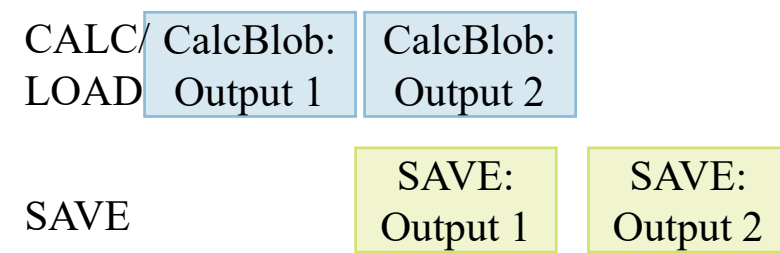
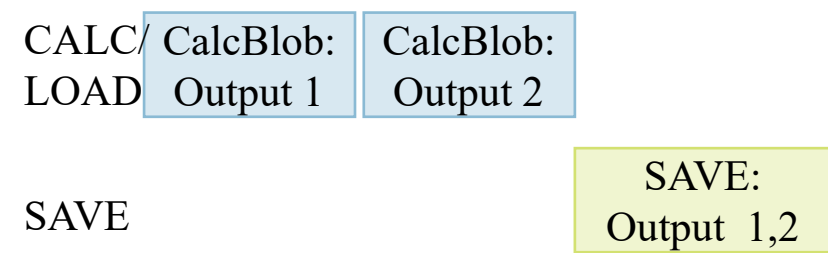


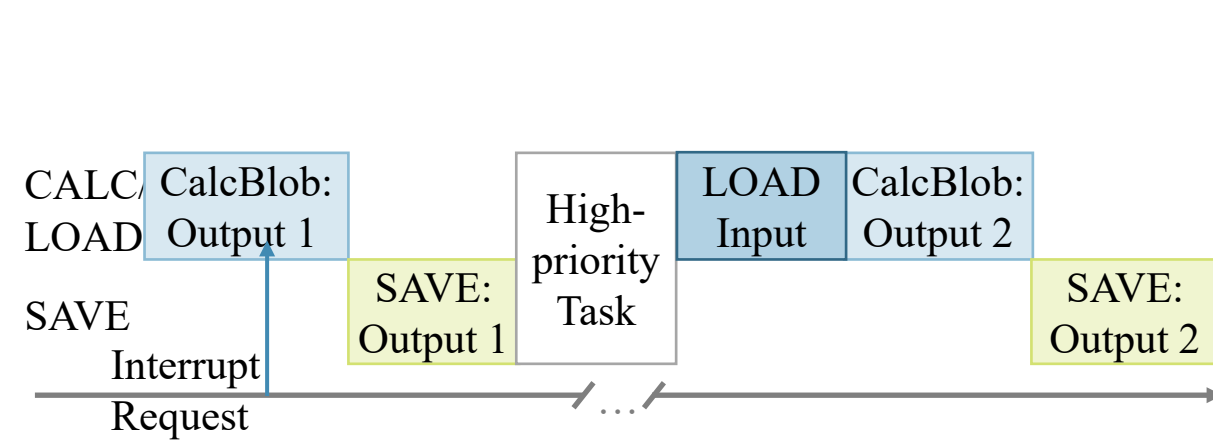
(a) Scheduling of instruction-driven CNN accelerator. The final results of Para_{out} output channels are calculated (solid arrows) before the next output channels (dashed arrow).



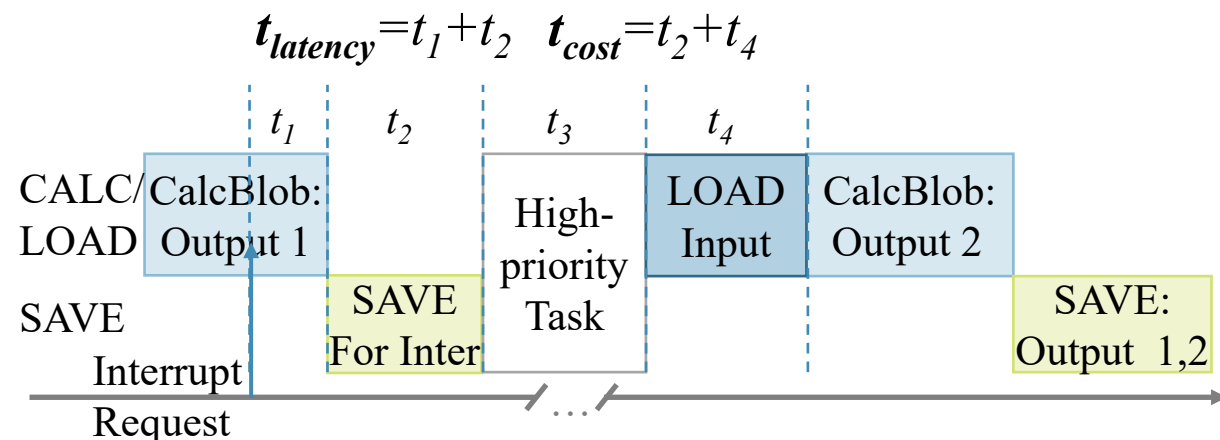
(b) Single Blob Save. One SAVE instruction for each CalcBlob's output.



(c) Multiple Blob Save. One SAVE instruction for two or more CalcBlobs' output.



(d) Interrupt for Single Blob Save. The High-priority task starts after the SAVE (*SAVE Output 1*) instruction.



(e) Interrupt for Multiple Blob Save. A virtual SAVE becomes valid (*SAVE For Inter*) to backup/store the finished CalcBlob's output.