

Visualization of CNN Architectures and Fusion  
Methods for the research note  
**Multi-View Deep Learning for Imaging  
Atmospheric Cherenkov Telescopes**

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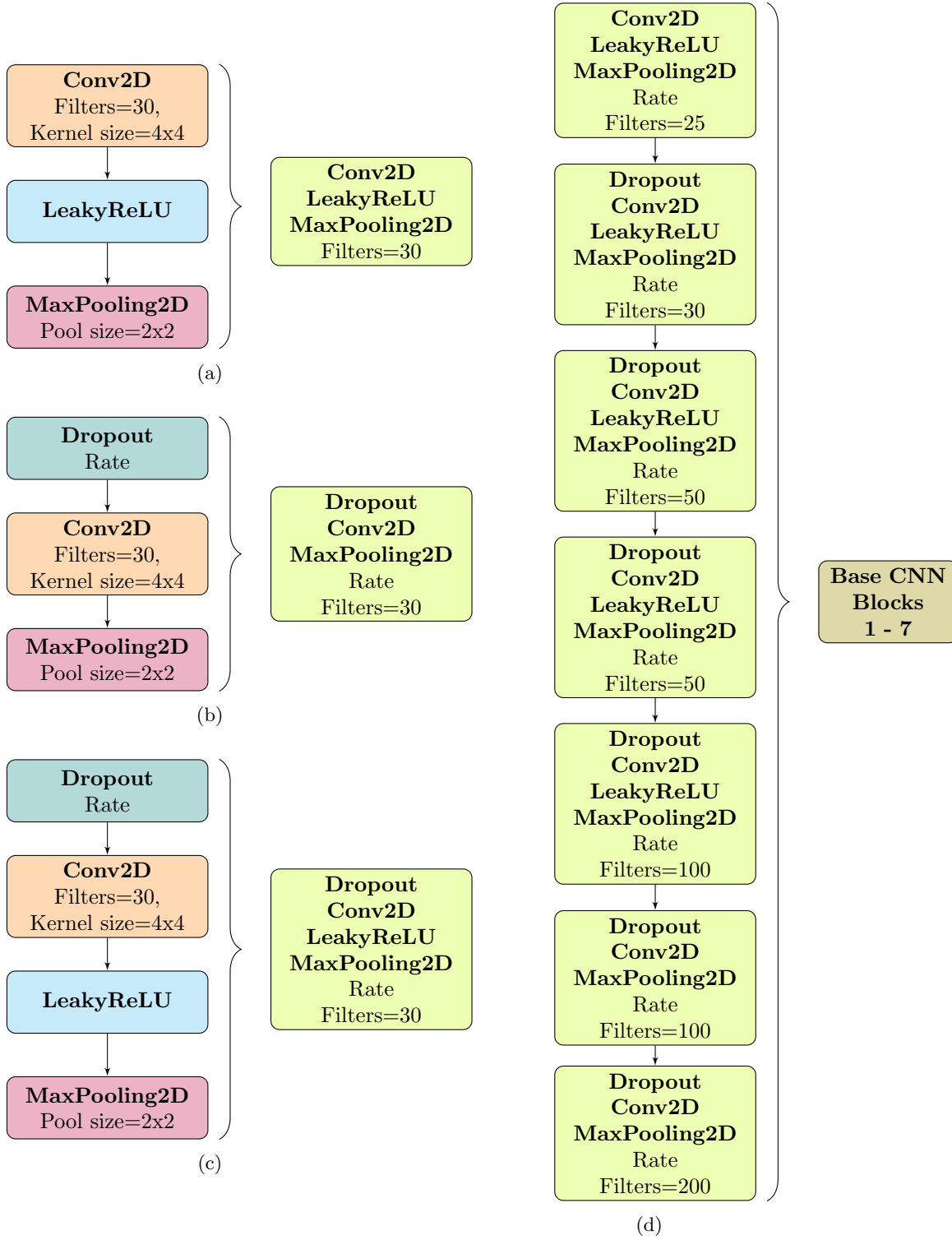


Figure 1: Visualization of the CNN approach: Definition of a reoccurring sequence of layers: **Block Type 1** (a), **Block Type 2** (b) and **Block Type 3** (c) and **Base CNN Blocks 1 - 7** (d). Only the variable parameters are shown in the summarizing box.

