ordicenter

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Function which adds group centroids onto ordination diagram. The code heavily borrows from the `vegan` function `ordispider`, written by Jari Oksanen. Use of `ordicenter` (including the names of its arguments) has the same logic (for details about the arguments and use, consult help to `ordispider` function).

See here for examples how to use this function.

ordicenter.r

```
ordicenter <- function (ord, groups, display = "sites", w = weights(ord,
display),
            show.groups, ...)
  {
    weights.default <- function(object, ...) NULL
    pts <- scores(ord, display = display, ...)
    w <- eval(w)
    if (length(w) == 1)
      w <- rep(1, nrow(pts))
    if (is.null(w))
      w <- rep(1, nrow(pts))
    if (!missing(show.groups))
    {
      take <- groups %in% show.groups
      pts <- pts[take, , drop = FALSE]
      groups <- groups[take]
      w <- w[take]
    }
    out <- seq(along = groups)
    inds <- names(table(groups))
    for (is in inds)
    {
      gr <- out[groups == is]
      if (length(gr) > 1)
      {
        X <- pts[gr, ]
        W <- w[gr]
        ave <- apply(X, 2, weighted.mean, w = W)
        vegan:::ordiArgAbsorber(ave[1], ave[2], labels = is, FUN = text, ...)
      }
      if (length(gr) == 1)
      {
        X <- pts[gr, ]
        W <- w[gr]
        vegan:::ordiArgAbsorber(X[1], X[2], labels = is, FUN = text, ...)
      }
    }
    invisible()
  }
```

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