```python
import hist
from hist import Hist as histo


met_axis = hist.axis.Regular(4, 30, 150, name="met")
h_met = hist.Hist(met_axis, storage="WeightedMean")


weights =  [1.4, 2, 1.1, 4, 1.2, 3.1, 0.2]
met =  [ 44, 49, 50, 69, 78, 94, 147]


h_met.fill(sample=weights, met=met)


h_met.view()


h_met.view().sum_of_weights_squared
```