Example prediction values.

* Raw: tensor([[ -46.6246, 359.2877, 1473.5244, -5645.2944, -2122.1243, -1981.2703, -6306.5293, 8133.7607, -57.2757, 1555.4266]], device='cuda:0')
* After softmax: tensor([[0., 0., 0., 0., 0., 0., 0., 1., 0., 0.]], device='cuda:0')
* After logsoftmax: tensor([[ -5227.9360, -5514.2983, -3335.6008, -7957.8691, -7545.4907,-9314.9512, -10800.5186, 0.0000, -8837.8047, -9104.5762]], device='cuda:0')