Bar Graphs - Short demo

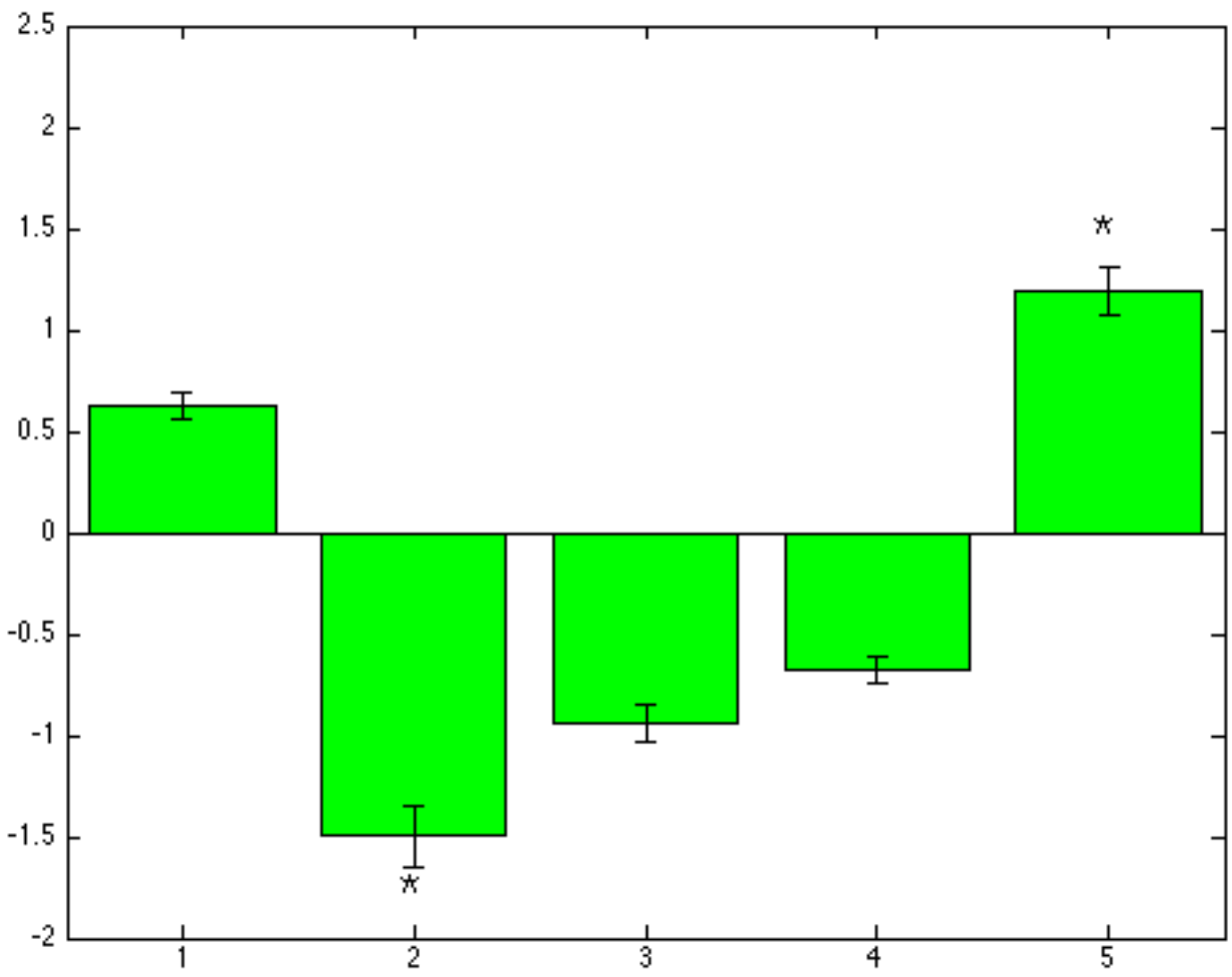
Plot some random data and draw arbitrary significance stars

Contents

- Example 1 - 1D barplot, 1d h matrix
- Example 2 - 2D barplot, 1d h matrix, with some optional arguments
- Example 3 - 2D barplot, 2d h matrix

