```
Part 4: Calculating Gradients for Hidden Layer Bins Weights (bul plow2)

S_{b} = (\sum S_{b} W_{i}) \text{ out}_{i} (1 - \text{out}_{i})
= (-0.0134) \times 0.7020 (1-0.7020)
= -0.0028
= (0.0437) \times 0.5841 (1-0.5841)
```

Gradient Values  $W_1 = -0.000420492$   $W_2 = 0.00159$   $W_3 = -0.000984$   $W_4 = 0.003715$   $W_4 = 0.003715$   $W_5 = 0.1005$   $W_6 = -0.0362$   $W_7 = 0.0301$ 

3010.0 =

Hidden