

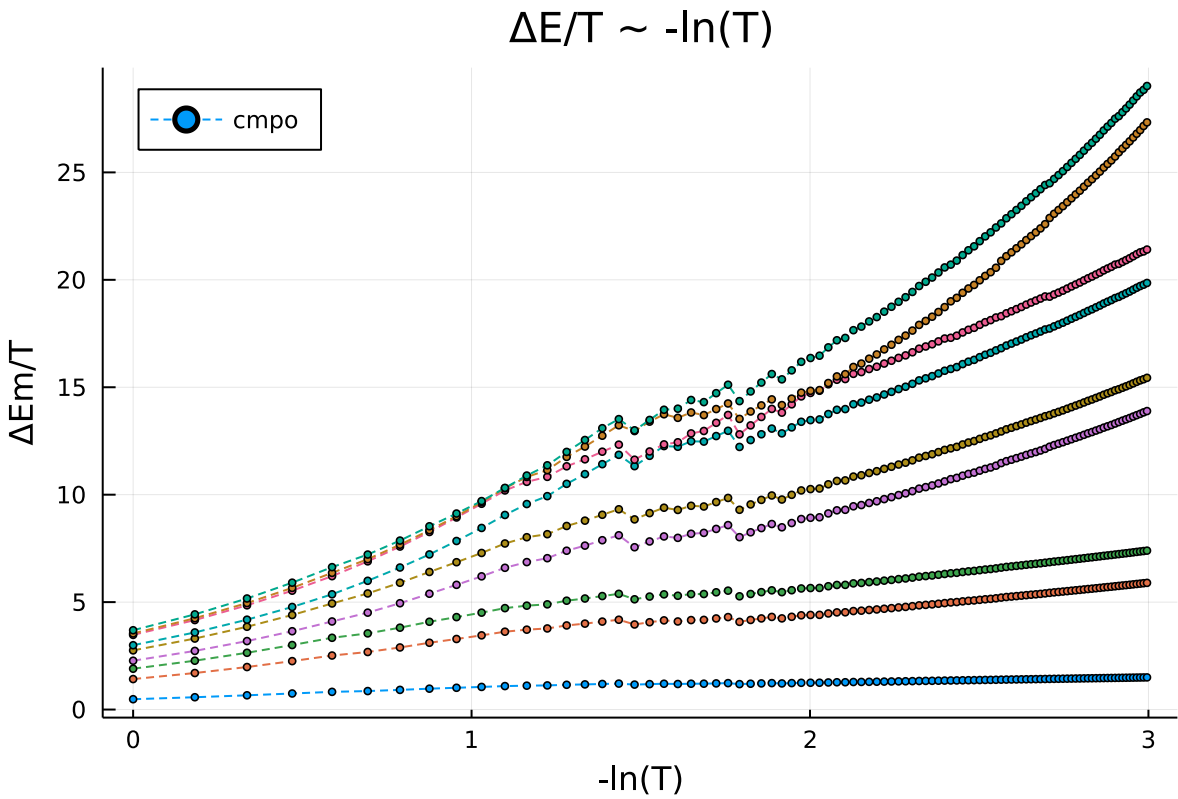
$\Gamma = J = 1$

```
num = 10
  • #number of eigen states
  • num = 10
```

```
beta =
[1.0, 1.2, 1.4, 1.6, 1.8, 2.0, 2.2, 2.4, 2.6, 2.8, 3.0, 3.2, 3.4, 3.6, 3.8, 4.0, 4.2, 4.4,
```

```
w =
cmipo(2x2 Matrix{Float64}::, 2x2 Matrix{Float64}::, 2x2 Matrix{Float64}::, 2x2 Matrix{Float6
0.0  1.0      1.0  0.0      1.0  0.0      0.0  0.0
1.0  0.0      0.0 -1.0     0.0 -1.0     0.0  0.0
```

