

Third Fitting of Thermal Models

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Goal

- Fit series of thermal models, including, ultimately, those found in `rTPC` to data collected in the Derryberry lab.

Recap

Previous work suggests that

- Temp is hard to control in chambers, so we should work with `temp_mean` (mean value during trial), not `temp_target`.
- `humidity_mean` and `temp_mean` strongly co-vary so consider using aggregate index as explanatory variable
 - Vapor Pressure Deficit (provided by `humidity` package)
 - Heat Index (formulated for humans, and provided by `weathermetrics`)
- Round 3 data only for curve fitting
 - Only round where `temp_mean` and `humidity_mean` exist.
- `count_total_round` are consistent between Rounds 1 and 3, so could use that info to classify birds, estimate variance function in response, etc.
- One bird in `round = 3` collapsed during the trial so it was terminated. We've set the `song_count` from NA to 0 and should consider making at `temp_working` column using `temp_target` in this instance and `temp_mean` in all other instances. Would need to do something similar for relative humidity, i.e. use `mean(humidity_mean)` for the `temp_target` value.

Current Work

- Created `temp` and `humidity` variables from `temp_mean` and `humidity_mean` for males who didn't collapse, used `mean(temp_mean)` and `mean(humidity_mean)` values for one male that did.
- Copied `data_full` and set `male = "combined"` so we could look at all of the data at once.
- Learned about using `model` argument for glm models
- Can't fit ME models
 - I don't understand why the ME model with `song_count` where we use a RE for the intercept doesn't have a similar effect as using `song_prop`. This intercept value is essentially multiplying by a constant, so we could try and specify this value using `offset(log(count_total_round))`. So why doesn't this work?

Next Steps

Which Explanatory Variable: temp, humidity, vpd?

- Liz will look into operative temp
- Use of `vpd_mean` is somewhat arbitrary since it depends on the experimental design.
 - Use of 0 reference in vpd seems less arbitrary than using 0 C.
- Note that we could scale `temp_mean` relative to $C = 45$, which is the understood thermal maximum.
 - This is what Liz wants to do since it's easier to interpret

Including beak and mass data

- Include beak size (surface area) as additional explanatory variable. We do have bird mass as well
- Notes from Liz
 - Do birds with larger beaks maintain singing at higher rates at higher temps?
 - We calculated bill surface area approximately as the surface area of a cone: $\text{length} * \pi * (\text{width} + \text{depth}) / 4$.
 - Because larger animals produce more heat (Kleiber 1932), we scaled bill size relative to heat production by dividing bill surface area by expected daily energy consumption (`mass0.658`; Speakman and Król 2010, Hudson et al. 2013).
 - So, looks like we need to calculate bill surface area and then scale relative to heat production (`bill surface area/mass0.658`)

Type of Model Fitted

- Don't worry about random effects for now
- Try the quadratic fit with just temperature and the 0 set at 45C.
 - Quadratic function – pull out the peak, the curvature at the peak, calculate the intercept at some temp – what is the intercept
- Begin fitting rTPC models to combined dataset.

Using Data from Rounds 1 and 2

- Liz: Ask Kayci about `temp_mean` and `humidity_mean` data for rounds 1 and 2.
- Look for order effects in round 1 and 2? Can we use any of this data? Seems like there will be an issue if we throw out, say, first two trials, when using `song_prop`. Note that since `total_count` is consistent for a bird between rounds, this may not be an issue.
- Begin fitting rTPC models to combined dataset.
- We could include `round = 2`
 - Would need to down weight `song_count` values when combining across `count_total_round` values.

Additional Liz

- Follow up with Ray/Juan about ground versus surface temp for operative temperature.
- What is the 0 for operative temperature?
- Ponder utility of other ZF data on panting.

Set up

Install libraries

```
## install packages user might not have by replacing FALSE with TRUE
if(FALSE) {
  BiocManager::install("mixOmics") ## needed by RVAideMemoire
  install.packages(c("RSQLite", "nls.multstart", "lme4", "RVAideMemoire"))
  ## Install the thermal curve package from git_hub, not cran
  remotes::install_github("padpadpadpad/rTPC")
}
```

```
## load libraries
library(stats)
require(MASS) # provides negative binomial fitting: glm.nb
```

Loading required package: MASS

```
library(RSQLite) # Don't think we need this.
library(rTPC) ##
library(nls.multstart)
library(broom)
library(tidyverse)
```

-- Attaching packages

```
## ----- tidyverse
## 1.3.2 --
```

```
## v ggplot2 3.3.6      v purrr 0.3.4
## v tibble 3.1.8       v dplyr 1.0.99.9000
## v tidyr 1.2.0.9000   v stringr 1.4.1
## v readr 2.1.2        v forcats 0.5.2
```

```
## -- Conflicts ----- tidyverse_conflic
```

```
## x dplyr::filter() masks stats::filter()
## x dplyr::lag() masks stats::lag()
## x dplyr::select() masks MASS::select()
```

```
require(ggplot2)
require(ggpubr)
```

Loading required package: ggpubr

```
require(viridisLite)
```

Loading required package: viridisLite

```
#options(ggplot2.continuous.colour="viridis",
#       ggplot2.discrete.colour="viridis",
#       ggplot2.scale_fill_discrete = scale_fill_viridis_d,
#       ggplot2.scale_fill_continuous = scale_fill_viridis_c)
```

```
require(GGally)
```

```
## Loading required package: GGally
## Registered S3 method overwritten by 'GGally':
##   method from
##   +.gg      ggplot2
```

```
require(reshape2)
```

```
## Loading required package: reshape2
##
## Attaching package: 'reshape2'
##
## The following object is masked from 'package:tidyr':
##
##     smiths
```

```
require(lme4)
```

```
## Loading required package: lme4
## Loading required package: Matrix
##
## Attaching package: 'Matrix'
##
## The following objects are masked from 'package:tidyr':
##
##     expand, pack, unpack
```

```
require(RVAideMemoire) # provides overdisp.glmr()
```

```
## Loading required package: RVAideMemoire
## *** Package RVAideMemoire v 0.9-81-2 ***
##
## Attaching package: 'RVAideMemoire'
##
## The following object is masked from 'package:lme4':
##
##     dummy
##
## The following object is masked from 'package:broom':
##
##     bootstrap
```

```
require(humidity) ## provides VPD
```

```
## Loading required package: humidity
```

```
require(weathermetrics)
```

```
## Loading required package: weathermetrics
```

```
require(latex2exp)
```

```
## Loading required package: latex2exp
```

Load Data

```
## Read in ZEFI Data sets
```

```
## Treat 'repeatability' as round = 0
```

```
## Add round info
```

```
## Repeatability was done between round 1 and 2, female was present, but only one temp. so treating as
```

```
git_root <- system("git rev-parse --show-toplevel", intern = TRUE)
```

```
data_raw = list()
```

```
data_raw[[1]] <- read.csv(file.path(git_root, "data", "raw_data", "HSPi-Round-1-Heat-Trials.csv")) %>%  
  ## Note T237 and T230 are missing numbers in the song_count column  
  ## so we are filtering these observations out until they are found  
  filter(!is.na(song_count))
```

```
data_raw[[2]] <- read.csv(file.path(git_root, "data", "raw_data", "HSPi-Repeatability-Song-Count.csv"))  
  mutate(round = 2) %>%  
  group_by(male) %>%  
  mutate(test_order = rank(date)) %>%  
  ungroup()
```

```
data_raw[[3]] <- read.csv(file.path(git_root, "data", "raw_data", "HSPi-Round-2-Heat-Trials.csv")) %>%  
  mutate(round = 3) %>%  
  ## Deal with missing temp_mean and humidity_mean values  
  ## in round == 3  
  ## 2022/10/19 - code no longer needed  
  ## group_by(temp_target) %>%  
  ##mutate(temp = if_else((round == 3 & is.na(temp_mean)),  
  ##                      mean(temp_mean, na.rm = TRUE),  
  ##                      temp_mean)) %>%  
  ##mutate(humidity = if_else((round == 3 & is.na(humidity_mean)),  
  ##                      mean(humidity_mean, na.rm = TRUE),  
  ##                      humidity_mean)) %>%  
  ungroup()
```

```
## Join data and discard empty columns
```

```
data_full <- full_join(data_raw[[1]], data_raw[[2]]) %>%  
  full_join(data_raw[[3]]) %>%  
  discard(~all(is.na(.) | . == "")) %>% ## get rid of columns of only NA
```

```

mutate(trial_completed = !(is.na(song_count)) ) %>%
mutate(song_count = ifelse(is.na(song_count), 0, song_count)) %>%
mutate(song_count = song_count*1.0) %>% ## convert to a double so it's not treated as an integer
mutate(chamber = as.factor(chamber), male = as.factor(male)) %>%
## create a global variable trial_order based on individual rounds
mutate(trial_index = as.integer(round*10+test_order)) %>%
mutate(song_count_plus_1 = (song_count + 1)) %>%
mutate(log_song_count_plus_1 = log(song_count + 1)) %>%
mutate(temp_target = as.numeric(temp_target)) %>%
## Add column with total song_count for a given round
group_by(male, round ) %>%
mutate(count_total_round = sum(song_count) ) %>%
ungroup() %>%
mutate(song_prop = song_count/count_total_round) %>%
## assuming poisson error
## From glm man page
## > Non-'NULL' 'weights' can be used to indicate that different
## > observations have different dispersions (with the values in
## > 'weights' being inversely proportional to the dispersions);
## add +1 to deal with single 0
mutate(count_wt = 1/(song_count + 1)) %>%
## need to rescale wts for song_prop data
mutate(prop_wt = count_wt * count_total_round^2) %>%
## Add vpd
mutate(svp = SVP(t = temp_mean + 273.15, isK = TRUE), vpd = svp*(1-humidity_mean/100) ) %>%
group_by(round) %>%
mutate(vpd_offset = vpd - mean(vpd)) %>%
ungroup() %>%
relocate(song_count, song_prop, vpd, temp_mean, humidity_mean, .after = male) %>%
mutate() ## Dummy function so we can comment out lines above it w/o any issues

```

```
## Joining, by = c("male", "chamber", "date", "song_count", "counter", "test_order", "temp_target", "round")
```

```
## Joining, by = c("male", "chamber", "date", "song_count", "counter", "test_order", "temp_target", "round")
```

Third Analysis for Liz

Examine Data

```

data_count_total <- data_full %>% group_by(round) %>%
  select(male, round, count_total_round) %>%
  distinct()

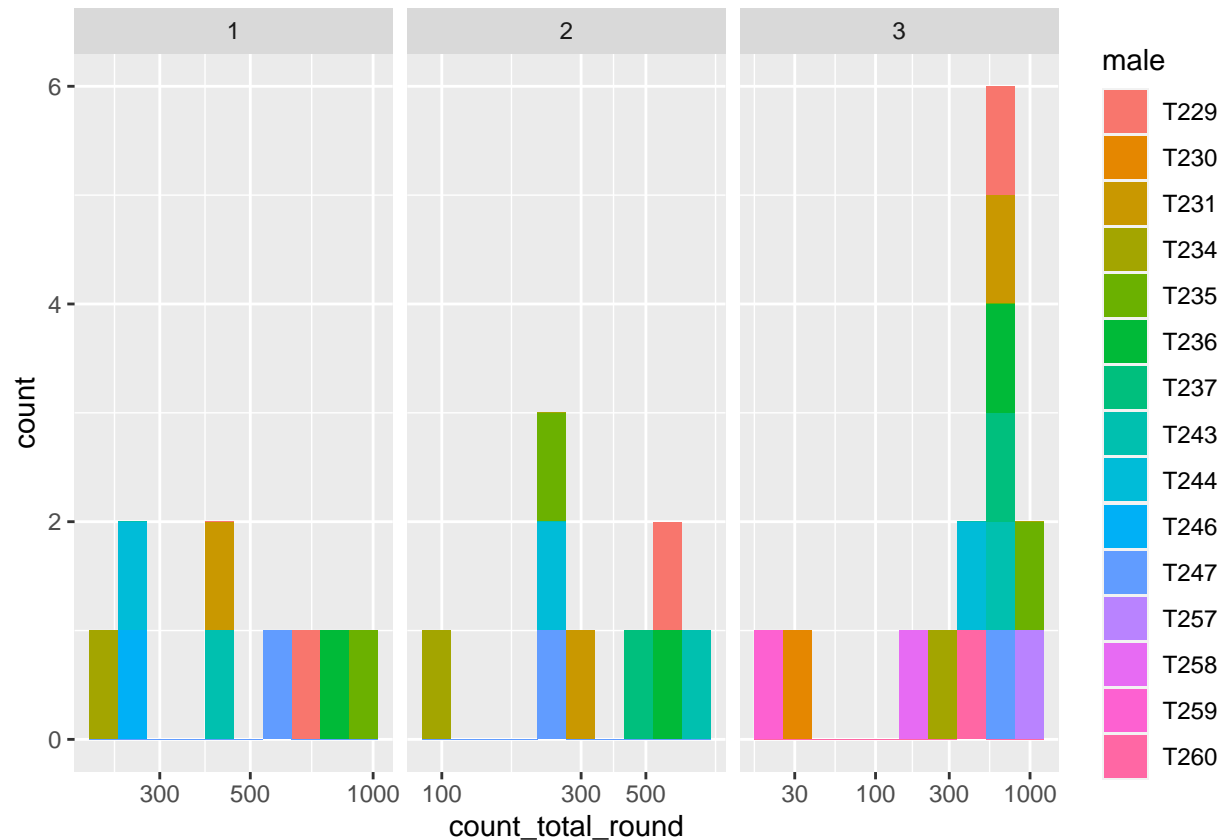
t <- ggplot(data_count_total, aes(count_total_round, fill = male)) +
  geom_histogram(bins = 10) +
  scale_x_log10()

hist_count_total <- t +
  facet_grid(cols = vars(round), scales = "free_x")
hist_count_total