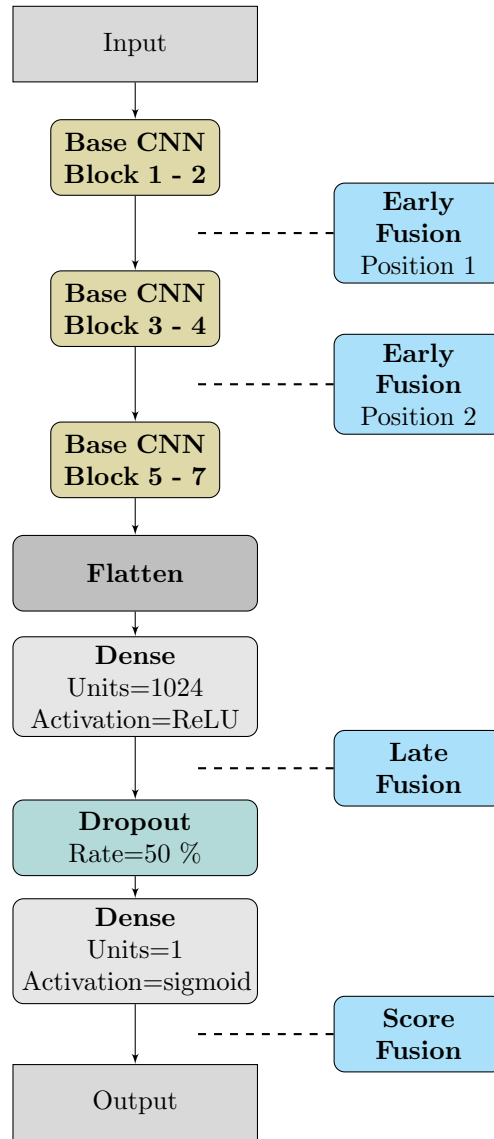


Figure 2: Visualization of the CNN approach: **Single-View CNN** with locations of fusion methods marked