Example 1 - 1D barplot, 1d h matrix

```
y = randn(1,5);
errY = 0.1.*y;           % 10% error
h = [0 1 0 0 1];
h = bar_errsig(h,errY, y,'g');% Plot with errorbars
ylim([-2 2.5]);
```

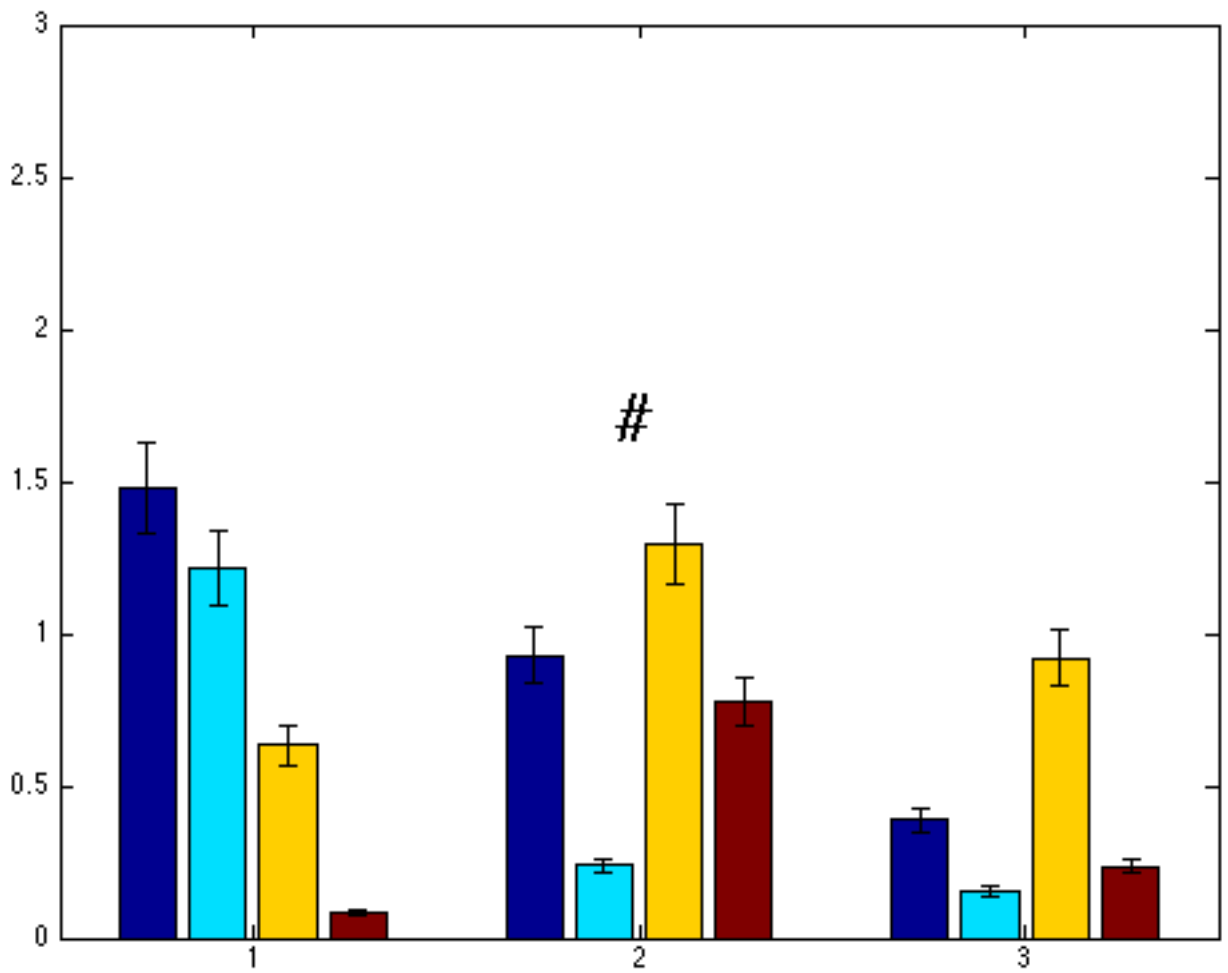


Example 2 - 2D barplot, 1d h matrix, with some optional arguments

(i.e. for plotting anova output)