```

```
## Warning: Transformation introduced infinite values in continuous x-axis
```

```
## Warning: Removed 1 rows containing non-finite values (stat_bin).
```



```
## Compare count_total_round between round 1 and 3
```

```
count_total_by_round <- data_full %>%
  select(male, round, count_total_round) %>%
  unique() %>%
  pivot_wider(names_from = round, values_from = count_total_round)
```

```
## Modified from https://stackoverflow.com/a/68553749/5322644
diag_plots <- function(data, mapping, ...) {
  ggplot(data = data, mapping = mapping) +
    # choose color by counter and send bin width argument in
    geom_histogram(...)
}
```

```
# pairs plot
ggpairs(count_total_by_round %>% select(-male),
  diag = list(continuous = wrap(diag_plots, bins = 8))
)
```

```
## Warning: Removed 6 rows containing non-finite values (stat_bin).
```

```
## Warning in ggally_statistic(data = data, mapping = mapping, na.rm = na.rm, :
## Removed 7 rows containing missing values
```

```
## Warning in ggally_statistic(data = data, mapping = mapping, na.rm = na.rm, :
## Removed 7 rows containing missing values

## Warning: Removed 7 rows containing missing values (geom_point).

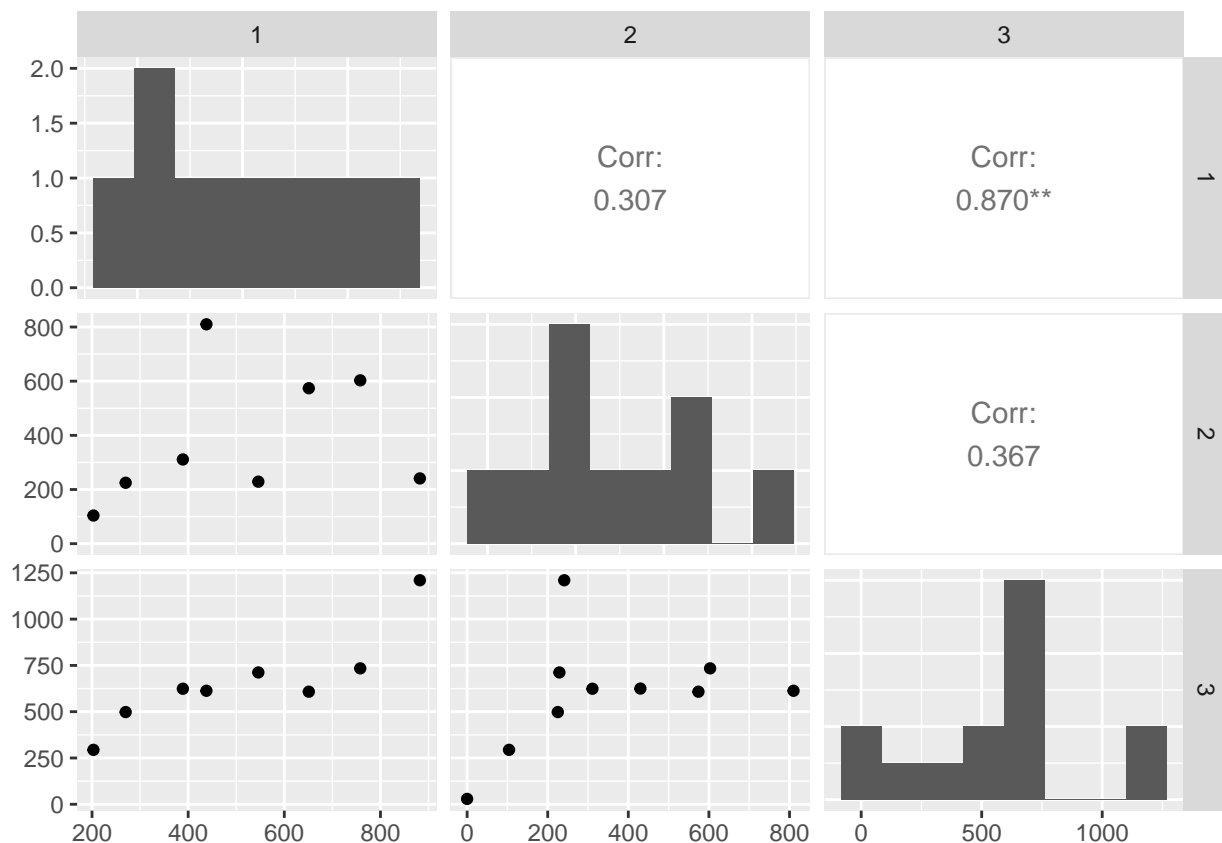
## Warning: Removed 5 rows containing non-finite values (stat_bin).

## Warning in ggally_statistic(data = data, mapping = mapping, na.rm = na.rm, :
## Removed 5 rows containing missing values

## Warning: Removed 7 rows containing missing values (geom_point).

## Warning: Removed 5 rows containing missing values (geom_point).

## Warning: Removed 1 rows containing non-finite values (stat_bin).
```



Result

- As before, we see strong consistency between round 1 and 3.
- Consistency with round 2 is weaker, but sample sizes are smaller: 3 trials/male in round 2 vs 6 trials/male in round 3.

Create & Plot Filtered Data


```

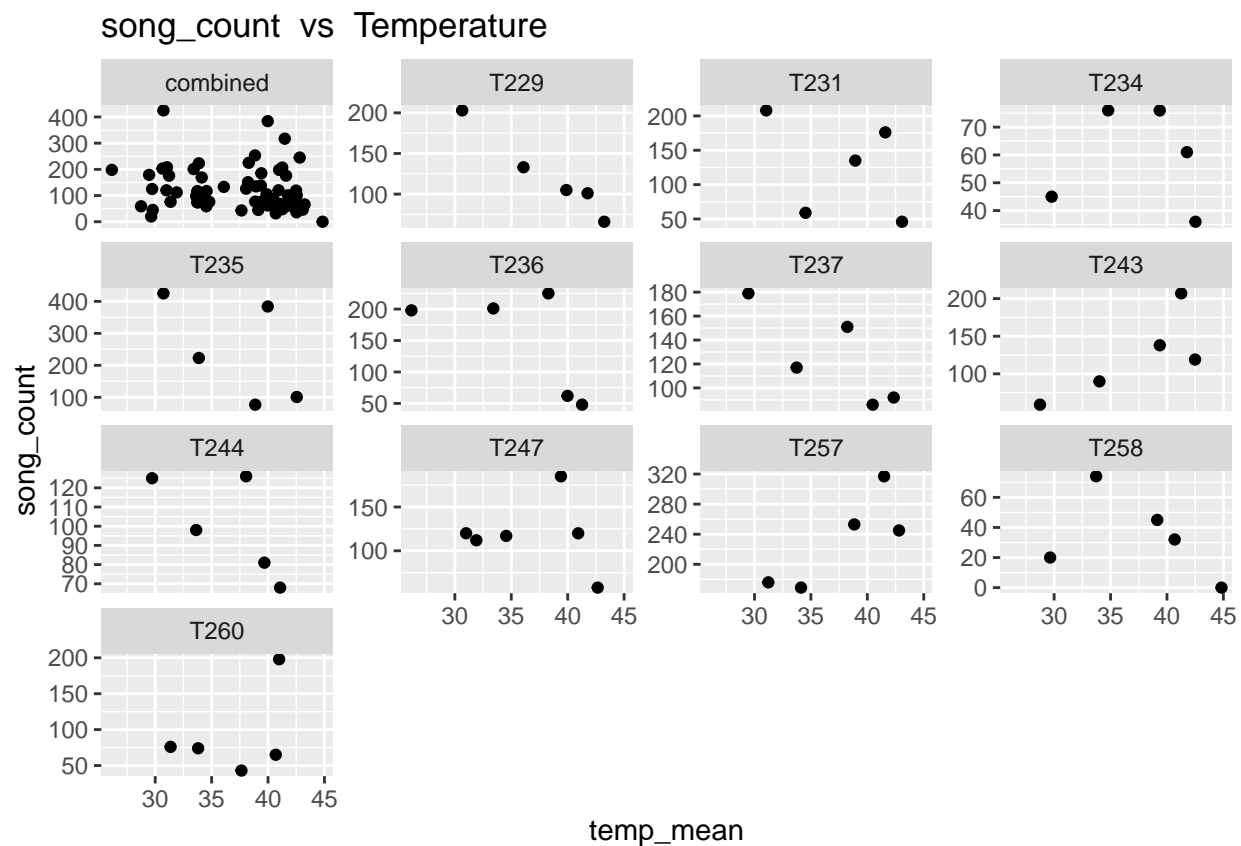
data_ind <- data_full %>%
  filter(round==3) %>%
  filter(count_total_round >=150)
## copy data frame and assign `male = "combined"
data_comb <- data_ind %>% mutate(male = "combined")

data <- bind_rows(data_ind, data_comb)

xlab <- "Temperature"
ylab <- "song_count"

plot_temp_data <-
  ggplot(data) +
    aes(x = temp_mean,
        y = song_count) +
    facet_wrap("male", scales = "free_y") +
    geom_point() +
    labs( title = paste( ylab, " vs ", xlab))
last_plot()

```



```

## Create again for humidity

xlab <- "humidity"

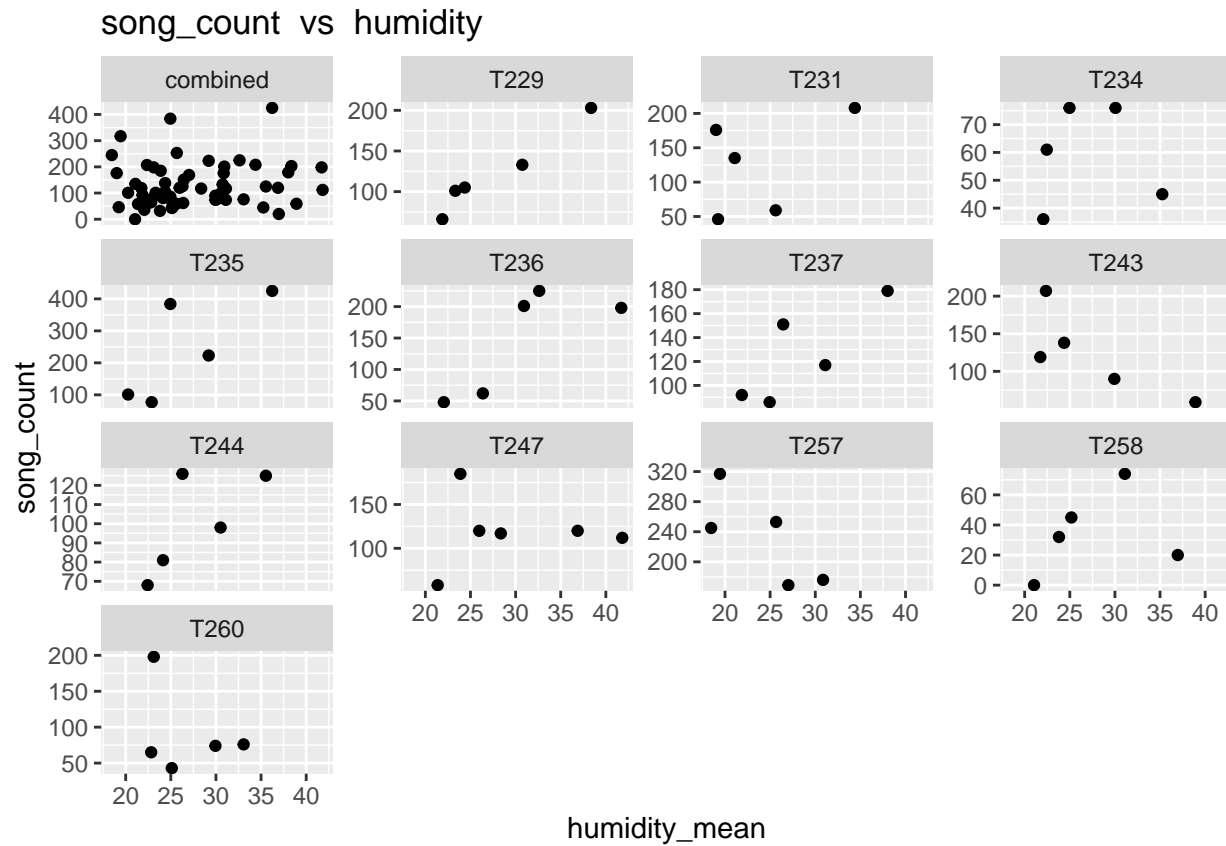
plot_humidity_data <-

```

```

ggplot(data) +
  aes(x = humidity_mean,
      y = song_count) +
  facet_wrap("male", scales = "free_y") +
  geom_point() +
  labs( title = paste( ylab, " vs ", xlab))
last_plot()

```



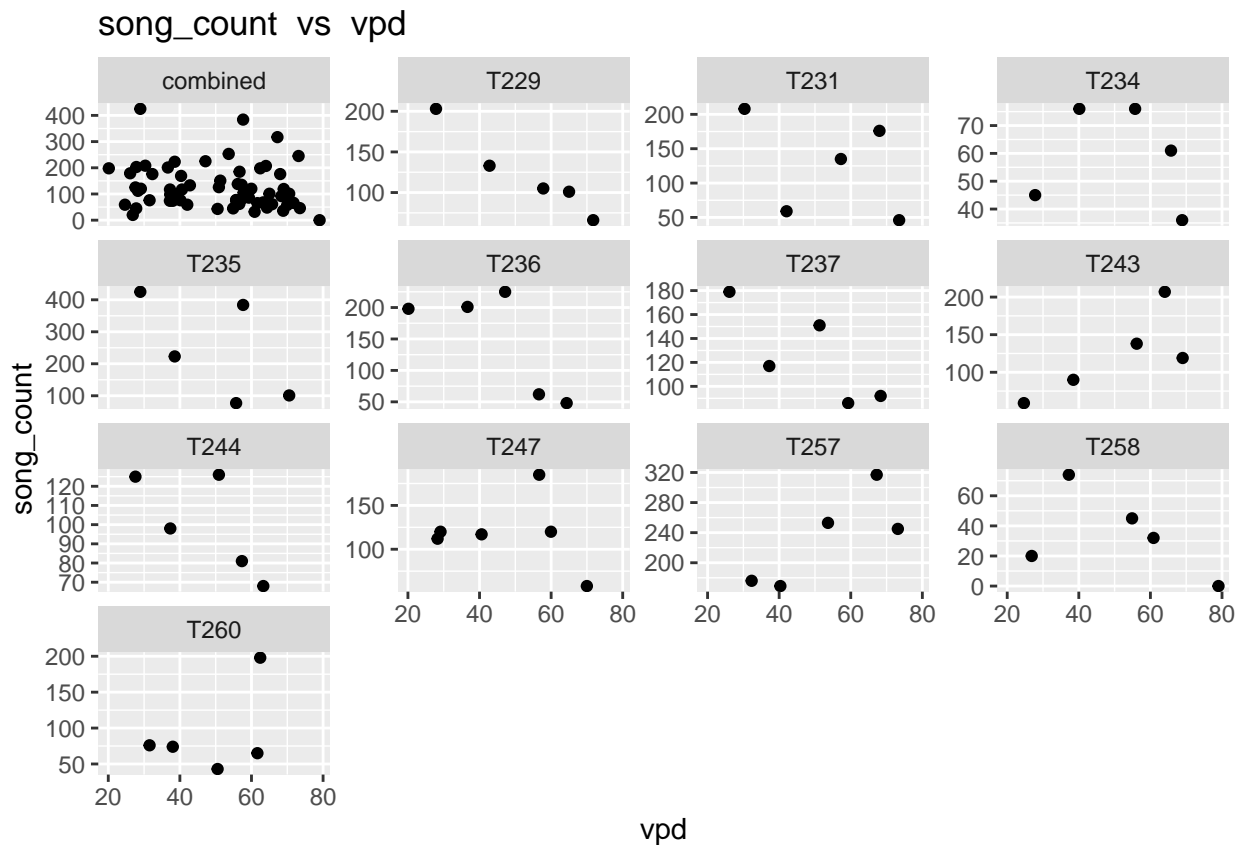
```

## Create for vpd

xlab <- "vpd"

plot_vpd_data <-
  ggplot(data) +
    aes(x = vpd,
        y = song_count) +
    facet_wrap("male", scales = "free_y") +
    geom_point() +
    labs( title = paste( ylab, " vs ", xlab))
last_plot()