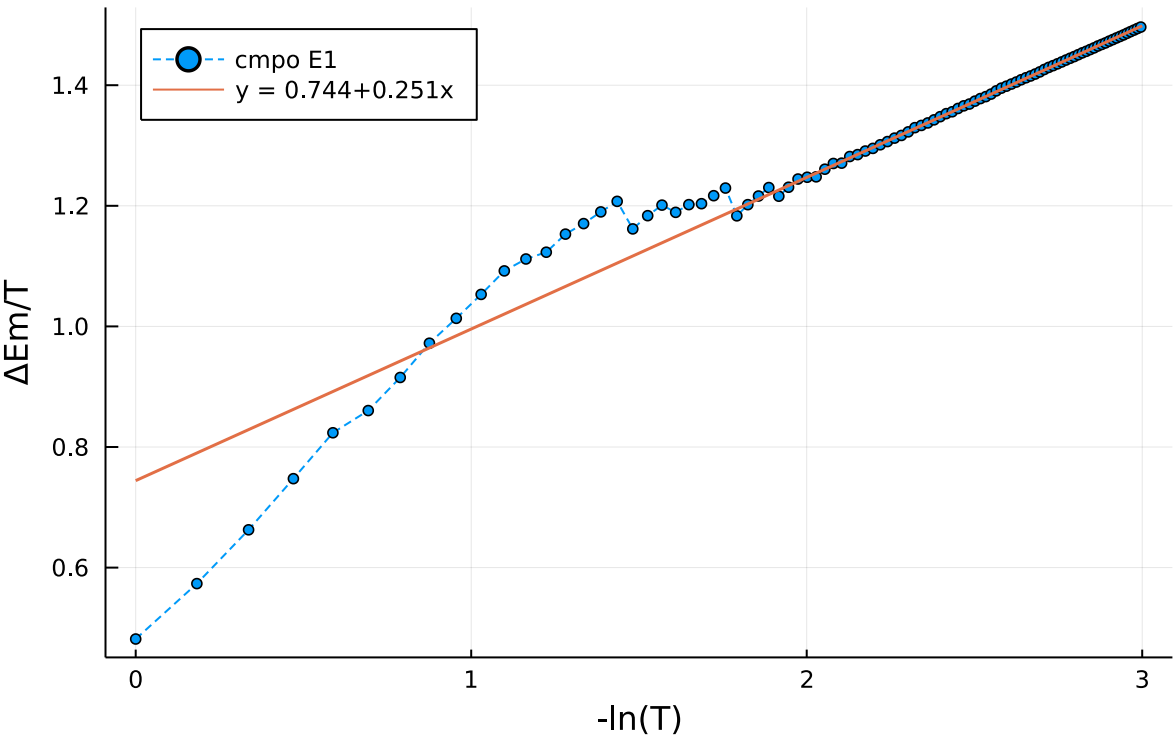
```
"data = ../data/g_1.0.jld"
```



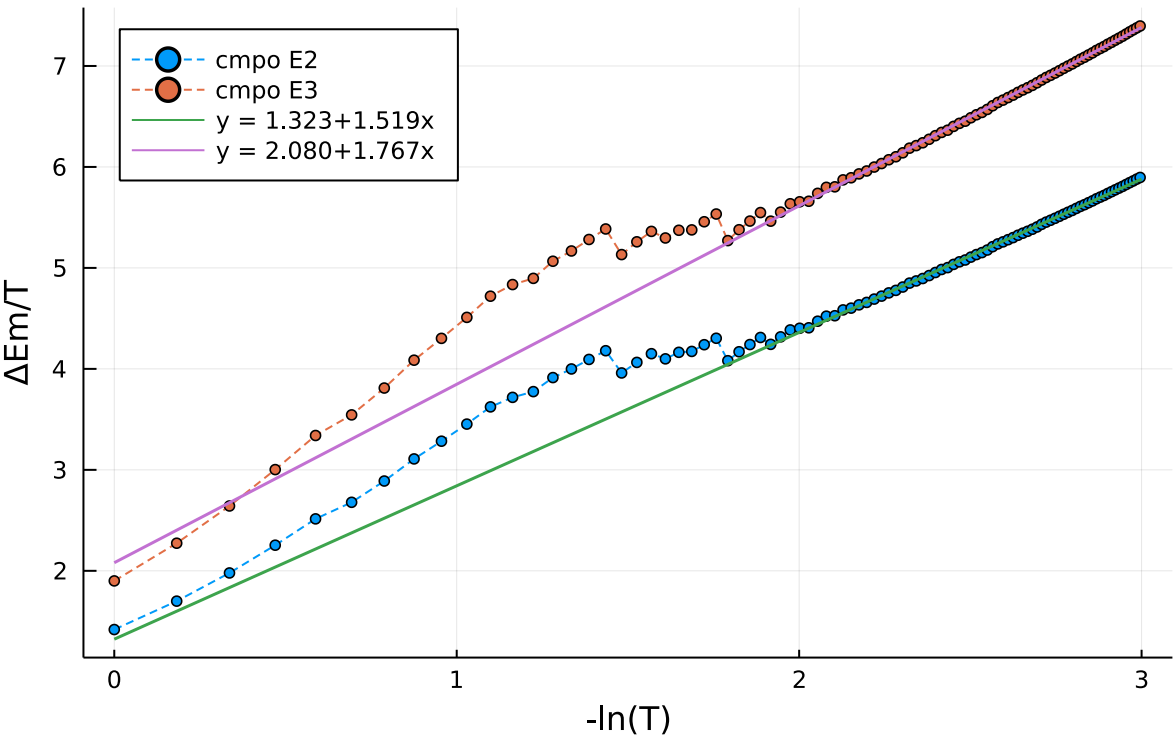
```
linearfit (generic function with 1 method)

addplot_linearfit (generic function with 1 method)
```