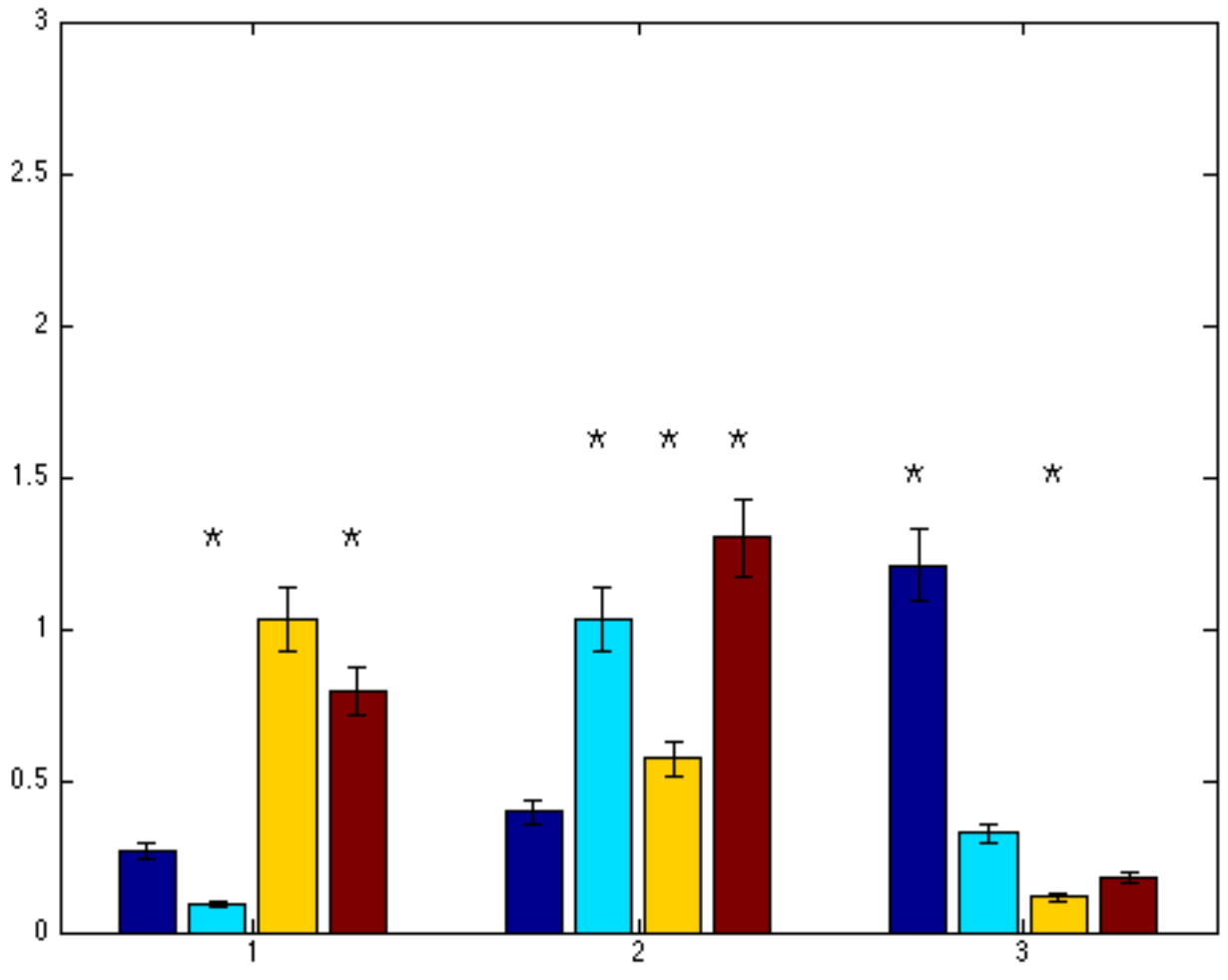
```
y = abs(randn(3,4));
errY = 0.1.*y;           % 10% error
```

```
h = [0 1 0];
h = bar_errsig(h,errY, y,'mysymbol','#','star_shift_factor',1.2);% Plot with errorbars
ylim([0 3]);
```



Example 3 - 2D barplot, 2d h matrix

```
y = abs(randn(3,4));
errY = 0.1.*y;           % 10% error
h = [0 1 0 1; 0 1 1 1; 1 0 1 0];
out = bar_errsig(h,errY, y);% Plot with errorbars
ylim([0 3]);
```



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