```



Work with mean and song_prop

- This approach won't work because `temp_target` varies greatly from `temp_mean`.

```
plot_combine <- ggplot(data_ind) +
  aes(x = temp_mean, y = song_prop, color = male) +
  geom_point()

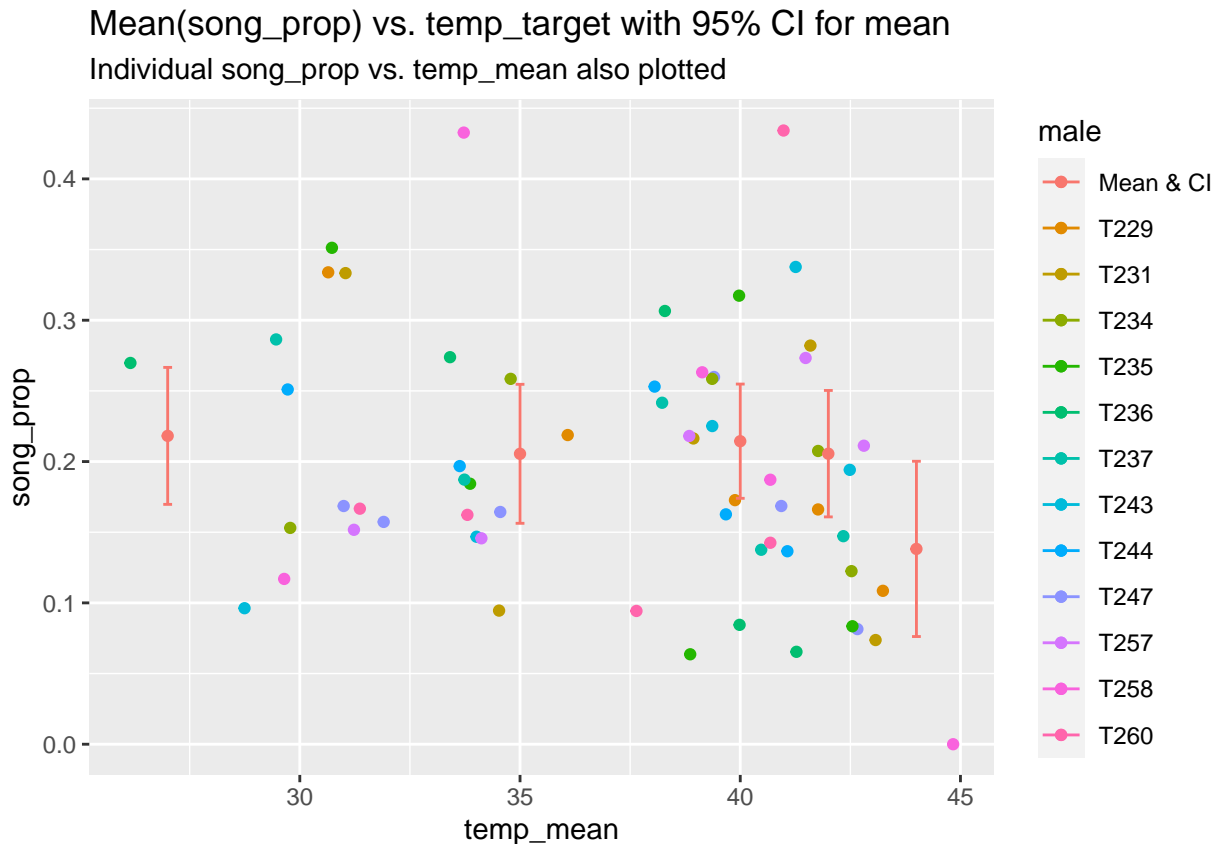
# last_plot()

data_summarize <-
  data_ind %>% group_by(temp_target) %>%
  summarize(song_mean = mean(song_prop),
            song_sd = sd(song_prop),
            song_n = dplyr::n(),
            song_se = song_sd/sqrt(song_n),
            song_ci = song_se*1.96
  )

plot_summarize <- ggplot(data_summarize) +
  aes(x = temp_target, y = song_mean) +
  geom_point()+
  geom_errorbar(aes(ymin=song_mean - song_ci, ymax=song_mean+song_ci), width=.2)

# last_plot()
```

```
plot_combine +
  geom_point(data = data_summarize, aes(x = temp_target, y = song_mean, colour = "Mean & CI"))+
  geom_errorbar(data = data_summarize, aes(x = temp_target,
    y = song_mean,
    ymin=song_mean - song_ci,
    ymax=song_mean+song_ci,
    colour= "Mean & CI"), width=.2) +
  labs(title = "Mean(song_prop) vs. temp_target with 95% CI for mean",
    subtitle = "Individual song_prop vs. temp_mean also plotted")
```



Result

- Data is noisy.
- Using `song_prop` reduces impact of male T225 on lower temps.
- Note `temp_target` is not necessarily accurate.

Humidity, Temp, and VPD

Previous Results from `second.fitting.pdf`

- Values clearly co-vary.
- Should consider using
 - Vapor Pressure Deficit
 - * Uses temp to calculate max humidity and then looks at difference with relative humidity.

- Heat Index
 - * Adjusted for birds if available
 - * Use just first terms ($c_1 + c_2 T + c_3 R + c_4 T R + \dots$)

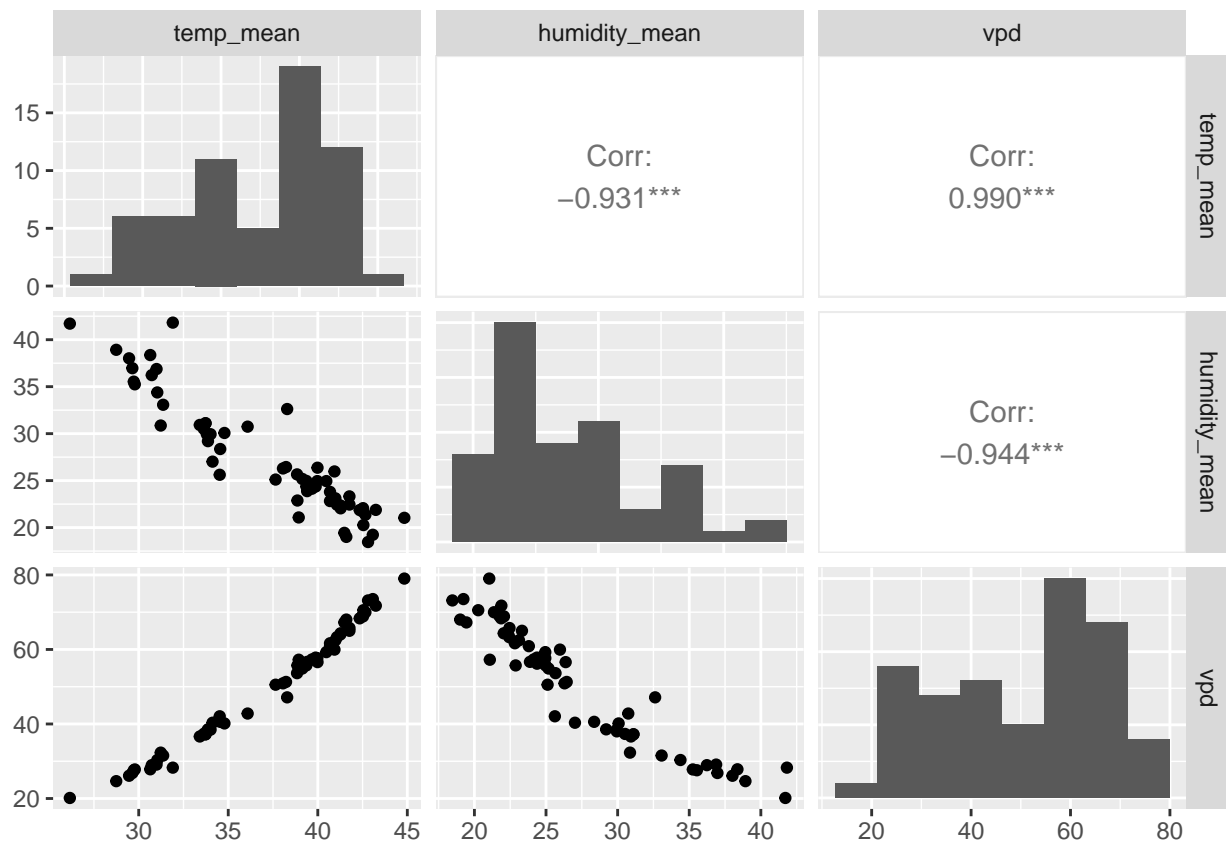
Using VPD as Predictor

- VPD = vapor pressure deficit = actual vapor pressure - saturated vapor pressure
 - $VPD = VP_{\text{act}} - VP_{\text{sat}} = p_{\text{act}} \times (1 - \text{relative humidity}/100)$
- humidity package provide saturated vapor pressure `SVP()`
 - Note doesn't work with temps in C despite `isK` argument.

Compare Temp, Humidity, and VPD as predictors

```
thv <- data_ind %>%
  select(male, temp_mean, humidity_mean, vpd) %>%
  unique()

# pairs plot
ggpairs(thv %>% select(-male),
        diag = list(continuous = wrap(diag_plots, bins = 8))
        )
```



Result

- VPD and temp are *highly* correlated

Model Fitting

Plots

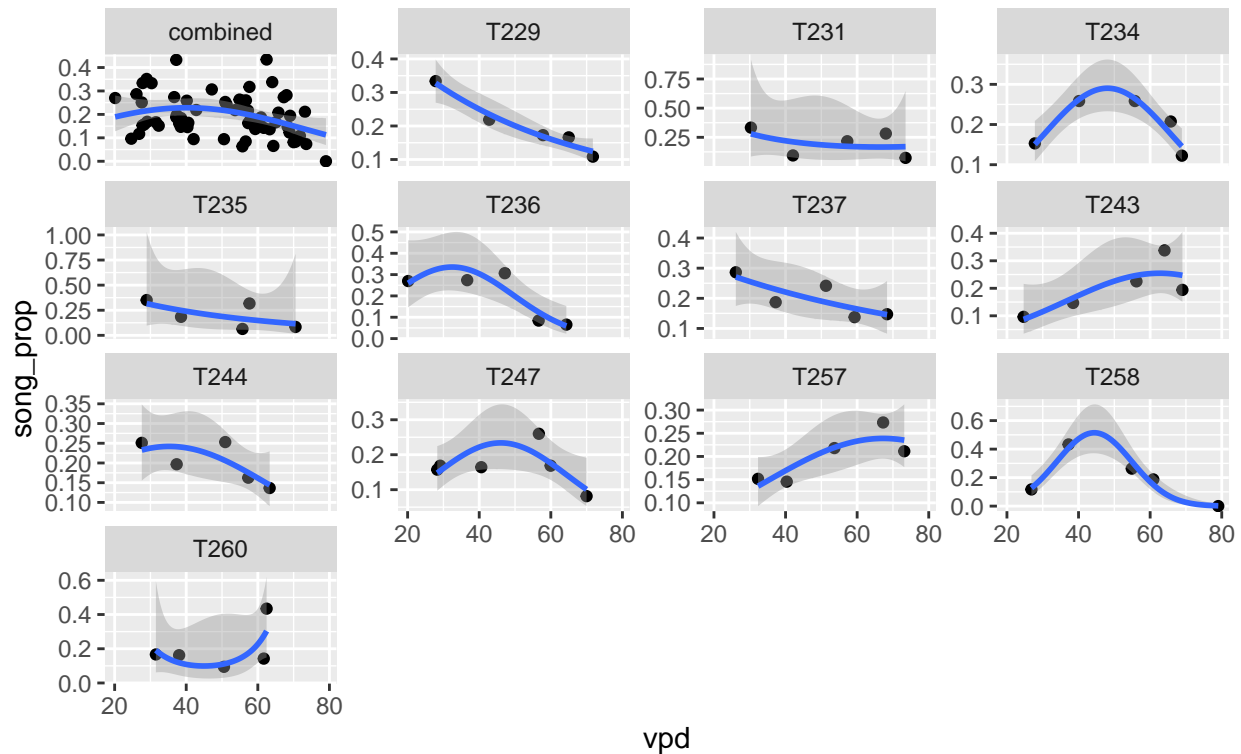
```
xlab = "vpd"

plot_tmp <- ggplot(data) +
  aes(x = vpd,
      y = song_prop) +
  # ylim(0, 0.6) +
  facet_wrap("male", scales = "free_y") +
  geom_point()

plot_glm_vpd <- plot_tmp +
  stat_smooth(method = "glm",
             method.args = list(
               family = quasipoisson(link = "log"),
               maxit = 100),
             se = TRUE,
             formula = y ~ 1 + x + I(x^2),
             size = 1
             ) +
  labs(title = paste(ylab, " vs ", xlab, ": unweighted"),
       subtitle = "glm:y ~quasipoisson(exp[1 + x + x^2])"
       )
last_plot()
```