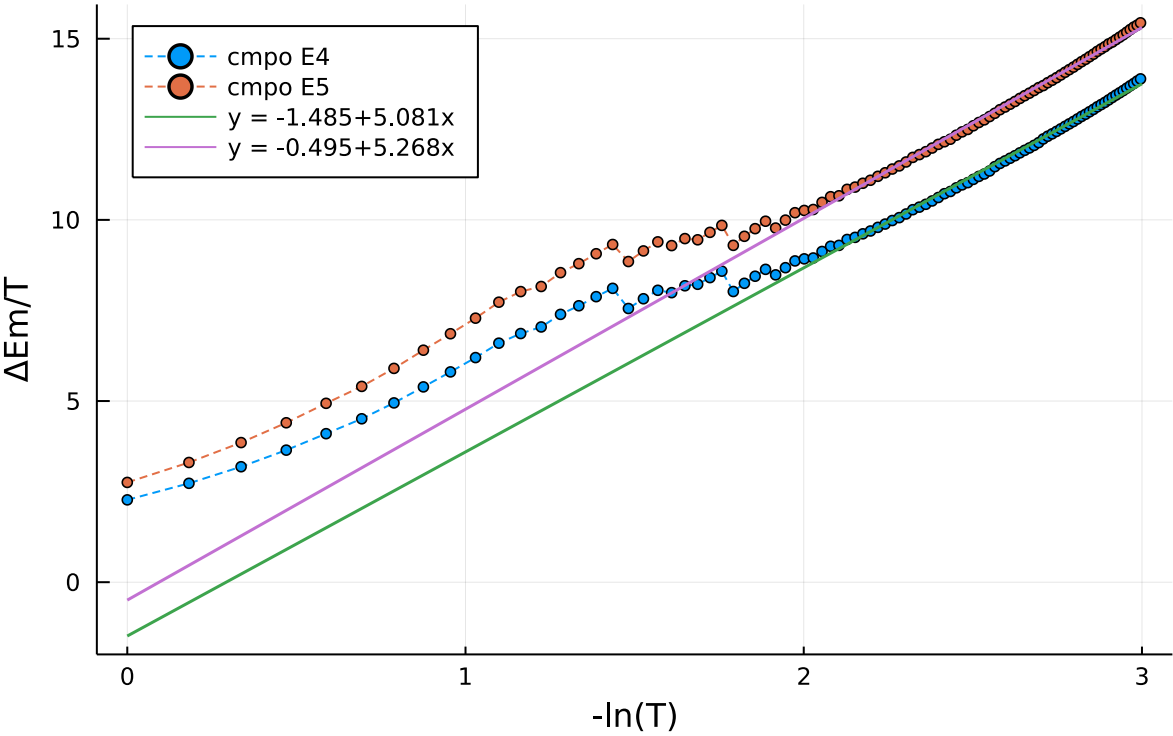
$\Delta E/T \sim -\ln(T)$



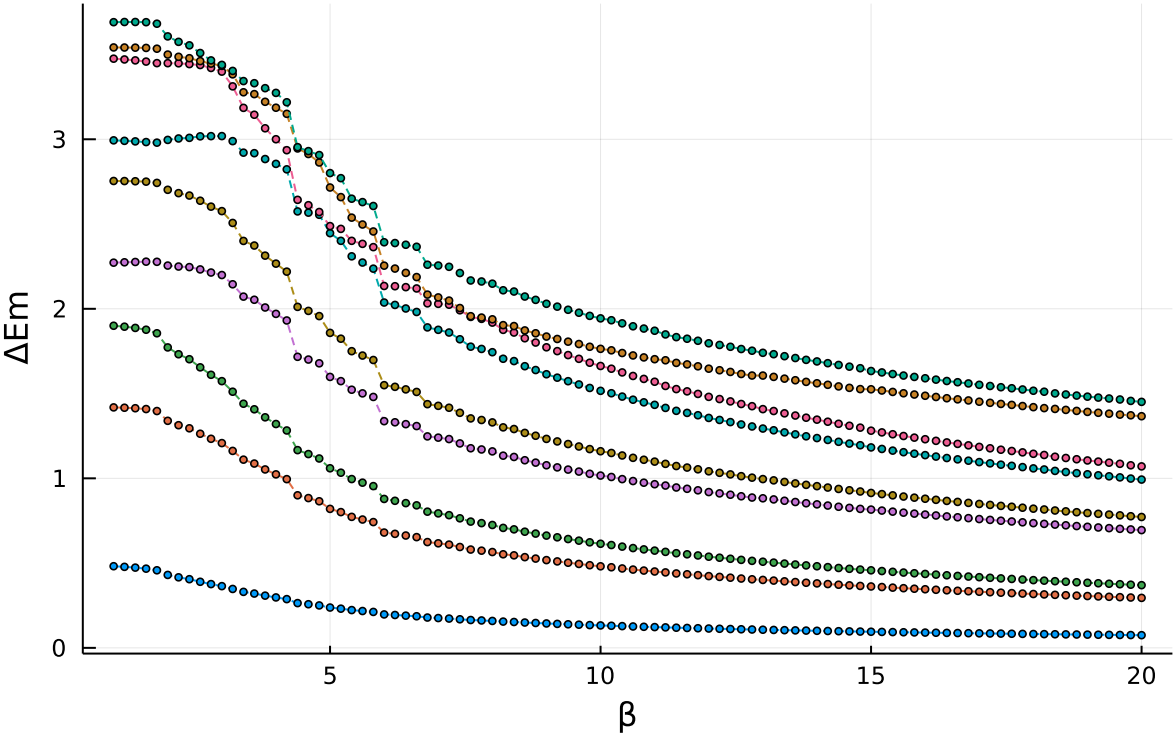
