HESS Iu: Significance distribution inside HESS Iu FB template
All energies
$$\text{bkg}'_{ri} = \text{bkg}_{ri} \cdot [1 - k \cdot (\text{alt}_{ri} - \text{alt}_{r0})]$$
std ImPACT

Template analysis with 3D background
Mean: 1.71

Template analysis with 3D background: k = 0.005
Mean: 1.64

Template analysis with 3D background: k = 0.01
Mean: 1.56

Template analysis with 3D background: k = 0.1
Mean: -0.15

$\sqrt{TS}$