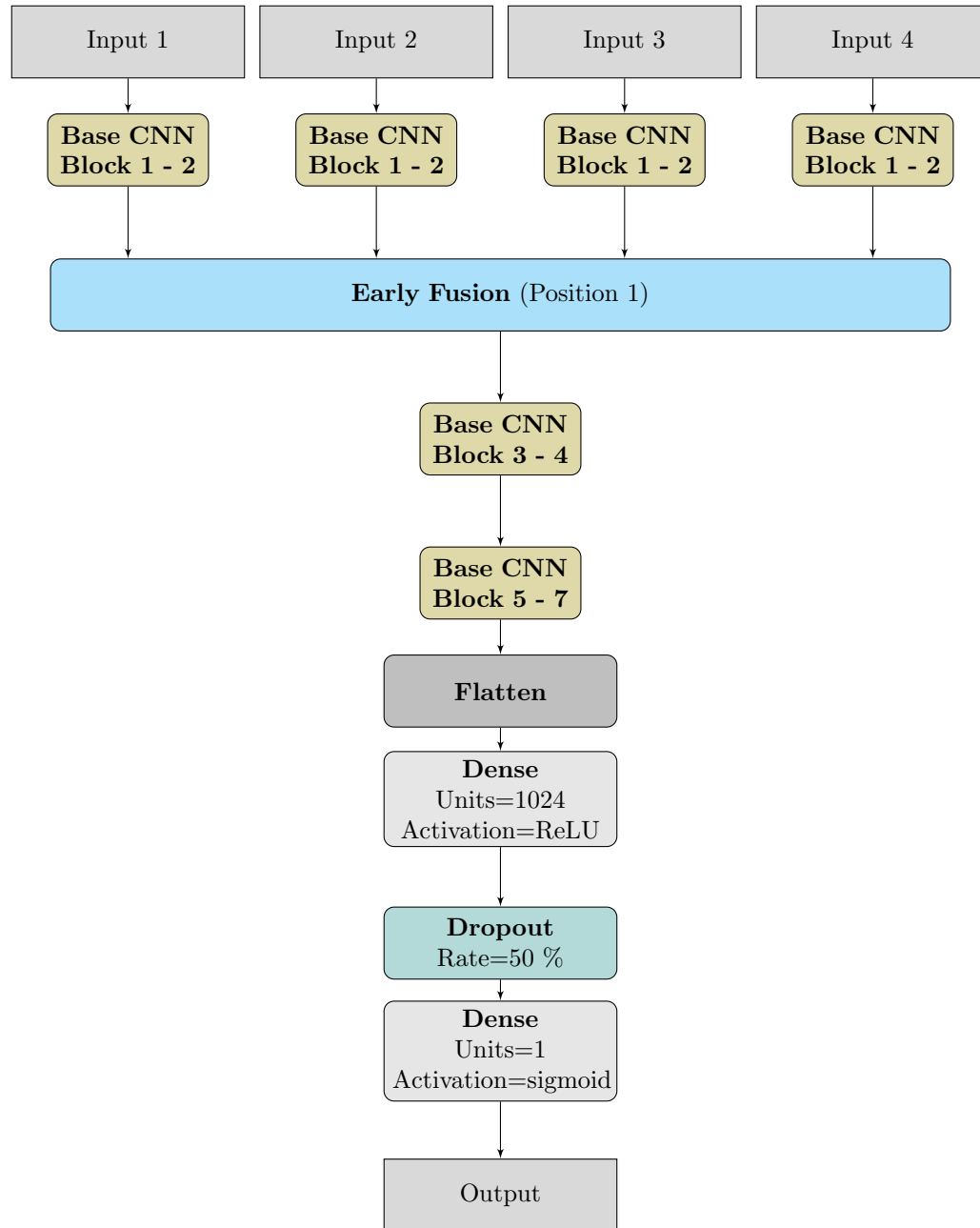


Figure 3: Visualization of the CNN approach: **Early Fusion Multi-View CNN**

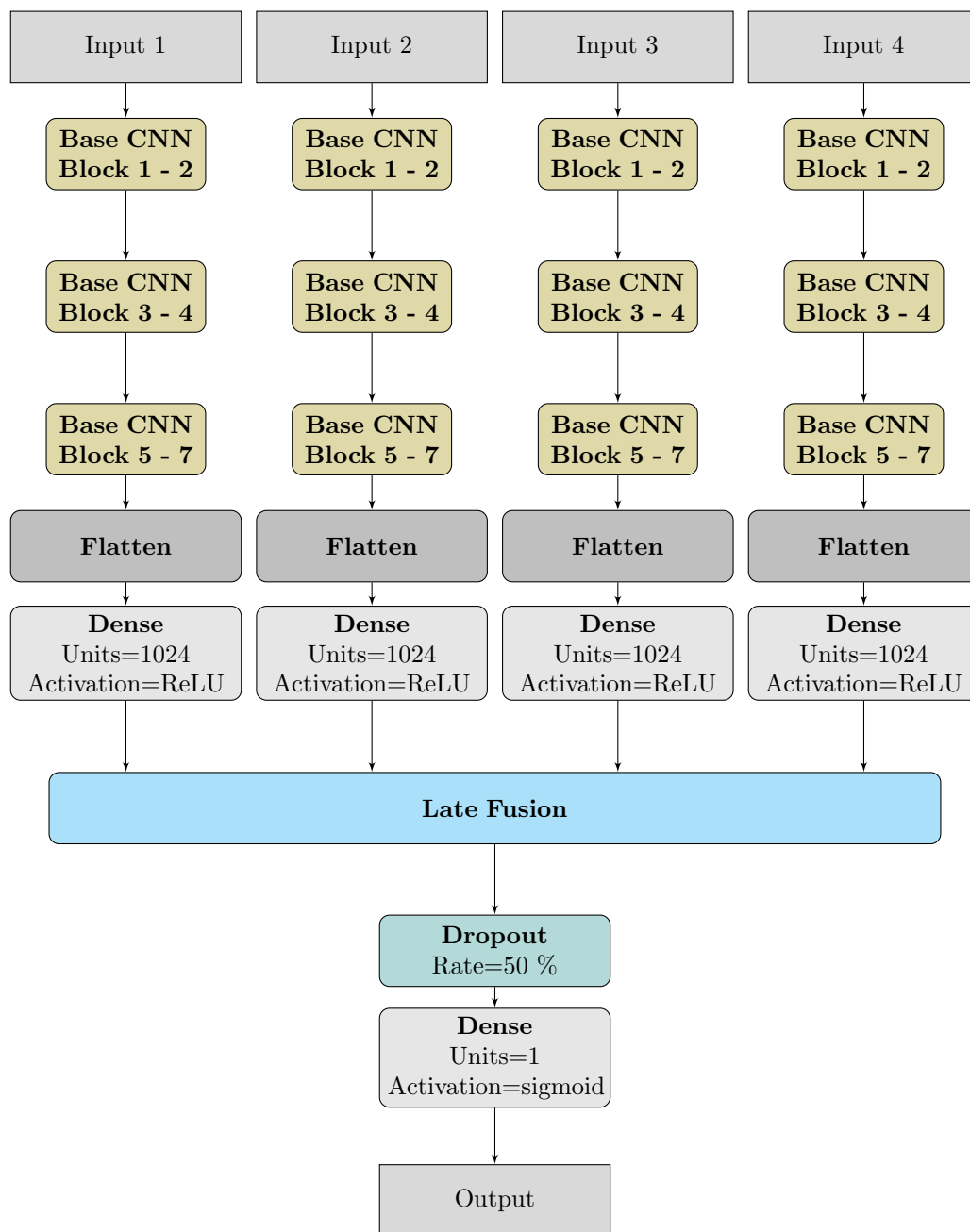