$\Delta E/T \sim -\ln(T)$

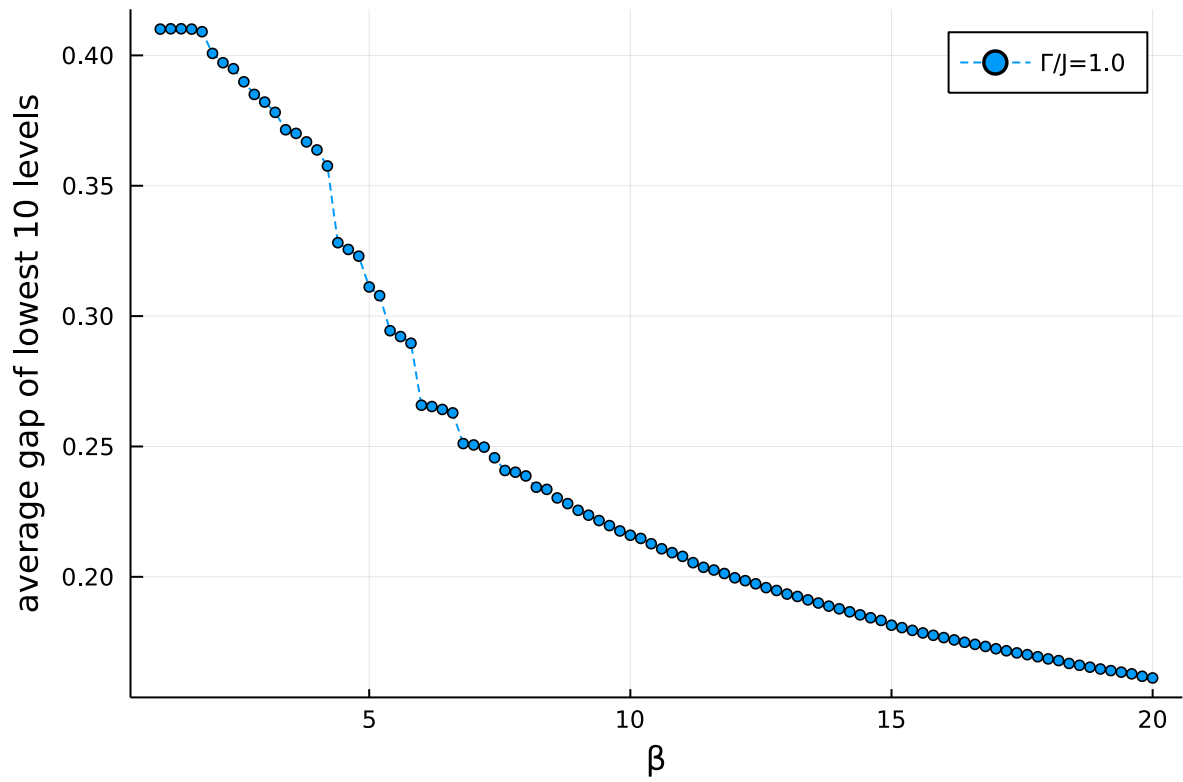


$\Delta E/T \sim -\ln(T)$