song_count vs vpd : unweighted

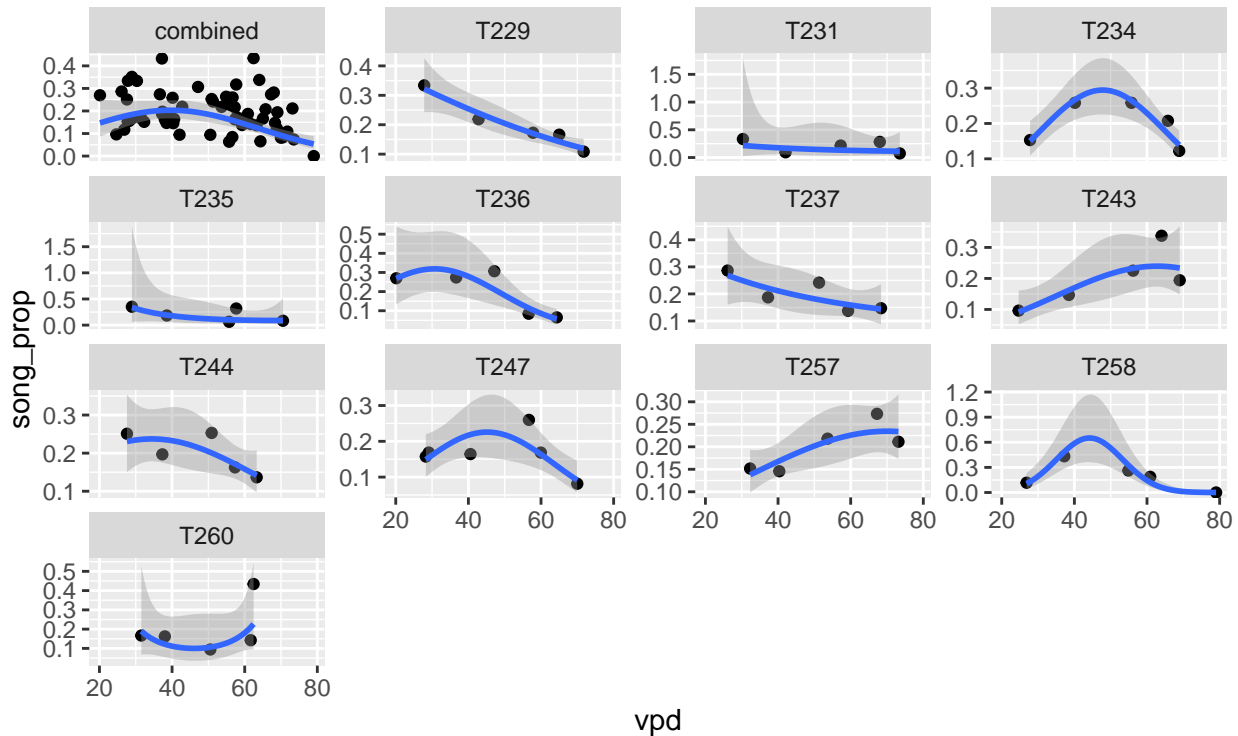
glm:y ~quasipoisson(exp[1 + x + x^2])



```
plot_glm_vpd_weighted <- plot_tmp +
  stat_smooth(method = "glm",
    method.args = list(
      family = quasipoisson(link = "log"),
      maxit = 100),
    aes(weight = prop_wt),
    se = TRUE,
    formula = y ~ 1 + x + I(x^2), size = 1,
  ) +
  labs( title = TeX(paste( ylab, " vs ", xlab, ": weight ~ (count_total_round)$^2$)/(song_count + 1)",
    subtitle = "glm:y ~quasipoisson(exp[1 + x + x^2])"
  )
last_plot()
```

song_count vs vpd : weight ~ (count_total_round)²/(song_count + 1)

glm:y ~quasipoisson(exp[1 + x + x²])



```
xlab <- "vpd- $\bar{\bar{\text{bar}}\{\text{vpd}\}}$ "
```

```
plot_glm_vpd_weighted_centered <- ggplot(data) +
```

```
  aes(x = vpd_offset,
```

```
      y = song_prop) +
```

```
  facet_wrap("male", scales = "free_y") +
```

```
  geom_point() +
```

```
  stat_smooth(method = "glm",
```

```
             method.args = list(
```

```
               family = quasipoisson(link = "log"),
```

```
               maxit = 100),
```

```
               aes(weight = prop_wt),
```

```
             se = TRUE,
```

```
             formula = y ~ 1 + x + I(x2), size = 1,
```

```
             ) +
```

```
  labs( title = TeX(paste( ylab, " vs ", xlab, ": weight ~ (count_total_round)2/(song_count + 1)"),
```

```
        xlab = TeX(xlab),
```

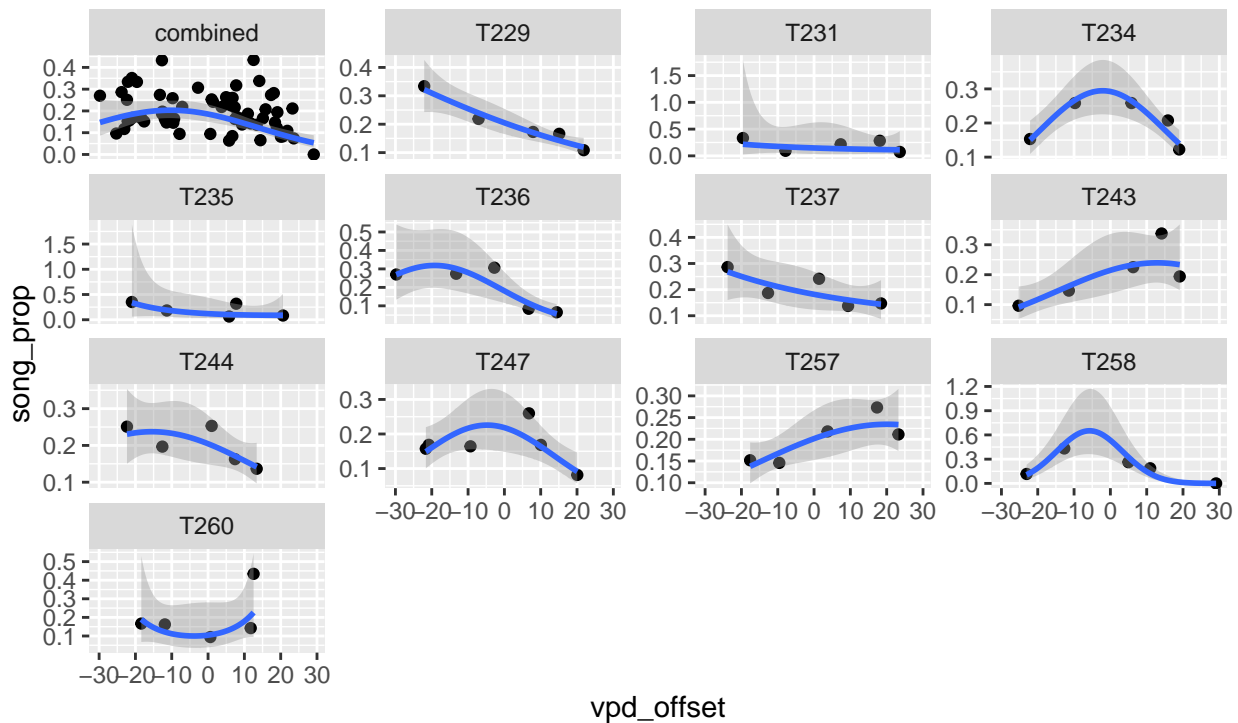
```
        subtitle = TeX("glm:y ~ quasipoisson( $\exp[1 + x + x^2]$ )")
```

```
  )
```

```
last_plot()
```


song_count vs $\overline{\text{vpd}} - \overline{\text{vpd}} : \text{weight} \sim (\text{count_total_round})^2 / (\text{song_count} + 1)$

glm: $y \sim \text{quasipoisson}(\exp[1 + x + x^2])$



Result

- We do see a concave down curve if we naively fit a quadratic function to the log transformed data.
- Adding $\text{weight} = (\text{count_total_round}^2) / (\text{song_count} + 1)$ greatly improves fit

Formal Model Fits to song_count

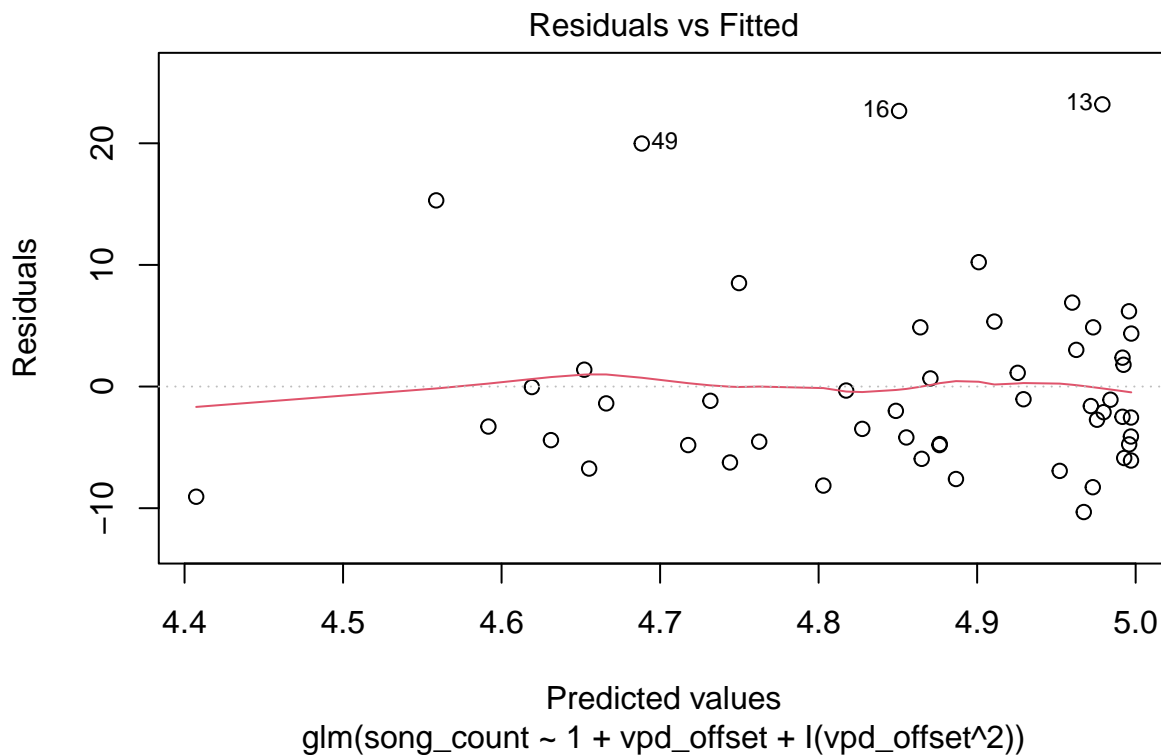
- Using midpoint of vpd

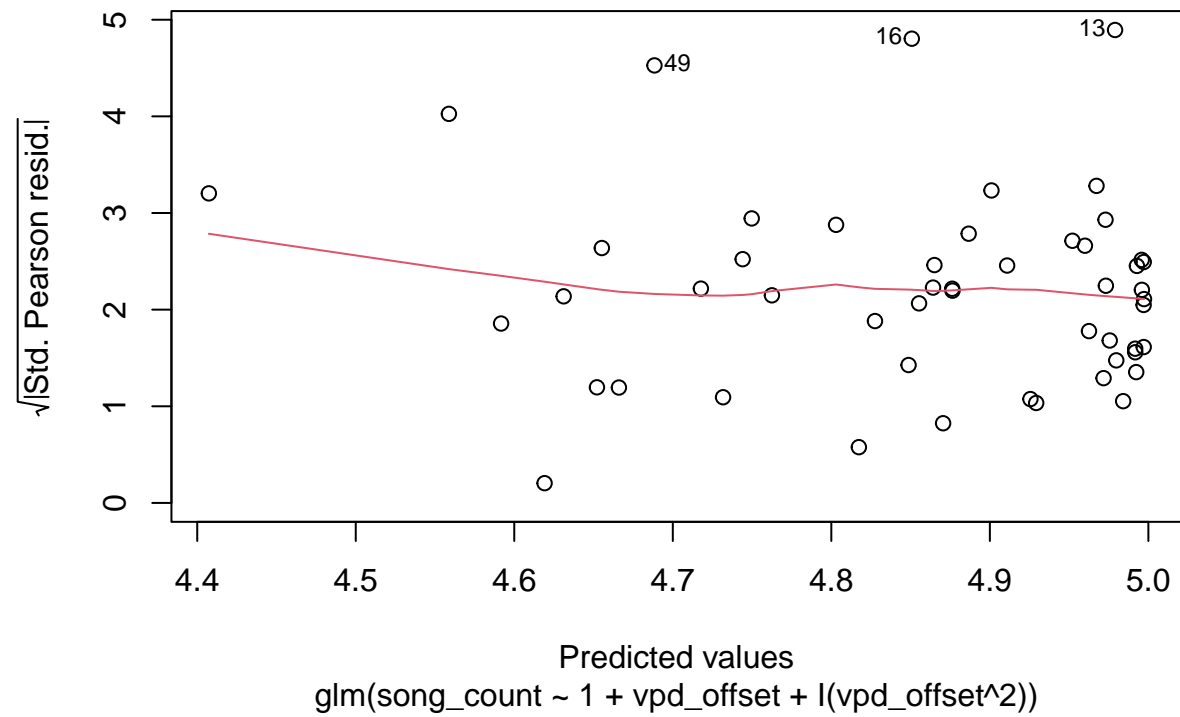
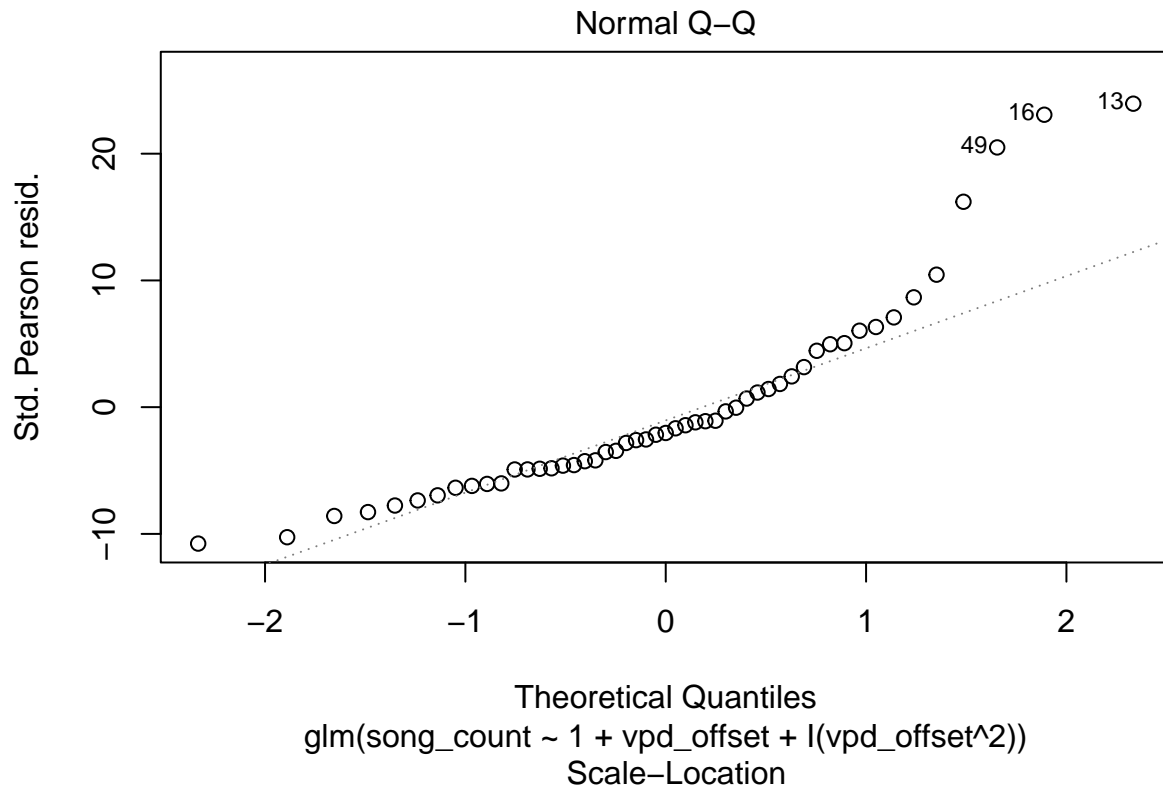
```
## Try filtering the data a bit more
## Goal is to get good starting values
count_glm_poisson <- glm(song_count ~
  1 + vpd_offset + I(vpd_offset^2),
  data = data_ind %>% filter( !(male %in% c("T231", "T260"))),
  family = poisson(link = "log")
)
summary(count_glm_poisson)
```

