Conv+fc

Psd attack

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|  | Quan-aware2 | Quan-aware4 | Quan-aware 8 |  | Post-quanti2 |  | Post-quanti4 | Post-quanti8 |
| linear | ﻿Clean dataset testing:[9/10] val\_loss: 0.072071 val\_acc: 0.100900  AT dataset testing:[9/10] val\_loss: 0.072071 val\_acc: 0.100900 | ﻿Clean dataset testing:[9/10] val\_loss: 0.002774 val\_acc: 0.973900  AT dataset testing:[9/10] val\_loss: 0.002911 val\_acc: 0.972700 | Clean dataset testing:[9/10] val\_loss: 0.002081 val\_acc: 0.979300  AT dataset testing:[9/10] val\_loss: 0.002208 val\_acc: 0.977300 |  | Clean dataset testing:[9/10] val\_loss: 0.004872 val\_acc: 0.955900  AT dataset testing:[9/10] val\_loss: 0.004977 val\_acc: 0.957500  [Normal training Quantilized testing]Clean dataset testing:[9/10] val\_loss: 0.034294 val\_acc: 0.679500  [Normal training Quantilized testing]AT dataset testing:[9/10] val\_loss: 0.035434 val\_acc: 0.667200 |  | Clean dataset testing:[9/10] val\_loss: 0.002498 val\_acc: 0.975300  AT dataset testing:[9/10] val\_loss: 0.002609 val\_acc: 0.975100  [Normal training Quantilized testing]Clean dataset testing:[9/10] val\_loss: 0.002740 val\_acc: 0.972200  [Normal training Quantilized testing]AT dataset testing:[9/10] val\_loss: 0.002854 val\_acc: 0.970900 | Clean dataset testing:[9/10] val\_loss: 0.002387 val\_acc: 0.976300  AT dataset testing:[9/10] val\_loss: 0.002455 val\_acc: 0.976300  [Normal training Quantilized testing]Clean dataset testing:[9/10] val\_loss: 0.002392 val\_acc: 0.975700  [Normal training Quantilized testing]AT dataset testing:[9/10] val\_loss: 0.002480 val\_acc: 0.975100 |
| nonlinear |  | Clean dataset testing:[9/10] val\_loss: 0.002706 val\_acc: 0.973300  AT dataset testing:[9/10] val\_loss: 0.002793 val\_acc: 0.972300 | ﻿Clean dataset testing:[9/10] val\_loss: 0.002837 val\_acc: 0.972800  AT dataset testing:[9/10] val\_loss: 0.002959 val\_acc: 0.971400 |  | Clean dataset testing:[9/10] val\_loss: 0.002692 val\_acc: 0.973100  AT dataset testing:[9/10] val\_loss: 0.002806 val\_acc: 0.972700  [Normal training Quantilized testing]Clean dataset testing:[9/10] val\_loss: 0.002692 val\_acc: 0.973100  [Normal training Quantilized testing]AT dataset testing:[9/10] val\_loss: 0.002823 val\_acc: 0.972100 |  | Clean dataset testing:[9/10] val\_loss: 0.008883 val\_acc: 0.919100  AT dataset testing:[9/10] val\_loss: 0.009063 val\_acc: 0.915800  [Normal training Quantilized testing]Clean dataset testing:[9/10] val\_loss: 0.008883 val\_acc: 0.919100  [Normal training Quantilized testing]AT dataset testing:[9/10] val\_loss: 0.009021 val\_acc: 0.918300 | Clean dataset testing:[9/10] val\_loss: 0.002699 val\_acc: 0.972600  AT dataset testing:[9/10] val\_loss: 0.002783 val\_acc: 0.971700  [Normal training Quantilized testing]Clean dataset testing:[9/10] val\_loss: 0.002699 val\_acc: 0.972600  [Normal training Quantilized testing]AT dataset testing:[9/10] val\_loss: 0.002795 val\_acc: 0.972200 |
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