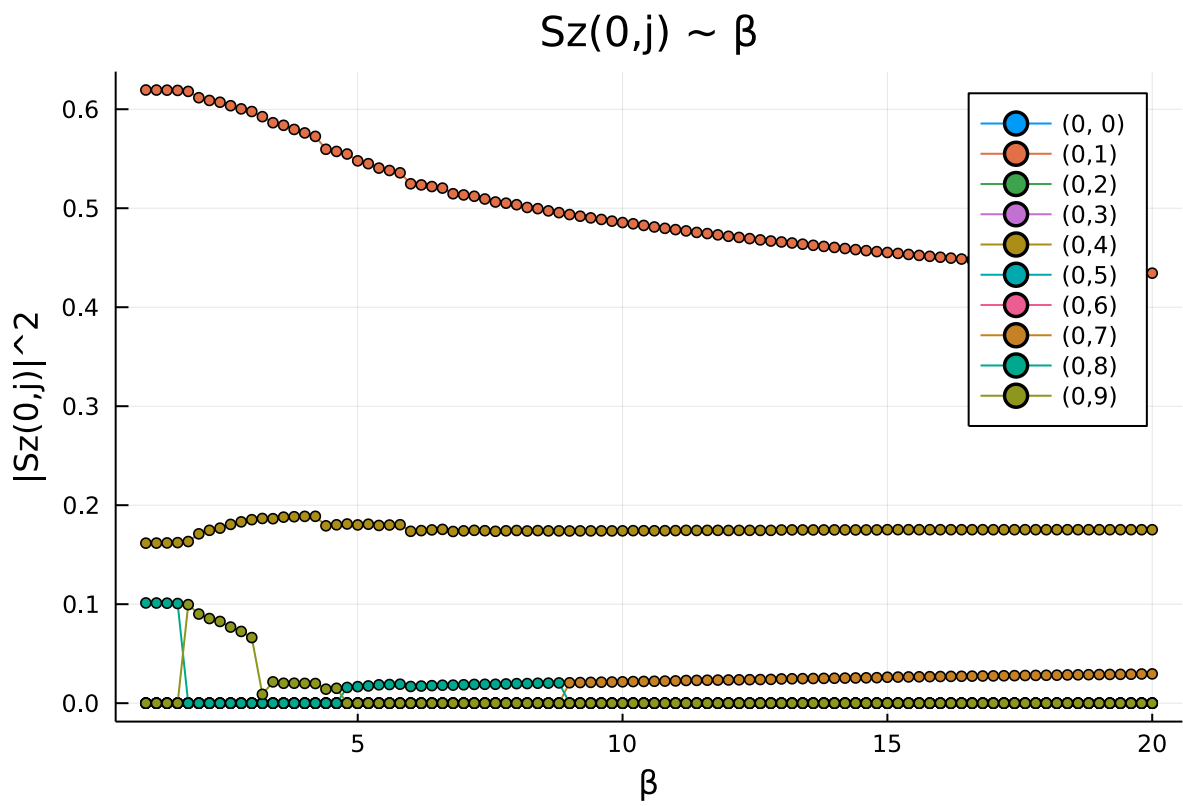


$\Delta E \sim \beta$

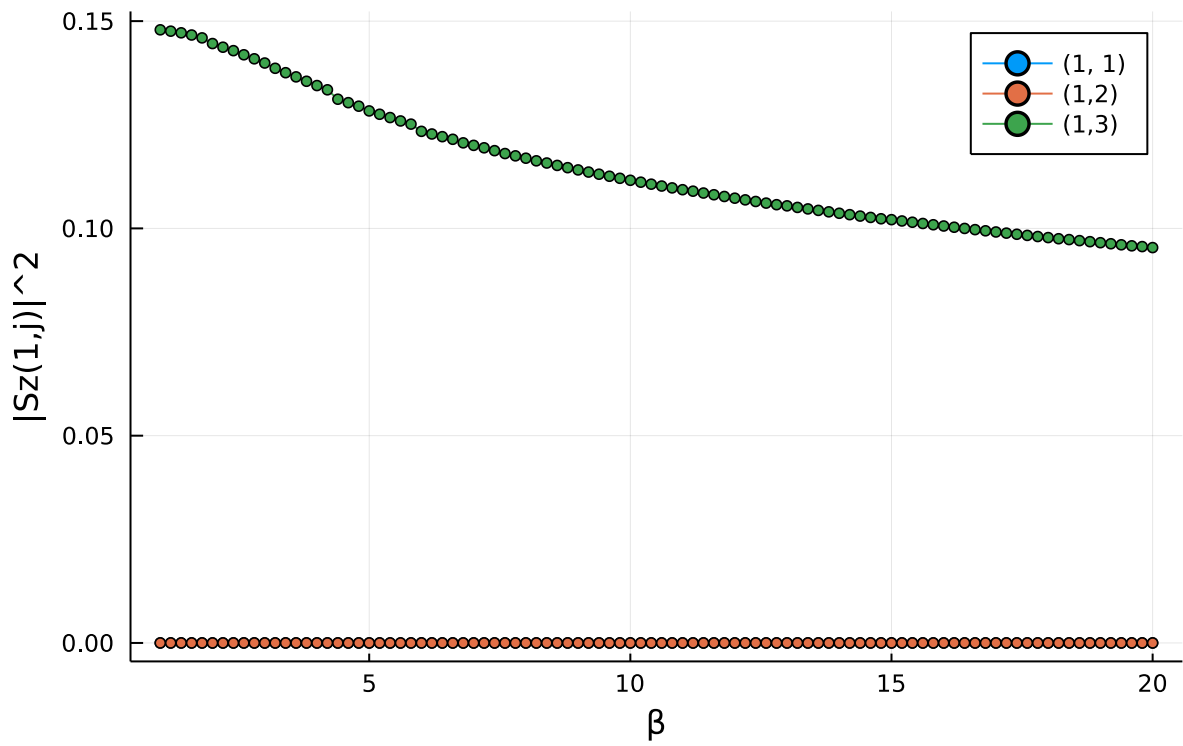