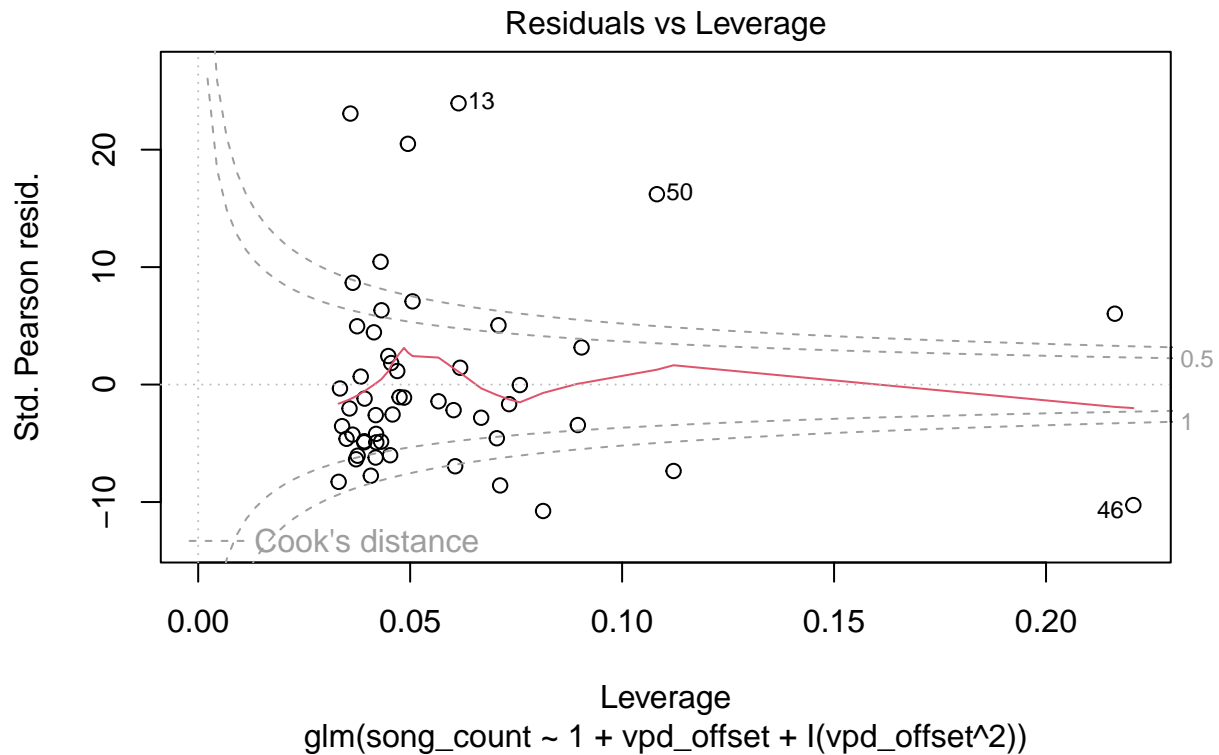
```
##
## Call:
## glm(formula = song_count ~ 1 + vpd_offset + I(vpd_offset^2),
##      family = poisson(link = "log"), data = data_ind %>% filter(
##        !(male %in% c("T231", "T260"))))
##
```

```
## Deviance Residuals:
##      Min       1Q   Median       3Q      Max
## -12.977   -5.180   -2.063    2.601   18.783
##
## Coefficients:
##              Estimate Std. Error z value Pr(>|z|)
## (Intercept)    4.938e+00  1.869e-02 264.270 < 2e-16 ***
## vpd_offset     -8.765e-03  8.343e-04 -10.506 < 2e-16 ***
## I(vpd_offset^2) -3.253e-04  5.943e-05  -5.474  4.4e-08 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for poisson family taken to be 1)
##
##      Null deviance: 2713.2  on 50  degrees of freedom
## Residual deviance: 2591.2  on 48  degrees of freedom
## AIC: 2923.8
##
## Number of Fisher Scoring iterations: 5
```

```
plot(count_glm_poisson)
```





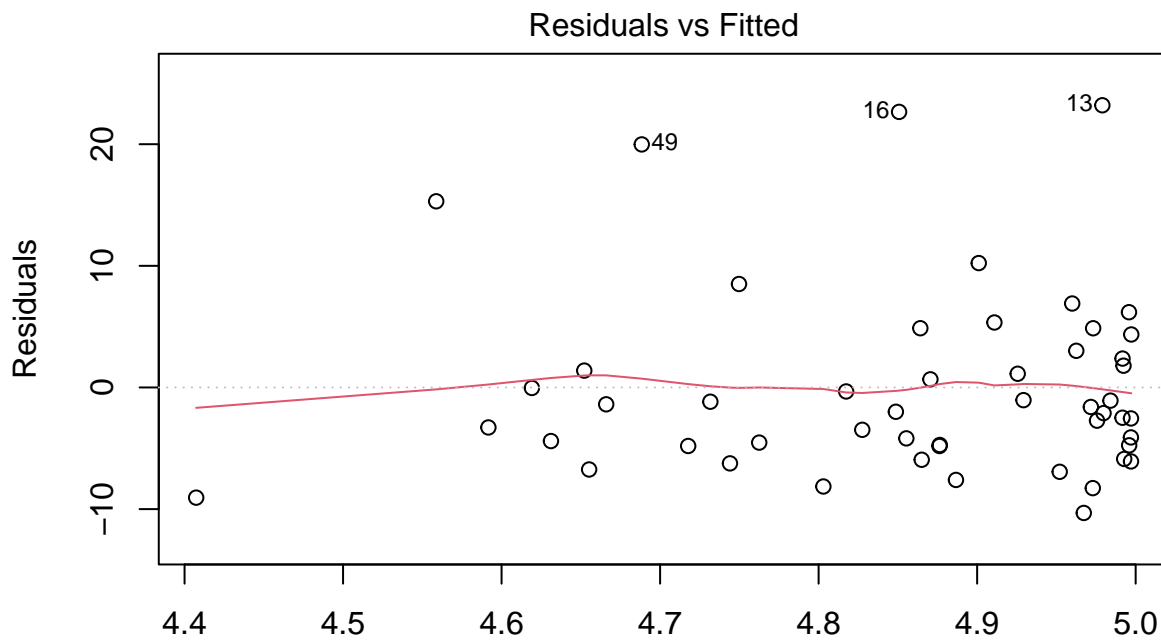


```
count_glm_qpoisson <- glm(song_count ~
  1 + vpd_offset + I(vpd_offset^2),
  data = data_ind %>% filter( !(male %in% c("T231", "T260"))),
  family = quasipoisson(link = "log")
)
summary(count_glm_qpoisson)
```

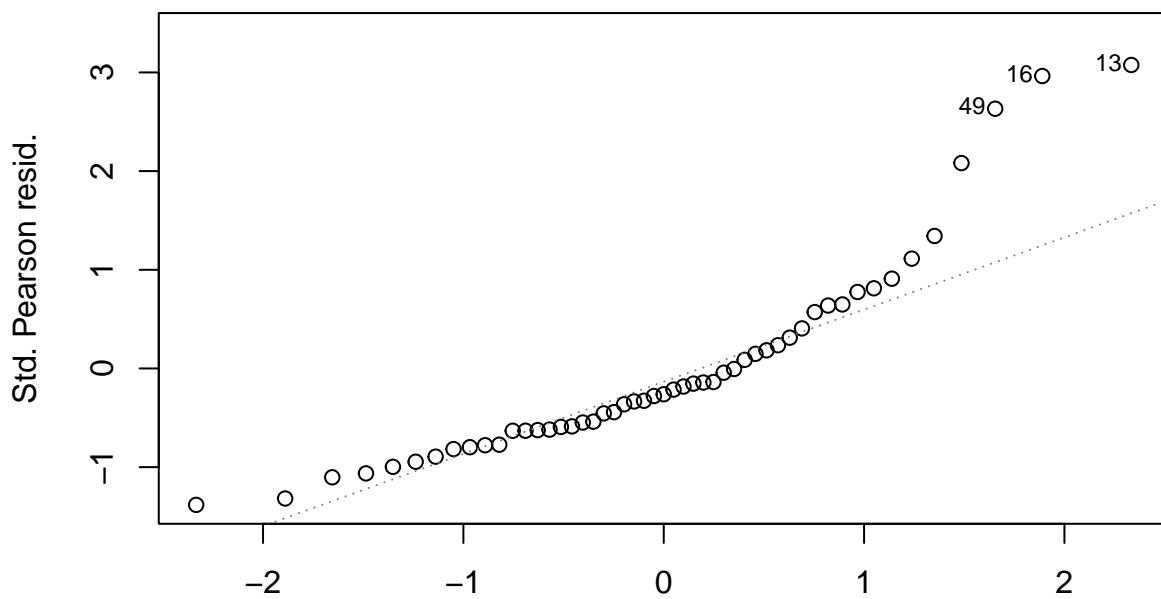
```
##
## Call:
## glm(formula = song_count ~ 1 + vpd_offset + I(vpd_offset^2),
##      family = quasipoisson(link = "log"), data = data_ind %>%
##      filter(!(male %in% c("T231", "T260"))))
##
## Deviance Residuals:
##      Min       1Q   Median       3Q      Max
## -12.977   -5.180   -2.063    2.601   18.783
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)    4.9382108  0.1454980  33.940  <2e-16 ***
## vpd_offset     -0.0087653  0.0064960  -1.349    0.184
## I(vpd_offset^2) -0.0003253  0.0004627  -0.703    0.485
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasipoisson family taken to be 60.6278)
##
##      Null deviance: 2713.2  on 50  degrees of freedom
## Residual deviance: 2591.2  on 48  degrees of freedom
```

```
## AIC: NA
##
## Number of Fisher Scoring iterations: 5
```

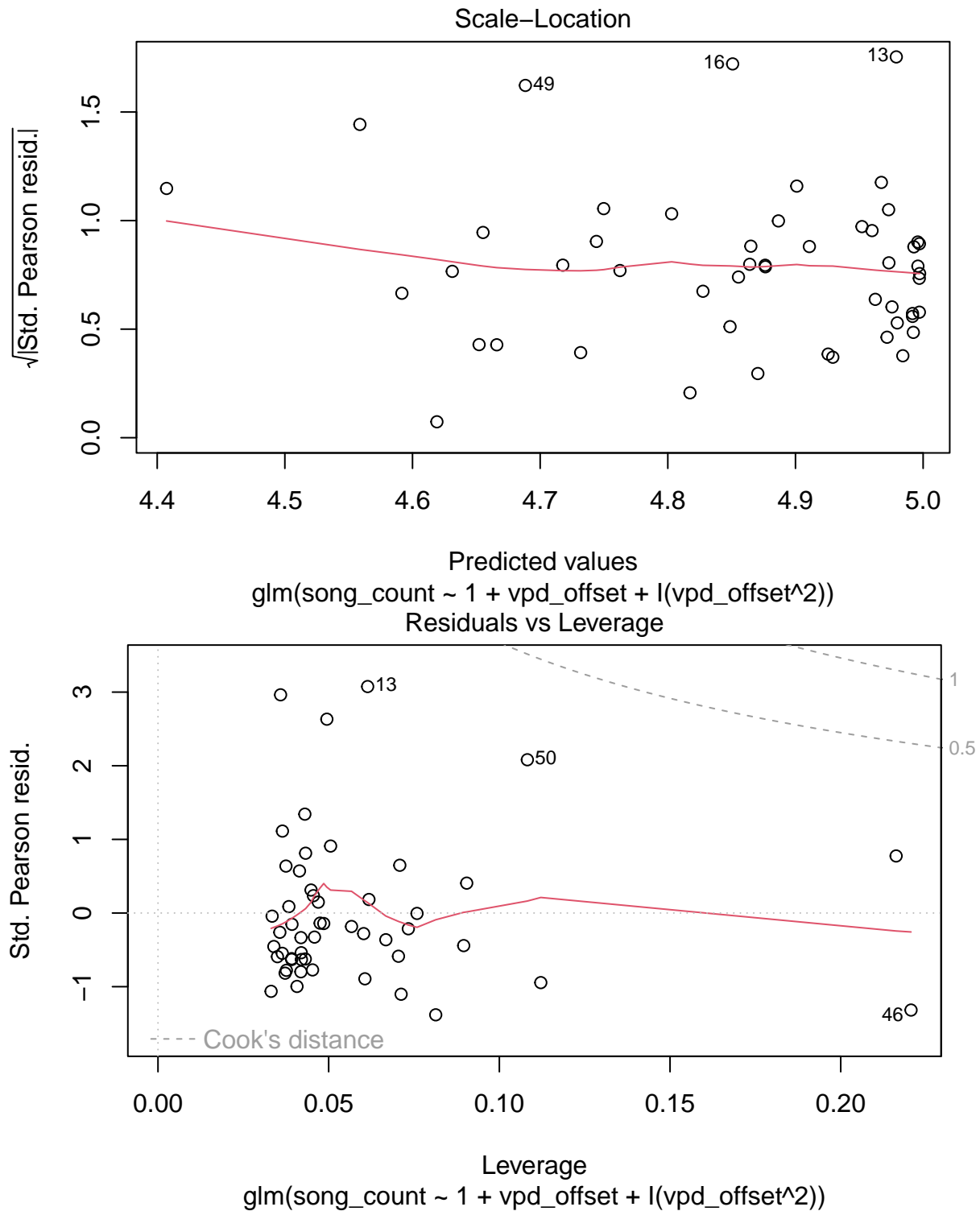
```
plot(count_glm_qpoisson)
```



glm(song_count ~ 1 + vpd_offset + I(vpd_offset^2))
Normal Q-Q



glm(song_count ~ 1 + vpd_offset + I(vpd_offset^2))



```
## Clearly the data is over dispersed
## quasipoisson() doesn't seem to exist for glmer (but likely exists in nlme)

## Try using negative binomial

count_glmer_nb <-
```

```

glmer.nb(song_count ~ vpd_offset + I(vpd_offset^2) + (vpd_offset|male),
  data = data_ind %>% filter( !(male %in% c("T231", "T260"))),
  ## control values are used by the initial optimization
  ## using a poisson glmer model, which doesn't converge
  control = glmerControl(
    optCtrl = list(maxiter = 1E5,
      maxfun = 2E6,
      verbose = TRUE,
      trace = TRUE),
    optimizer="bobyqa"),
  ## nb.control values are used by the second optimizer
  nb.control = list(
    trace = TRUE,
    maxit = 100,
    verbose = TRUE)
#
)

## Warning in (function (npt = min(n + 2L, 2L * n), rhobeg = NA, rhoend = NA, :
## unused control arguments ignored

## Warning in (function (npt = min(n + 2L, 2L * n), rhobeg = NA, rhoend = NA, :
## unused control arguments ignored

## Warning in checkConv(attr(opt, "derivs"), opt$par, ctrl = control$checkConv, :
## Model failed to converge with max|grad| = 0.0579335 (tol = 0.002, component 1)

## Warning in checkConv(attr(opt, "derivs"), opt$par, ctrl = control$checkConv, : Model is nearly unidentifiable:
## - Rescale variables?;Model is nearly unidentifiable: large eigenvalue ratio
## - Rescale variables?

## Warning in (function (npt = min(n + 2L, 2L * n), rhobeg = NA, rhoend = NA, :
## unused control arguments ignored

## Error in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev = compDev, : pwrssUpdate

## Try and fail to use `start` rgument
tmp <- glmer(song_count ~
  vpd_offset + I(vpd_offset^2) + (vpd_offset + I(vpd_offset^2)||male),
  data = data_ind,
  family = poisson(link = "log"),
  start = list(theta = 4.8, fixef = -0.3515557), #coef,
  control = glmerControl(optCtrl = list(maxiter = 1E4, maxfun = 2E6), optimizer="bobyqa"),
  verbose = TRUE)

## Error in getStart(start, rho$pp, "theta"): incorrect number of theta components (!=3)

```

Result

- Model doesn't converge.
- Output includes > Model is nearly unidentifiable: very large eigenvalue > - Rescale variables?;Model is nearly unidentifiable: large eigenvalue ratio > - Rescale variables? To me this suggests we should use `song_prop` and the `glmer weights` function.

