Kemp\_0B\_10.csv', header = TRUE)

> curve\_0B10 <- specaccum(Kemp\_0B\_10data, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_0B10, add = TRUE, col = "purple")

> results <- with(curve\_0B10, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 16.25 1.479020

2 2 19.50 1.837178

3 3 21.50 1.658312

4 4 23.00 0.000000

> Kemp\_1B\_1data <- read.csv('Kemp\_1B\_1.csv', header = TRUE)

> curve\_1B1 <- specaccum(Kemp\_1B\_1data, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_1B1, add = TRUE, col = "purple")

> results <- with(curve\_1B1, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 17.00000 1.8708287

2 2 21.33333 1.6769508

3 3 24.25000 0.8291562

4 4 26.00000 0.0000000

> Kemp\_2B\_5data <- read.csv('Kemp\_2B\_5.csv', header = TRUE)

> curve\_2B5 <- specaccum(Kemp\_2B\_5data, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_2B5, add = TRUE, col = "purple")

> results <- with(curve\_2B5, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 17.00 0.7071068

2 2 20.50 1.0002240

3 3 22.75 1.0897247

4 4 24.00 0.0000000

> Kessler\_3B\_4data <- read.csv('Kessler\_3B\_4.csv', header = TRUE)

> curve\_3B4 <- specaccum(Kessler\_3B\_4data, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_3B4, add = TRUE, col = "purple")

> results <- with(curve\_3B4, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 14.75000 0.8291562

2 2 17.83333 0.7264832

3 3 19.75000 0.4330127

4 4 21.00000 0.0000000

> Kessler\_3B\_5Bdata <- read.csv('Kessler\_3B\_5B.csv', header = TRUE)

> curve\_3B5B <- specaccum(Kessler\_3B\_5Bdata, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_3B5B, add = TRUE, col = "purple")

> results <- with(curve\_3B5B, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 18.00 2.449490

2 2 22.50 1.559671

3 3 25.25 1.920286

4 4 27.00 0.000000

> Mathis\_1B\_6data <- read.csv('Mathis\_1B\_6.csv', header = TRUE)

> curve\_1B6 <- specaccum(Mathis\_1B\_6data, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_1B6, add = TRUE, col = "purple")

> results <- with(curve\_1B6, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 17.00000 1.490116e-08

2 2 19.33333 1.145888e+00

3 3 20.75000 1.299038e+00

4 4 22.00000 0.000000e+00

> Mills\_0B\_9data <- read.csv('Mills\_0B\_9.csv', header = TRUE)

> curve\_0B9 <- specaccum(Mills\_0B\_9data, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_0B9, add = TRUE, col = "purple")

> results <- with(curve\_0B9, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 14.00000 1.8708287

2 2 16.16667 1.3793309

3 3 17.25000 0.8291562

4 4 18.00000 0.0000000

> Mills\_1B\_45data <- read.csv('Mills\_1B\_45.csv', header = TRUE)

> curve\_1B45 <- specaccum(Mills\_1B\_45data, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_1B45, add = TRUE, col = "purple")

> results <- with(curve\_1B45, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 17.00000 2.7386128

2 2 20.83333 1.4335646

3 3 22.75000 0.8291562

4 4 24.00000 0.0000000

> Shealy\_0B\_2data <- read.csv('Shealy\_0B\_2.csv', header = TRUE)

> curve\_0B2 <- specaccum(Shealy\_0B\_2data, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_0B2, add = TRUE, col = "purple")

> results <- with(curve\_0B2, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 14.25000 1.089725

2 2 17.66667 1.645633

3 3 20.00000 1.224745

4 4 22.00000 0.000000

> Shealy\_0B\_4data <- read.csv('Shealy\_0B\_4.csv', header = TRUE)

> curve\_0B4 <- specaccum(Shealy\_0B\_4data, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_0B4, add = TRUE, col = "purple")

> results <- with(curve\_0B4, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 17.50000 1.658312

2 2 21.16667 1.000224

3 3 23.25000 1.089725

4 4 25.00000 0.000000

> Shealy\_1B\_3Bdata <- read.csv('Shealy\_1B\_3B.csv', header = TRUE)

> curve\_1B3B <- specaccum(Shealy\_1B\_3Bdata, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_1B3B, add = TRUE, col = "purple")

> results <- with(curve\_1B3B, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 14.25 2.165064

2 2 18.00 2.026068

3 3 20.25 1.920286

4 4 22.00 0.000000

> Shealy\_1B\_E\_Sdata <- read.csv('Shealy\_1B\_E\_S.csv', header = TRUE)

> curve\_1BES <- specaccum(Shealy\_1B\_E\_Sdata, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_1BES, add = TRUE, col = "purple")

> results <- with(curve\_1BES, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 19.50000 1.5000000