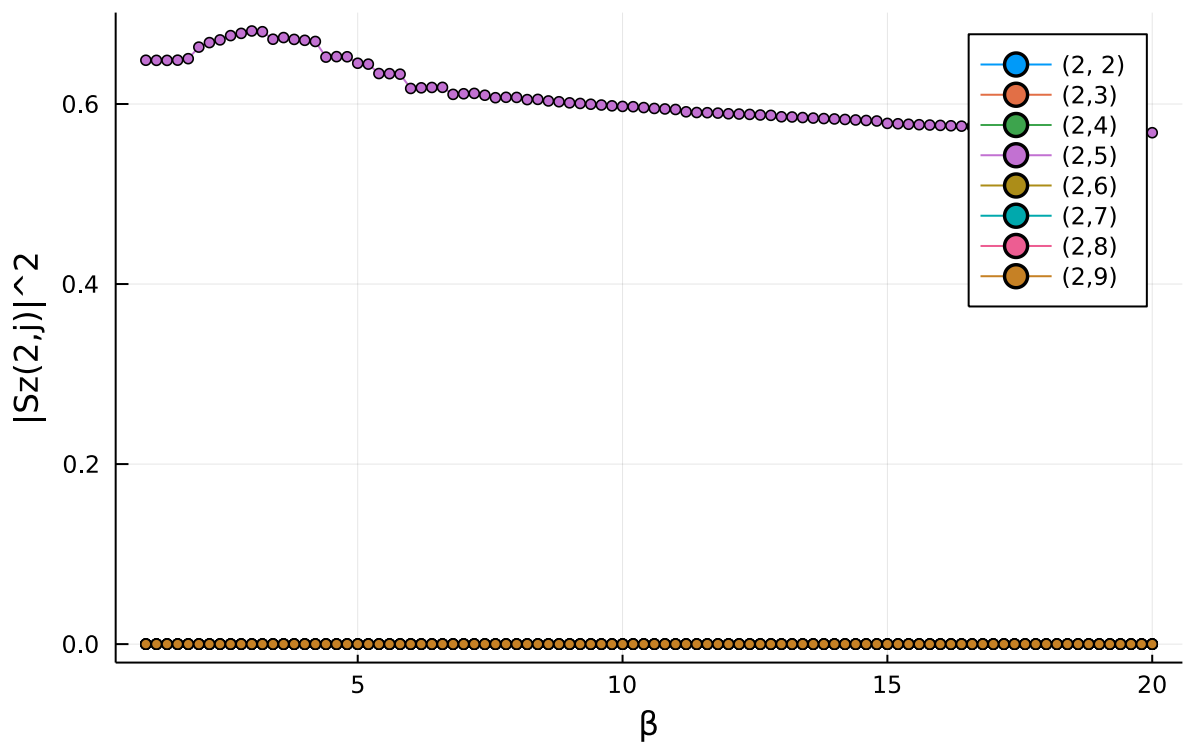
plot_sz (generic function with 1 method)