Formal Model Fits to song_prop

Using GLM

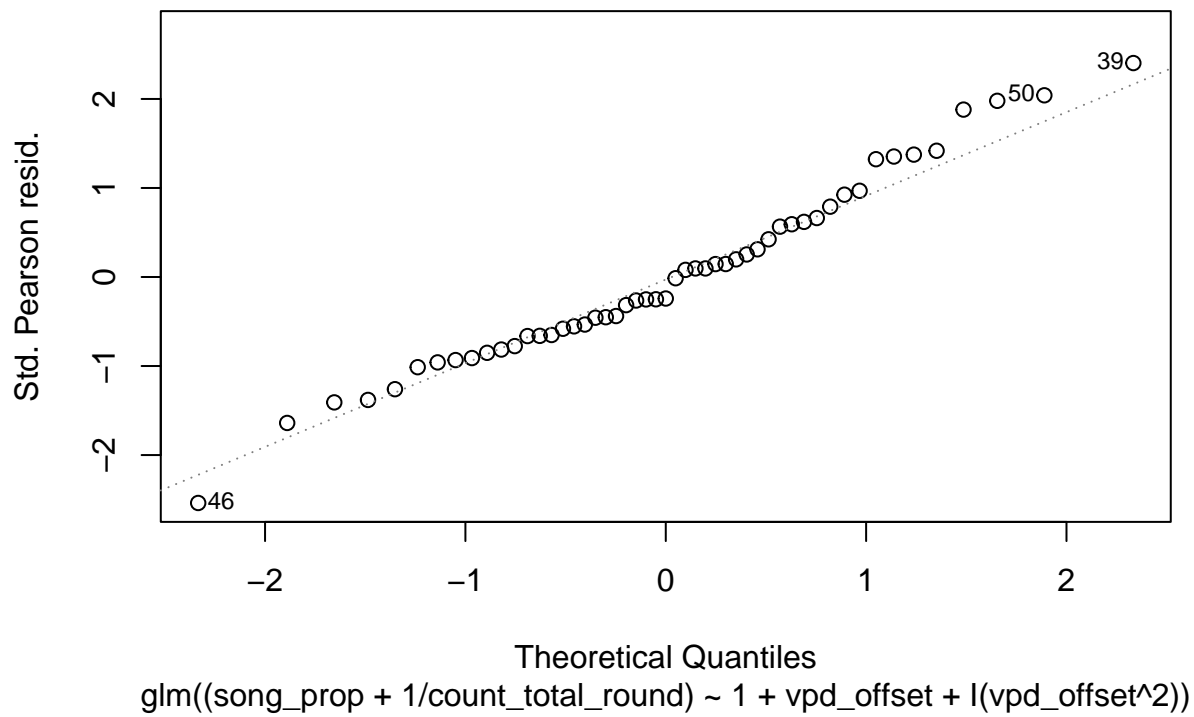
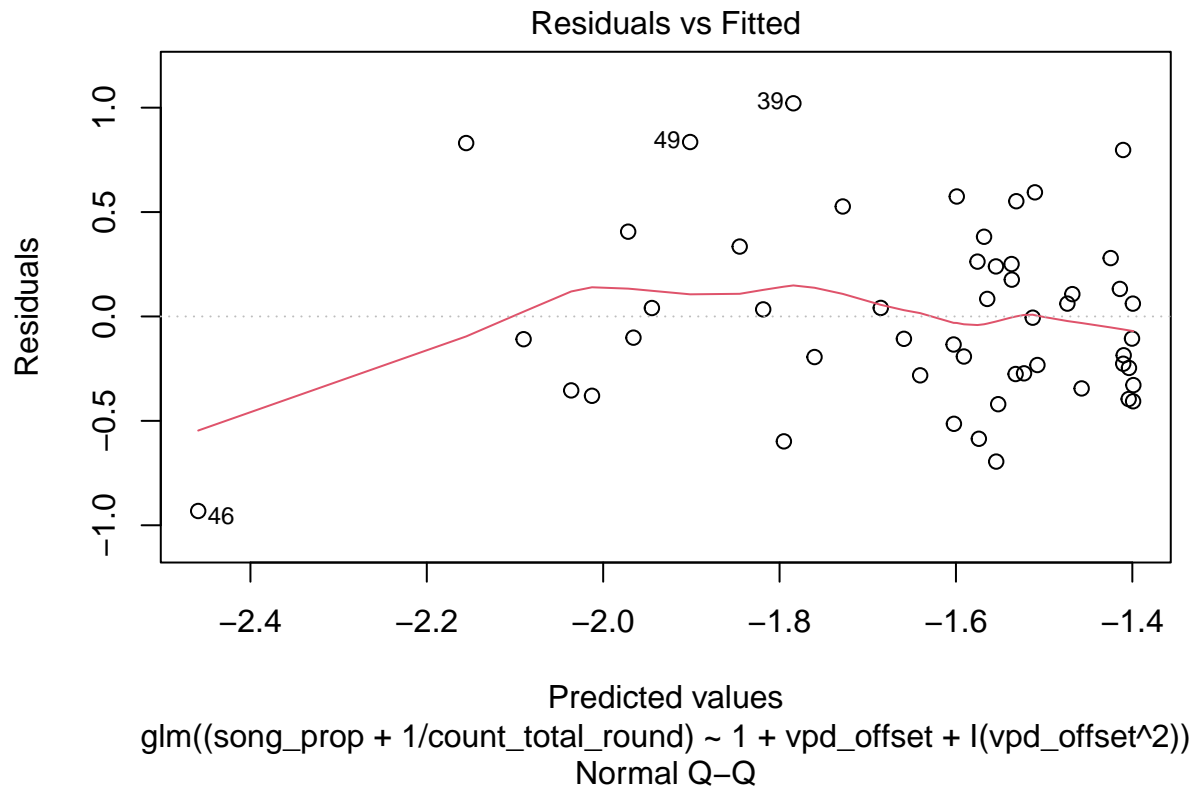
- Set family to “Gamma” or “Gaussian” and link = ‘log’

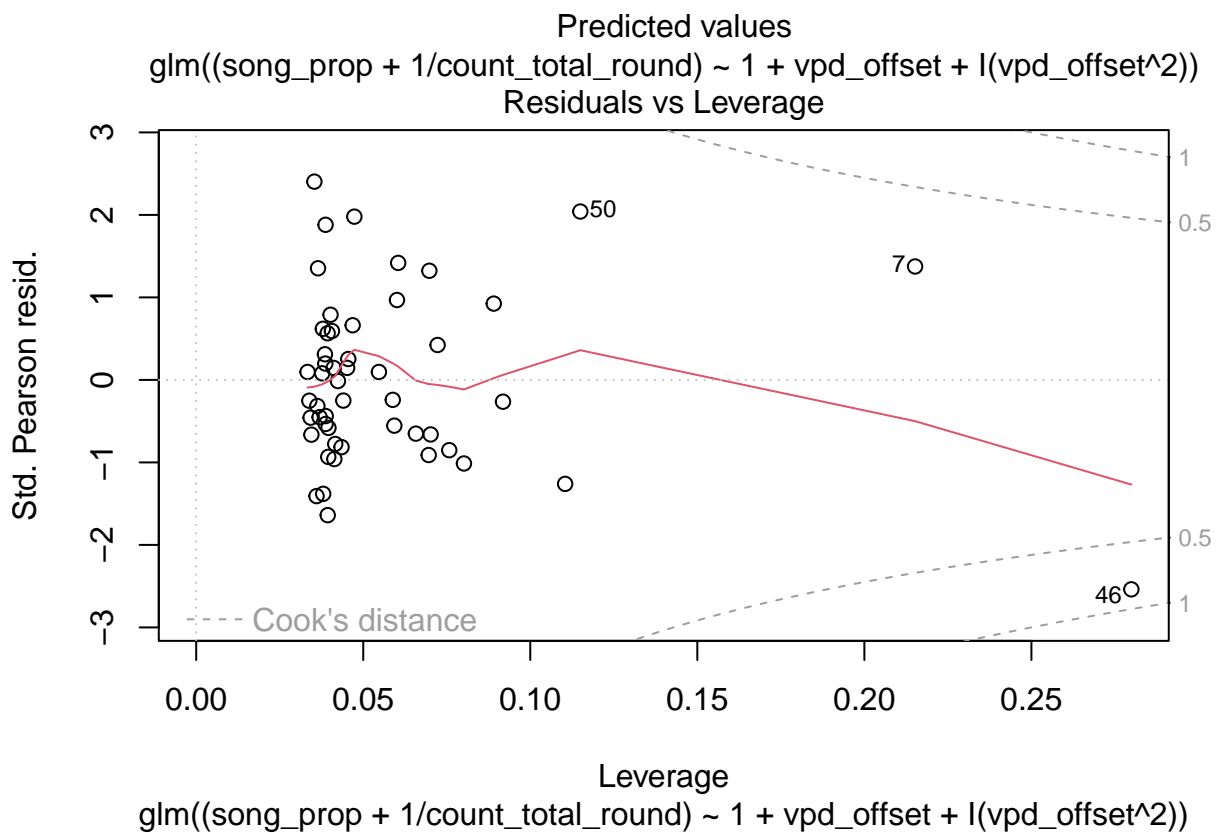
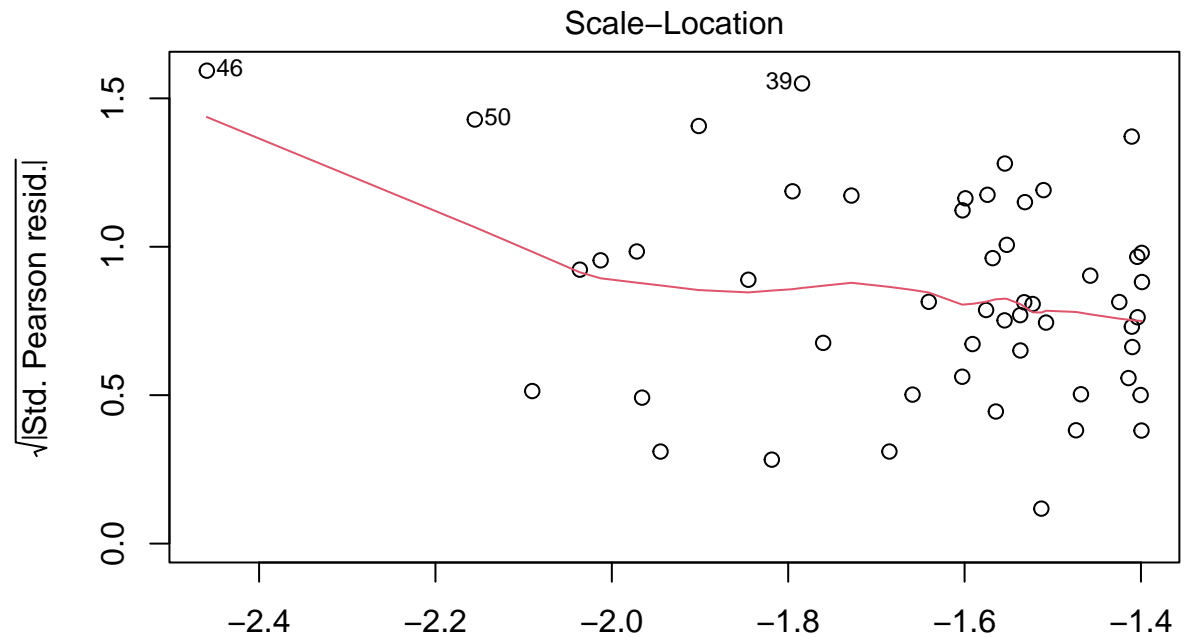
```
## Gamma has issue with 0 value, so add equivalent of 1 count to every observation (~ like a prior)
glm_gamma <- glm((song_prop + 1/count_total_round) ~
  1 + vpd_offset + I(vpd_offset^2),
  data = data_ind %>% filter( !(male %in% c("T231", "T260"))),,
  family = "Gamma"(link = 'log')
)
```

```
summary(glm_gamma)
```

```
##
## Call:
## glm(formula = (song_prop + 1/count_total_round) ~ 1 + vpd_offset +
##       I(vpd_offset^2), family = Gamma(link = "log"), data = data_ind %>%
##       filter(!(male %in% c("T231", "T260"))))
##
## Deviance Residuals:
##      Min       1Q   Median       3Q      Max
## -1.8713  -0.3100  -0.1051   0.2376   0.7967
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)   -1.4545609   0.0929918  -15.642  < 2e-16 ***
## vpd_offset     -0.0128992   0.0038993   -3.308  0.00179 **
## I(vpd_offset^2) -0.0007423   0.0002805   -2.647  0.01096 *
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for Gamma family taken to be 0.1870542)
##
##      Null deviance: 13.874  on 50  degrees of freedom
## Residual deviance: 11.682  on 48  degrees of freedom
## AIC: -99.484
##
## Number of Fisher Scoring iterations: 6
```

```
plot(glm_gamma)
```

