```r
# Read and parse a dispersion observation between eigenvalue i and j.
.resolve_dispersion <- function(i, j, eigenvalues, norm_fn, digits){
  # Initialize dispersion dataframe by adding order of eigenvalues compared
  disp <- data.frame(i = i, j = j)
  # Add the eigenvalues
  disp$eig_i <- .read_eigenvalue(i, eigenvalues)
  disp$eig_j <- .read_eigenvalue(j, eigenvalues)
  # Get the identity difference
  disp$id_diff <- disp$eig_j - disp$eig_i
  # Compute norm of the identity difference (standard norm metric)
  disp$id_diff_norm <- norm_fn(disp$id_diff)
  # Compute the difference of absolutes
  disp$abs_diff <- norm_fn(disp$eig_j) - norm_fn(disp$eig_i)
  # Round digits
  disp <- round(disp, digits)
  # Get the ranking difference
  disp$diff_ij <- disp$i - disp$j
  # Return the resolved dispersion observation
  disp
}
```