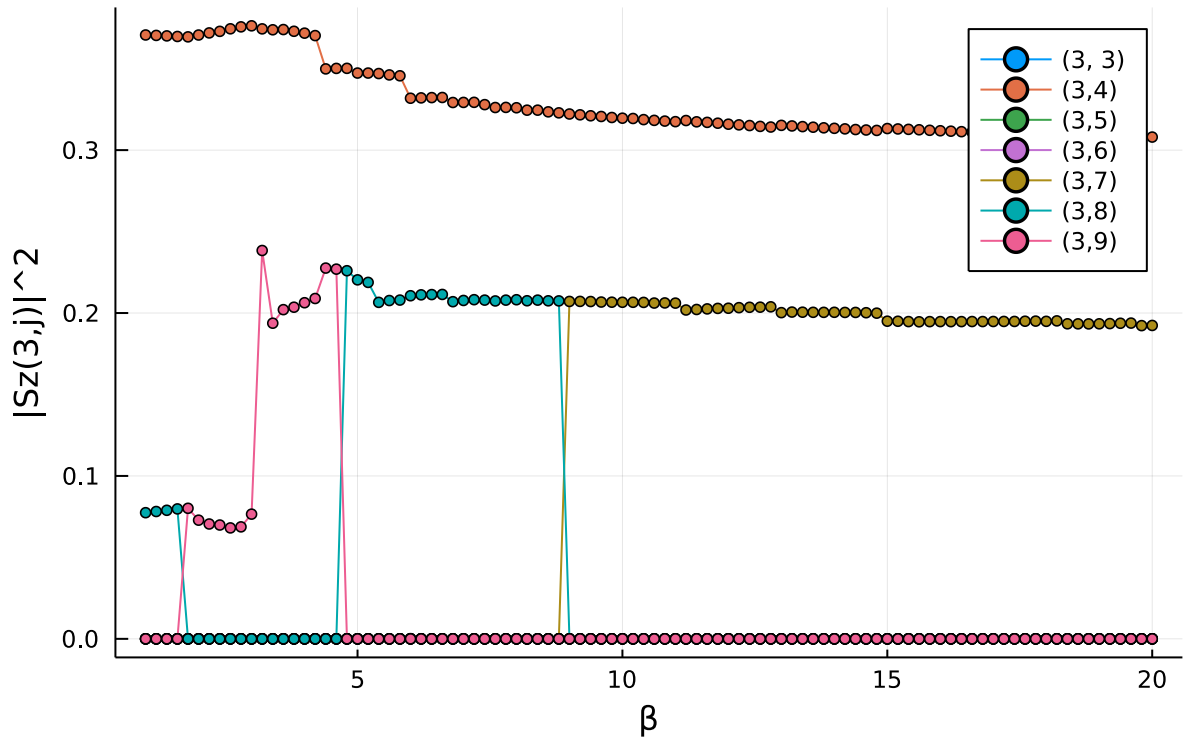
$Sz(1,j) \sim \beta$



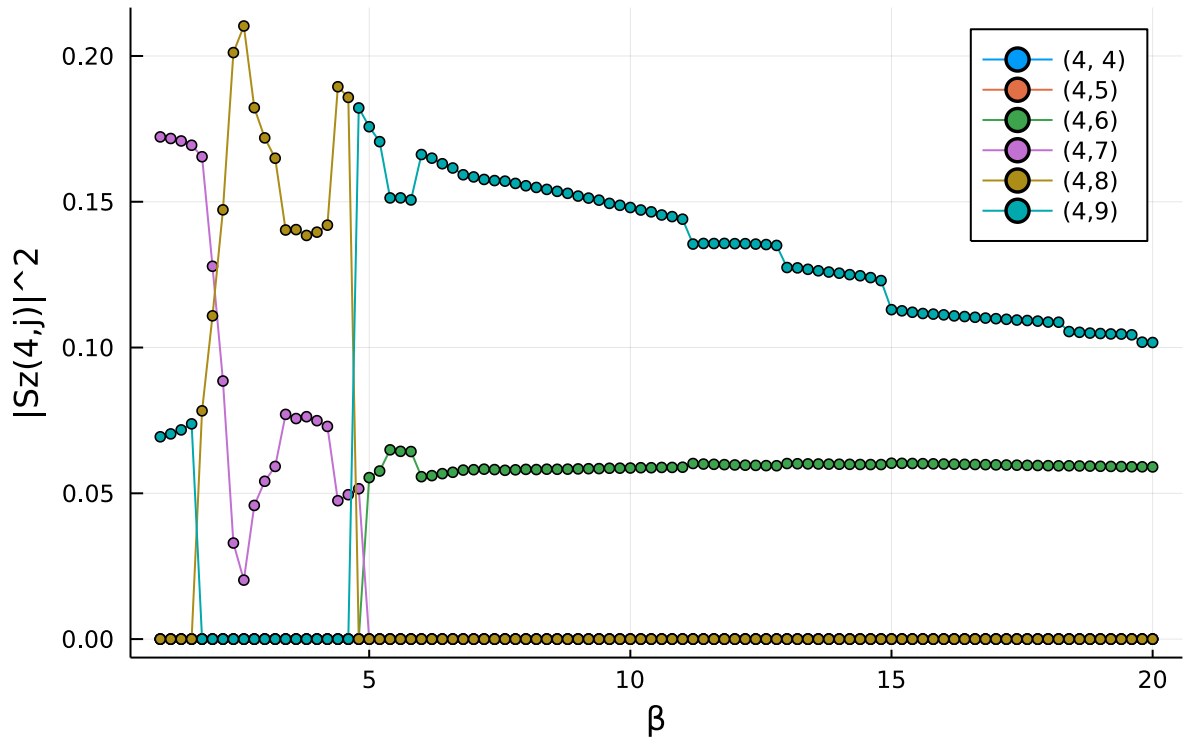
$Sz(2,j) \sim \beta$