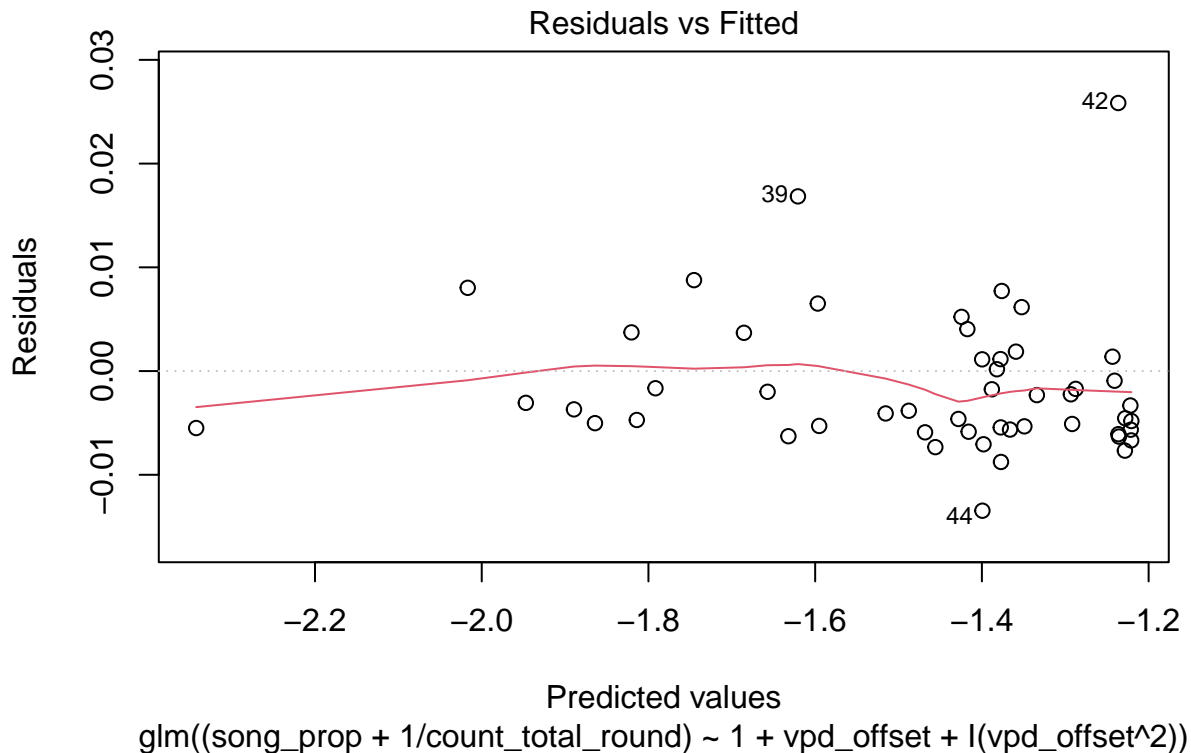


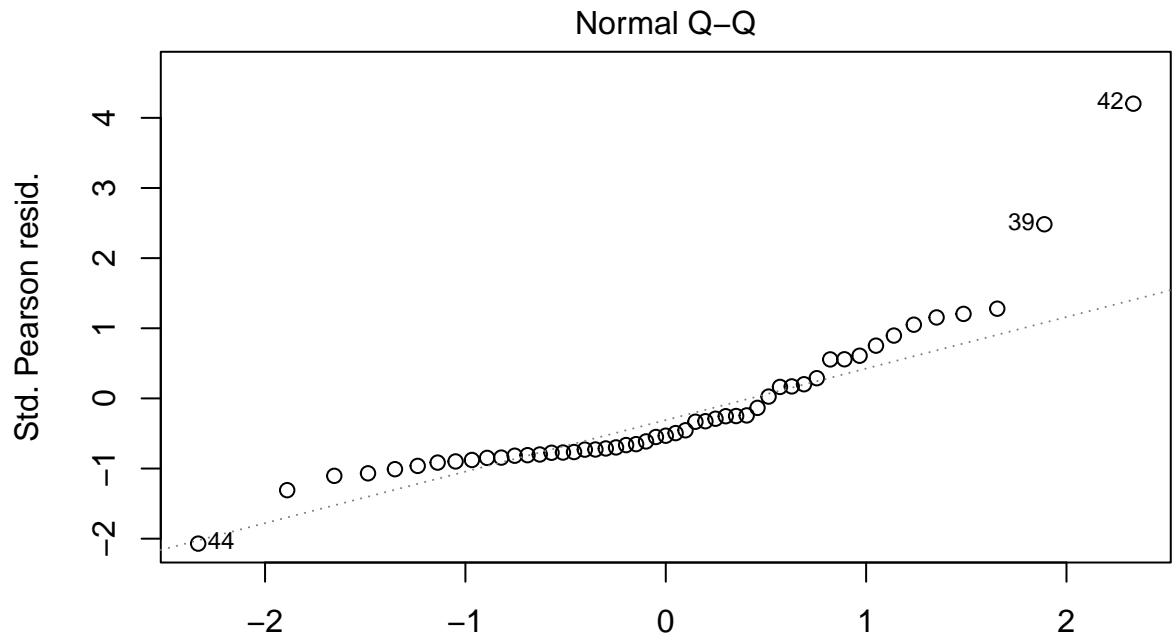
```
glm_gamma_weighted <- update(glm_gamma, weights = 1/prop_wt)
summary(glm_gamma_weighted)
```

```
##
## Call:
## glm(formula = (song_prop + 1/count_total_round) ~ 1 + vpd_offset +
```

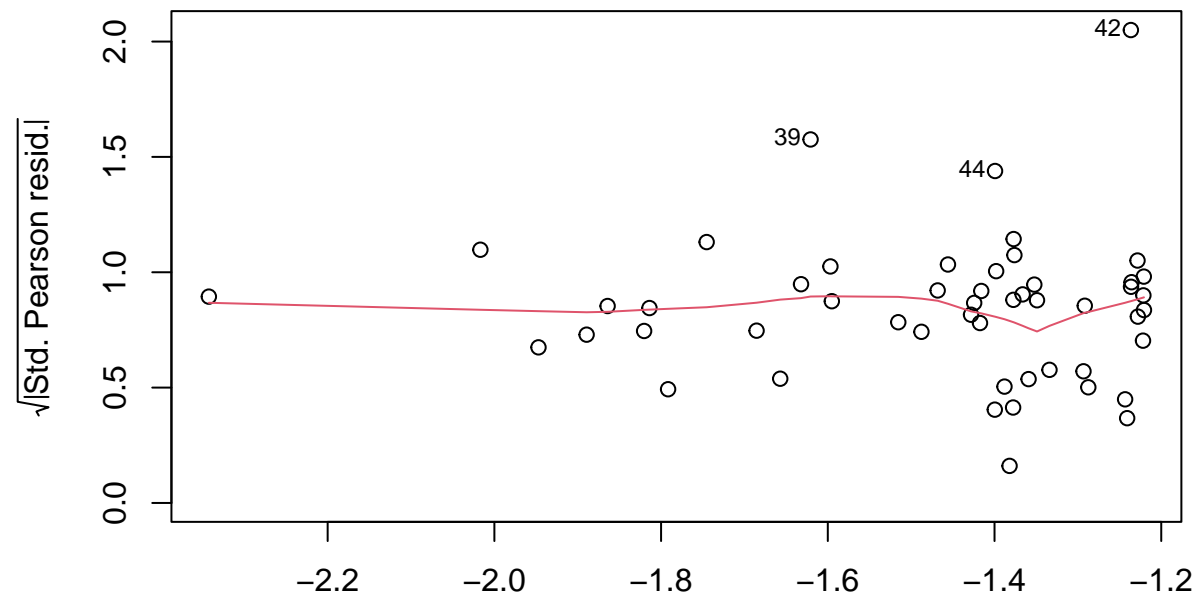
```
##      I(vpd_offset^2), family = Gamma(link = "log"), data = data_ind %>%
##      filter(!(male %in% c("T231", "T260"))), weights = 1/prop_wt)
##
## Deviance Residuals:
##      Min        1Q      Median        3Q        Max
## -0.016756  -0.006781  -0.004198   0.001246   0.022417
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)   -1.2736693   0.0734354  -17.344 < 2e-16 ***
## vpd_offset     -0.0131931   0.0037598   -3.509 0.000988 ***
## I(vpd_offset^2) -0.0008080   0.0002733   -2.956 0.004816 **
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for Gamma family taken to be 4.937678e-05)
##
## Null deviance: 0.0033205  on 50  degrees of freedom
## Residual deviance: 0.0026252  on 48  degrees of freedom
## AIC: 7.9547
##
## Number of Fisher Scoring iterations: 4
```

```
plot(glm_gamma_weighted)
```

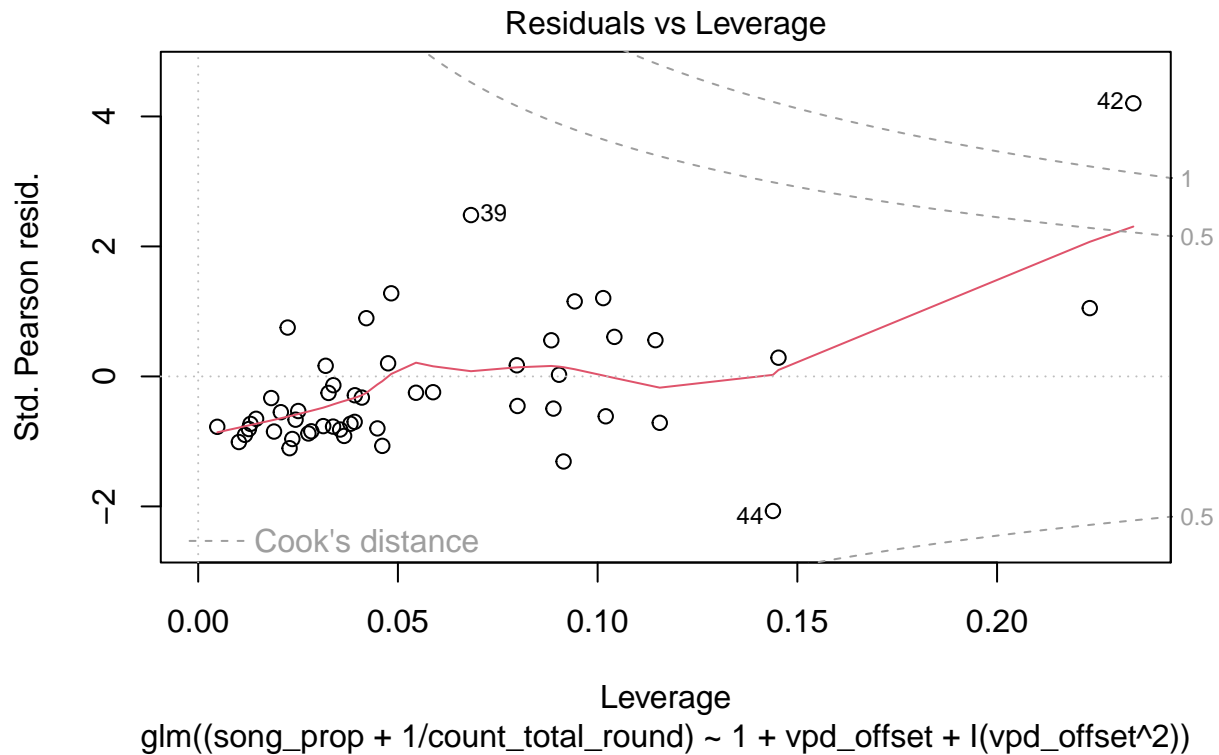




$\text{glm}((\text{song_prop} + 1/\text{count_total_round}) \sim 1 + \text{vpd_offset} + \text{l}(\text{vpd_offset}^2))$
 Scale-Location



$\text{glm}((\text{song_prop} + 1/\text{count_total_round}) \sim 1 + \text{vpd_offset} + \text{l}(\text{vpd_offset}^2))$



```
anova(glm_gamma, glm_gamma_weighted)
```

```
## Analysis of Deviance Table
##
```

```
## Model 1: (song_prop + 1/count_total_round) ~ 1 + vpd_offset + I(vpd_offset^2)
```

```
## Model 2: (song_prop + 1/count_total_round) ~ 1 + vpd_offset + I(vpd_offset^2)
```

```
##   Resid. Df Resid. Dev Df Deviance
```

```
## 1         48    11.6823
```

```
## 2         48     0.0026  0    11.68
```

```
## Even filtered data doesn't behave well
```

```
glmer_gamma_filtered <- glmer(
  (song_prop + 1/count_total_round) ~
    vpd_offset + I(vpd_offset^2) + (vpd_offset||male),
  data = data_ind %>% filter( !(male %in% c("T231", "T260"))),
  family = Gamma(link = "log"),
  control = glmerControl(optCtrl = list(maxiter = 1E4, maxfun = 2E6), optimizer="bobyqa"),
)
```

```
## Warning in (function (npt = min(n + 2L, 2L * n), rhobeg = NA, rhoend = NA, :
## unused control arguments ignored
```

```
## Warning in (function (npt = min(n + 2L, 2L * n), rhobeg = NA, rhoend = NA, :
## unused control arguments ignored
```

```
## boundary (singular) fit: see help('isSingular')
```

```
tmp <- glmer(song_prop ~
  vpd_offset + I(vpd_offset^2) + (vpd_offset + I(vpd_offset^2)||male),
  data = data_ind,
  family = poisson(link = "log"),
  weights = prop_wt,
  control = glmerControl(optCtrl = list(maxiter = 1E4, maxfun = 2E6), optimizer="bobyqa"),
  verbose = TRUE)
```

```
## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.259831
```

```
## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.168539
```

```
## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.164326
```

```
## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.081461
```

```
## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.157303
```

```
## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.168539
```

```
## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.269755
```

```
## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.084469
```

```
## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.065395
```

```
## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.273842
```

```
## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.306540
```

```
## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.094551
```

```
## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.073718
```

```
## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.216346
```

```

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.282051

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.333333

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.063636

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.351240

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.083471

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.184298

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.317355

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.172697

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.218750

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.108553

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.166118

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.333882

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.122449

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.258503

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.207483

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.153061

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.258503

```

```

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.136546

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.253012

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.196787

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.251004

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.162651

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.187200

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.137600

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.286400

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.147200

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.241600

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.225122

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.194127

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.337684

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.146819

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.096248

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.432749

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.263158