2 2 24.33333 1.1698785

3 3 27.25000 0.8291562

4 4 29.00000 0.0000000

> Shealy\_2B\_3data <- read.csv('Shealy\_2B\_3.csv', header = TRUE)

> curve\_2B3 <- specaccum(Shealy\_2B\_3data, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_2B3, add = TRUE, col = "purple")

> results <- with(curve\_2B3, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 14.75000 1.299038

2 2 17.83333 1.589899

3 3 19.75000 1.299038

4 4 21.00000 0.000000

> Suggs\_0B\_E\_Sdata <- read.csv('Suggs\_0B\_E\_S.csv', header = TRUE)

> curve\_0BES <- specaccum(Suggs\_0B\_E\_Sdata, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_0BES, add = TRUE, col = "purple")

> results <- with(curve\_0BES, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 15.75 0.8291562

2 2 18.50 1.2473988

3 3 20.00 1.2247449

4 4 21.00 0.0000000

> Swanson\_3B\_2data <- read.csv('Swanson\_3B\_2.csv', header = TRUE)

> curve\_3B2 <- specaccum(Swanson\_3B\_2data, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_3B2, add = TRUE, col = "purple")

> results <- with(curve\_3B2, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 19.25 1.7853571

2 2 22.50 1.1117046

3 3 24.00 0.7071068

4 4 25.00 0.0000000

> Timberhaven\_2B\_1data <- read.csv('Timberhaven\_2B\_1.csv', header = TRUE)

> curve\_2B1 <- specaccum(Timberhaven\_2B\_1data, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_2B1, add = TRUE, col = "purple")

> results <- with(curve\_2B1, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 17.25000 0.8291562

2 2 20.33333 0.4251819

3 3 22.50000 0.5000000

4 4 24.00000 0.0000000

> Turkey\_Rd\_2B\_6Adata <- read.csv('Turkey\_Rd\_2B\_6A.csv', header = TRUE)

> curve\_2B6A <- specaccum(Turkey\_Rd\_2B\_6Adata, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_2B6A, add = TRUE, col = "purple")

> results <- with(curve\_2B6A, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 18.50000 1.1180340

2 2 20.16667 0.8741356

3 3 21.25000 0.8291562

4 4 22.00000 0.0000000

> Abercrombie\_Rd\_0B\_E\_ABdata <- read.csv('Turner\_Abercrombie\_Rd\_0B\_E\_AB.csv', header = TRUE)

> curve\_0BEAB <- specaccum(Abercrombie\_Rd\_0B\_E\_ABdata, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_0BEAB, add = TRUE, col = "purple")

> results <- with(curve\_0BEAB, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 11.50000 1.1180340

2 2 12.83333 1.1117046

3 3 14.00000 0.7071068

4 4 15.00000 0.0000000

> Abercrombie\_Rd\_1B\_2data <- read.csv('Turner\_Abercrombie\_Rd\_1B\_2.csv', header = TRUE)

> curve\_1B2 <- specaccum(Abercrombie\_Rd\_1B\_2data, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_1B2, add = TRUE, col = "purple")

> results <- with(curve\_1B2, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 13.50 0.8660254

2 2 16.00 0.8539782

3 3 17.75 0.4330127

4 4 19.00 0.0000000

> Honea\_Path\_0B\_1data <- read.csv('Turner\_Honea\_Path\_0B\_1.csv', header = TRUE)

> curve\_0B1 <- specaccum(Honea\_Path\_0B\_1data, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_0B1, add = TRUE, col = "purple")

> results <- with(curve\_0B1, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 10.25000 0.8291562

2 2 13.16667 1.2746670

3 3 15.25000 0.8291562

4 4 17.00000 0.0000000

> Honea\_Path\_3B\_1data <- read.csv('Turner\_Honea\_Path\_3B\_1.csv', header = TRUE)

> curve\_3B1 <- specaccum(Honea\_Path\_3B\_1data, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_3B1, add = TRUE, col = "purple")

> results <- with(curve\_3B1, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 17.50000 0.8660254

2 2 20.83333 0.9574271

3 3 22.75000 0.8291562

4 4 24.00000 0.0000000

> Honea\_Path\_3B\_3data <- read.csv('Turner\_Honea\_Path\_3B\_3.csv', header = TRUE)

> curve\_3B3 <- specaccum(Honea\_Path\_3B\_3data, "exact")

Warning message:

In cor(x > 0) : the standard deviation is zero

> plot(curve\_3B3, add = TRUE, col = "purple")

> results <- with(curve\_3B3, data.frame(sites, richness, sd))

> results

sites richness sd

1 1 19.00000 1.4142136

2 2 21.83333 1.0408330

3 3 23.25000 0.4330127

4 4 24.00000 0.0000000