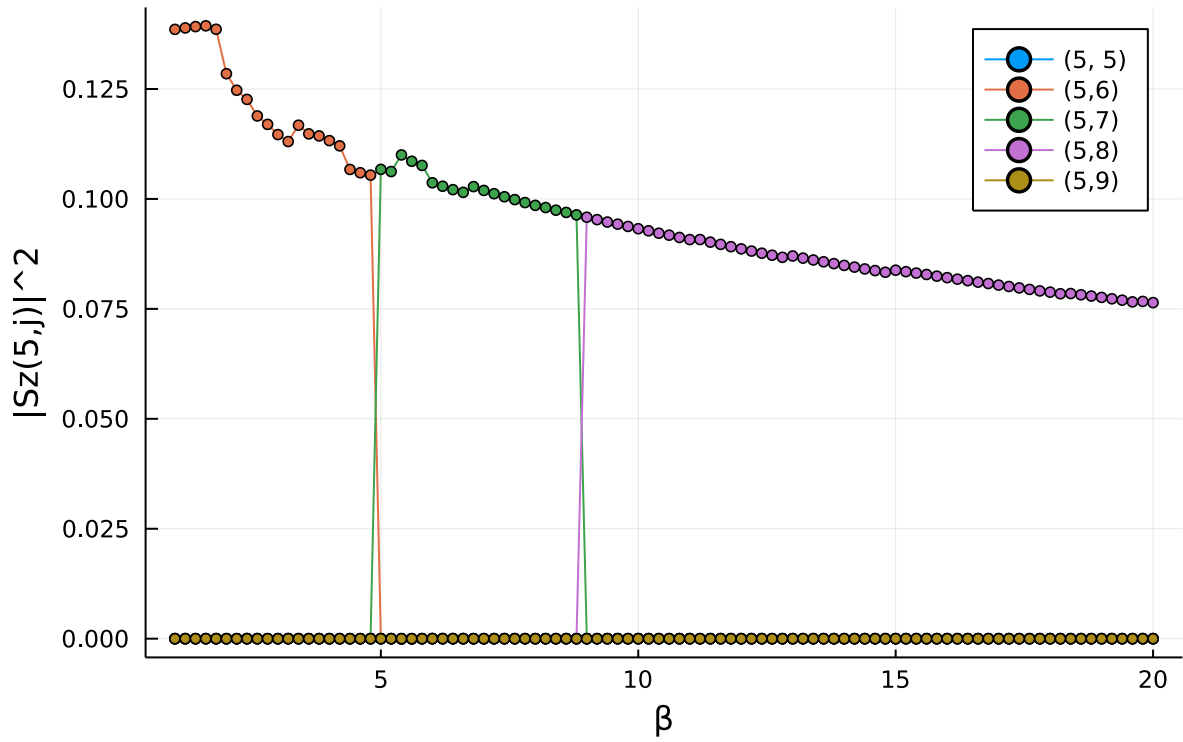
Sz(3,j) ~ β



Sz(4,j) ~ β



$Sz(5,j) \sim \beta$



"define pauli z"