```



```

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.116959

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.187135

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.151724

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.145690

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.273276

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.211207

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.218103

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.094298

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.162281

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.142544

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.166667

## Warning in (function (fr, X, reTrms, family, nAGQ = 1L, verbose = 0L, maxit =
## 100L, : non-integer x = 0.434211

## Warning in (function (npt = min(n + 2L, 2L * n), rhobeg = NA, rhoend = NA, :
## unused control arguments ignored

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.081461

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.317355

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.137600

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218103

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.434211

## start par. = 1 1 1 fn = Inf

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.306540

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.146819

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.083471

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162651

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273276

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273842

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.122449

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.337684

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.259831

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.351240

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.251004

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.145690

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.065395

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333882

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.194127

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.434211

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.063636

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.196787

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.151724

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.084469

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166118

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.225122

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166667

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333333

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.253012

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187135

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.269755

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.108553

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.241600

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.142544

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.282051

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.136546

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.116959

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.218750

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.147200

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162281

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.216346

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.263158

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.157303

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.172697

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.286400

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094298

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.073718

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.153061

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.432749

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.081461

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.317355

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.137600

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218103

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094551

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.207483

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.096248

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.164326

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.184298

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187200

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.211207

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.306540

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(0L), compDev =
## compDev, : non-integer x = 0.258503

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.146819

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.083471

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162651

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273276

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.434211

## At return
## eval: 19 fn: 1.7976931e+308 par: 1.00000 1.00000 1.00000

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.065395

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333882

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.194127

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.434211

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.063636

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.196787

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.151724

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GHrule(OL), compDev =
## compDev, : non-integer x = 0.434211

## Warning in (function (npt = min(n + 2L, 2L * n), rhobeg = NA, rhoend = NA, :
## unused control arguments ignored

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## start par. = 1 1 1 -1.616182 -0.01641833 -0.0006917122 fn = Inf

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## At return
## eval: 15 fn: 1.7976931e+308 par: 1.00000 1.00000 1.00000 -1.61618 -0.0164183 -0.000691712

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

```



```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.259831

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.164326

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.081461

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.157303

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.168539

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.269755

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.084469

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.065395

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273842

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.306540

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094551

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.073718

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.216346

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.282051

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333333

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.063636

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.351240

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.083471

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.184298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.317355

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.172697

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218750

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.108553

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166118

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.333882

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.122449

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.207483

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.153061

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.258503

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.136546

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.253012

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.196787

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.251004

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162651

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.137600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.286400

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.147200

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.241600

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.225122

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.194127

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.337684

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.146819

```

```

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.096248

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.432749

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.263158

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.116959

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.187135

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.151724

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.145690

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.273276

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.211207

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.218103

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.094298

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.162281

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.142544

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.166667

## Warning in pwrssUpdate(pp, resp, tol = tolPwrss, GQmat = GQmat, compDev =
## compDev, : non-integer x = 0.434211

```

```
summary(tmp)
```

```

## Warning in vcov.merMod(object, use.hessian = use.hessian): variance-covariance matrix computed from
## not positive definite or contains NA values: falling back to var-cov estimated from RX

```



```

## Warning in vcov.merMod(object, correlation = correlation, sigm = sig): variance-covariance matrix co
## not positive definite or contains NA values: falling back to var-cov estimated from RX

## Generalized linear mixed model fit by maximum likelihood (Laplace
## Approximation) [glmerMod]
## Family: poisson ( log )
## Formula:
## song_prop ~ vpd_offset + I(vpd_offset^2) + (vpd_offset + I(vpd_offset^2) ||
## male)
## Data: data_ind
## Weights: prop_wt
## Control: glmerControl(optCtrl = list(maxiter = 10000, maxfun = 2e+06),
## optimizer = "bobyqa")
##
##          AIC          BIC    logLik deviance df.resid
##          Inf          Inf      -Inf      Inf        55
##
## Scaled residuals:
##      Min       1Q   Median       3Q      Max
## -16.751  -2.730   0.100   3.303  42.845
##
## Random effects:
##   Groups Name              Variance Std.Dev.
##   male   (Intercept)         1         1
##   male.1 vpd_offset          1         1
##   male.2 I(vpd_offset^2)     1         1
## Number of obs: 61, groups:  male, 12
##
## Fixed effects:
##              Estimate Std. Error z value Pr(>|z|)
## (Intercept)  -1.6161824  0.2888444  -5.595  2.2e-08 ***
## vpd_offset    -0.0164183  0.2886756  -0.057   0.955
## I(vpd_offset^2) -0.0006917  0.2886751  -0.002   0.998
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Correlation of Fixed Effects:
##              (Intr) vpd_ff
## vpd_offset  0.000
## I(vpd_ff^2) 0.000  0.000
## optimizer (bobyqa) convergence code: 0 (OK)
## Gradient contains NAs
## unused control arguments ignored
## non-integer x = 0.259831
## non-integer x = 0.168539
## non-integer x = 0.164326
## non-integer x = 0.081461
## non-integer x = 0.157303
## non-integer x = 0.168539
## non-integer x = 0.269755
## non-integer x = 0.084469
## non-integer x = 0.065395
## non-integer x = 0.273842
## non-integer x = 0.306540

```

```
## non-integer x = 0.094551
## non-integer x = 0.073718
## non-integer x = 0.216346
## non-integer x = 0.282051
## non-integer x = 0.333333
## non-integer x = 0.063636
## non-integer x = 0.351240
## non-integer x = 0.083471
## non-integer x = 0.184298
## non-integer x = 0.317355
## non-integer x = 0.172697
## non-integer x = 0.218750
## non-integer x = 0.108553
## non-integer x = 0.166118
## non-integer x = 0.333882
## non-integer x = 0.122449
## non-integer x = 0.258503
## non-integer x = 0.207483
## non-integer x = 0.153061
## non-integer x = 0.258503
## non-integer x = 0.136546
## non-integer x = 0.253012
## non-integer x = 0.196787
## non-integer x = 0.251004
## non-integer x = 0.162651
## non-integer x = 0.187200
## non-integer x = 0.137600
## non-integer x = 0.286400
## non-integer x = 0.147200
## non-integer x = 0.241600
## non-integer x = 0.225122
## non-integer x = 0.194127
## non-integer x = 0.337684
## non-integer x = 0.146819
## non-integer x = 0.096248
## non-integer x = 0.432749
## non-integer x = 0.263158
## non-integer x = 0.116959
## non-integer x = 0.187135
## non-integer x = 0.151724
## non-integer x = 0.145690
## non-integer x = 0.273276
## non-integer x = 0.211207
## non-integer x = 0.218103
## non-integer x = 0.094298
## non-integer x = 0.162281
## non-integer x = 0.142544
## non-integer x = 0.166667
## non-integer x = 0.434211
## non-integer x = 0.259831
## non-integer x = 0.168539
## non-integer x = 0.164326
## non-integer x = 0.081461
## non-integer x = 0.157303
```

```
## non-integer x = 0.168539
## non-integer x = 0.269755
## non-integer x = 0.084469
## non-integer x = 0.065395
## non-integer x = 0.273842
## non-integer x = 0.306540
## non-integer x = 0.094551
## non-integer x = 0.073718
## non-integer x = 0.216346
## non-integer x = 0.282051
## non-integer x = 0.333333
## non-integer x = 0.063636
## non-integer x = 0.351240
## non-integer x = 0.083471
## non-integer x = 0.184298
## non-integer x = 0.317355
## non-integer x = 0.172697
## non-integer x = 0.218750
## non-integer x = 0.108553
## non-integer x = 0.166118
## non-integer x = 0.333882
## non-integer x = 0.122449
## non-integer x = 0.258503
## non-integer x = 0.207483
## non-integer x = 0.153061
## non-integer x = 0.258503
## non-integer x = 0.136546
## non-integer x = 0.253012
## non-integer x = 0.196787
## non-integer x = 0.251004
## non-integer x = 0.162651
## non-integer x = 0.187200
## non-integer x = 0.137600
## non-integer x = 0.286400
## non-integer x = 0.147200
## non-integer x = 0.241600
## non-integer x = 0.225122
## non-integer x = 0.194127
## non-integer x = 0.337684
## non-integer x = 0.146819
## non-integer x = 0.096248
## non-integer x = 0.432749
## non-integer x = 0.263158
## non-integer x = 0.116959
## non-integer x = 0.187135
## non-integer x = 0.151724
## non-integer x = 0.145690
## non-integer x = 0.273276
## non-integer x = 0.211207
## non-integer x = 0.218103
## non-integer x = 0.094298
## non-integer x = 0.162281
## non-integer x = 0.142544
## non-integer x = 0.166667
```

```
## non-integer x = 0.434211
## non-integer x = 0.259831
## non-integer x = 0.168539
## non-integer x = 0.164326
## non-integer x = 0.081461
## non-integer x = 0.157303
## non-integer x = 0.168539
## non-integer x = 0.269755
## non-integer x = 0.084469
## non-integer x = 0.065395
## non-integer x = 0.273842
## non-integer x = 0.306540
## non-integer x = 0.094551
## non-integer x = 0.073718
## non-integer x = 0.216346
## non-integer x = 0.282051
## non-integer x = 0.333333
## non-integer x = 0.063636
## non-integer x = 0.351240
## non-integer x = 0.083471
## non-integer x = 0.184298
## non-integer x = 0.317355
## non-integer x = 0.172697
## non-integer x = 0.218750
## non-integer x = 0.108553
## non-integer x = 0.166118
## non-integer x = 0.333882
## non-integer x = 0.122449
## non-integer x = 0.258503
## non-integer x = 0.207483
## non-integer x = 0.153061
## non-integer x = 0.258503
## non-integer x = 0.136546
## non-integer x = 0.253012
## non-integer x = 0.196787
## non-integer x = 0.251004
## non-integer x = 0.162651
## non-integer x = 0.187200
## non-integer x = 0.137600
## non-integer x = 0.286400
## non-integer x = 0.147200
## non-integer x = 0.241600
## non-integer x = 0.225122
## non-integer x = 0.194127
## non-integer x = 0.337684
## non-integer x = 0.146819
## non-integer x = 0.096248
## non-integer x = 0.432749
## non-integer x = 0.263158
## non-integer x = 0.116959
## non-integer x = 0.187135
## non-integer x = 0.151724
## non-integer x = 0.145690
## non-integer x = 0.273276
```

```
## non-integer x = 0.211207
## non-integer x = 0.218103
## non-integer x = 0.094298
## non-integer x = 0.162281
## non-integer x = 0.142544
## non-integer x = 0.166667
## non-integer x = 0.434211
## non-integer x = 0.259831
## non-integer x = 0.168539
## non-integer x = 0.164326
## non-integer x = 0.081461
## non-integer x = 0.157303
## non-integer x = 0.168539
## non-integer x = 0.269755
## non-integer x = 0.084469
## non-integer x = 0.065395
## non-integer x = 0.273842
## non-integer x = 0.306540
## non-integer x = 0.094551
## non-integer x = 0.073718
## non-integer x = 0.216346
## non-integer x = 0.282051
## non-integer x = 0.333333
## non-integer x = 0.063636
## non-integer x = 0.351240
## non-integer x = 0.083471
## non-integer x = 0.184298
## non-integer x = 0.317355
## non-integer x = 0.172697
## non-integer x = 0.218750
## non-integer x = 0.108553
## non-integer x = 0.166118
## non-integer x = 0.333882
## non-integer x = 0.122449
## non-integer x = 0.258503
## non-integer x = 0.207483
## non-integer x = 0.153061
## non-integer x = 0.258503
## non-integer x = 0.136546
## non-integer x = 0.253012
## non-integer x = 0.196787
## non-integer x = 0.251004
## non-integer x = 0.162651
## non-integer x = 0.187200
## non-integer x = 0.137600
## non-integer x = 0.286400
## non-integer x = 0.147200
## non-integer x = 0.241600
## non-integer x = 0.225122
## non-integer x = 0.194127
## non-integer x = 0.337684
## non-integer x = 0.146819
## non-integer x = 0.096248
## non-integer x = 0.432749
```

```
## non-integer x = 0.263158
## non-integer x = 0.116959
## non-integer x = 0.187135
## non-integer x = 0.151724
## non-integer x = 0.145690
## non-integer x = 0.273276
## non-integer x = 0.211207
## non-integer x = 0.218103
## non-integer x = 0.094298
## non-integer x = 0.162281
## non-integer x = 0.142544
## non-integer x = 0.166667
## non-integer x = 0.434211
## non-integer x = 0.259831
## non-integer x = 0.168539
## non-integer x = 0.164326
## non-integer x = 0.081461
## non-integer x = 0.157303
## non-integer x = 0.168539
## non-integer x = 0.269755
## non-integer x = 0.084469
## non-integer x = 0.065395
## non-integer x = 0.273842
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## non-integer x = 0.094298
## non-integer x = 0.162281
## non-integer x = 0.142544
## non-integer x = 0.166667
## non-integer x = 0.434211
## non-integer x = 0.259831
## non-integer x = 0.168539
## non-integer x = 0.164326
## non-integer x = 0.081461
## non-integer x = 0.157303
## non-integer x = 0.168539
## non-integer x = 0.269755
## non-integer x = 0.084469
## non-integer x = 0.065395
## non-integer x = 0.273842
## non-integer x = 0.306540
## non-integer x = 0.094551
## non-integer x = 0.073718
## non-integer x = 0.216346
## non-integer x = 0.282051
## non-integer x = 0.333333
## non-integer x = 0.063636
## non-integer x = 0.351240
## non-integer x = 0.083471
## non-integer x = 0.184298
## non-integer x = 0.317355
## non-integer x = 0.172697
## non-integer x = 0.218750
## non-integer x = 0.108553
## non-integer x = 0.166118
## non-integer x = 0.333882
## non-integer x = 0.122449
## non-integer x = 0.258503
## non-integer x = 0.207483
```

```
## non-integer x = 0.153061
## non-integer x = 0.258503
## non-integer x = 0.136546
## non-integer x = 0.253012
## non-integer x = 0.196787
## non-integer x = 0.251004
## non-integer x = 0.162651
## non-integer x = 0.187200
## non-integer x = 0.137600
## non-integer x = 0.286400
## non-integer x = 0.147200
## non-integer x = 0.241600
## non-integer x = 0.225122
## non-integer x = 0.194127
## non-integer x = 0.337684
## non-integer x = 0.146819
## non-integer x = 0.096248
## non-integer x = 0.432749
## non-integer x = 0.263158
## non-integer x = 0.116959
## non-integer x = 0.187135
## non-integer x = 0.151724
## non-integer x = 0.145690
## non-integer x = 0.273276
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```

Result

Analyze with rTPC

Analyze with other packages

According to Padfield et al. (2021)

However, [the rTPC] pipeline does not accommodate non-independent (related) replicates, and clustered or stratified sampling (possibly with missing values). In such situations, nonlinear mixed effects model fitting (e.g. using the nlme r package; Oddi et al., 2019) or Bayesian approaches (e.g. using the brms r package; Bürkner, 2017) would be more appropriate. Nevertheless, for fitting massive TPC datasets to multiple mathematical models, rTPC offers a simple, reliable

and reproducible computational pipeline with robust methods for calculation of model uncertainty, requiring minimal statistical and computational expertise, and suitable for a wide range of applications.

Thus, we can't incorporate random effects.

stan

This is a good excuse to learn how to use **stan**

End

```
knitr::knit_exit()
```