Figure 4: Visualization of the CNN approach: **Late Fusion Multi-View CNN**

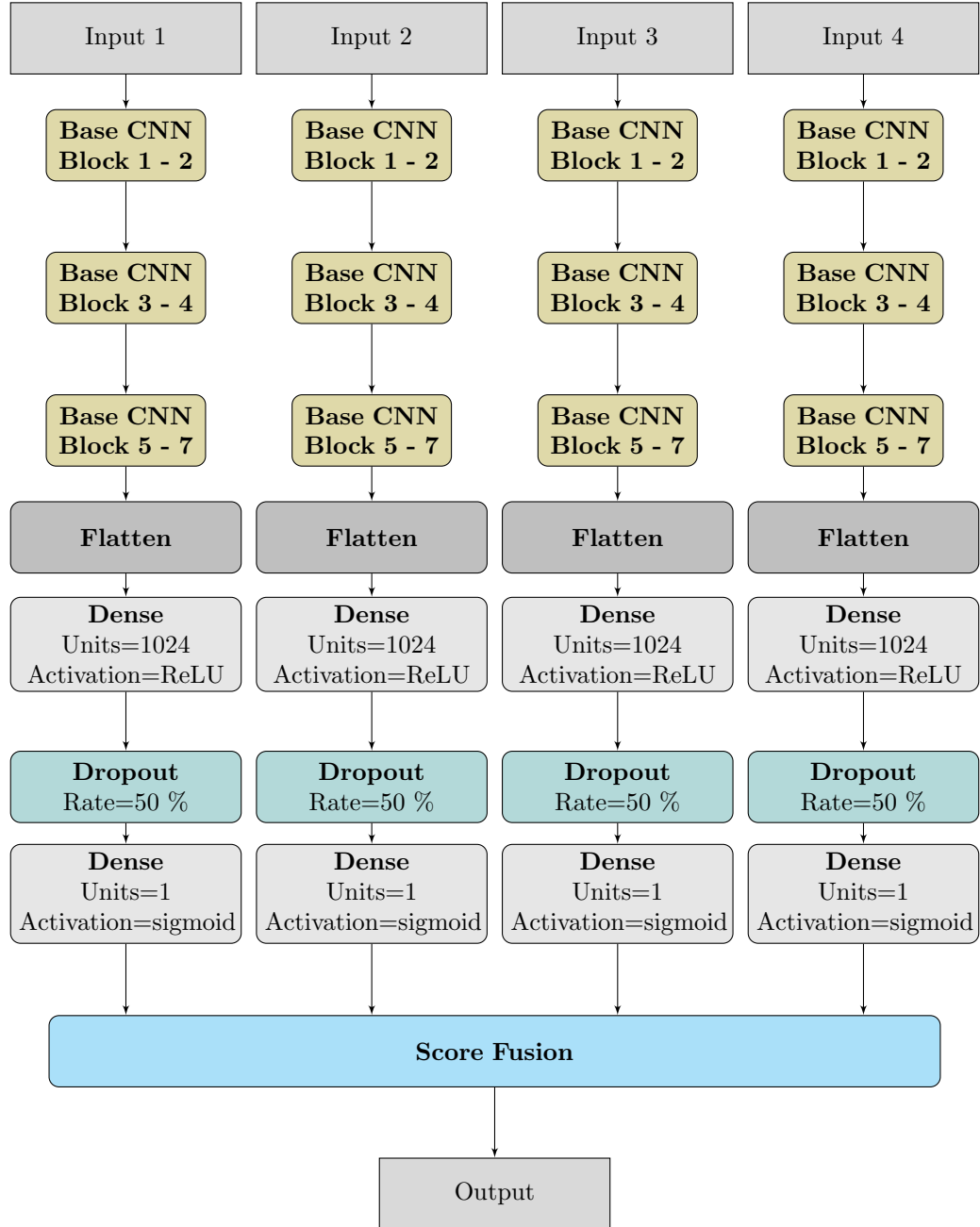


Figure 5: Visualization of the CNN approach: **Score Fusion Multi-View CNN**

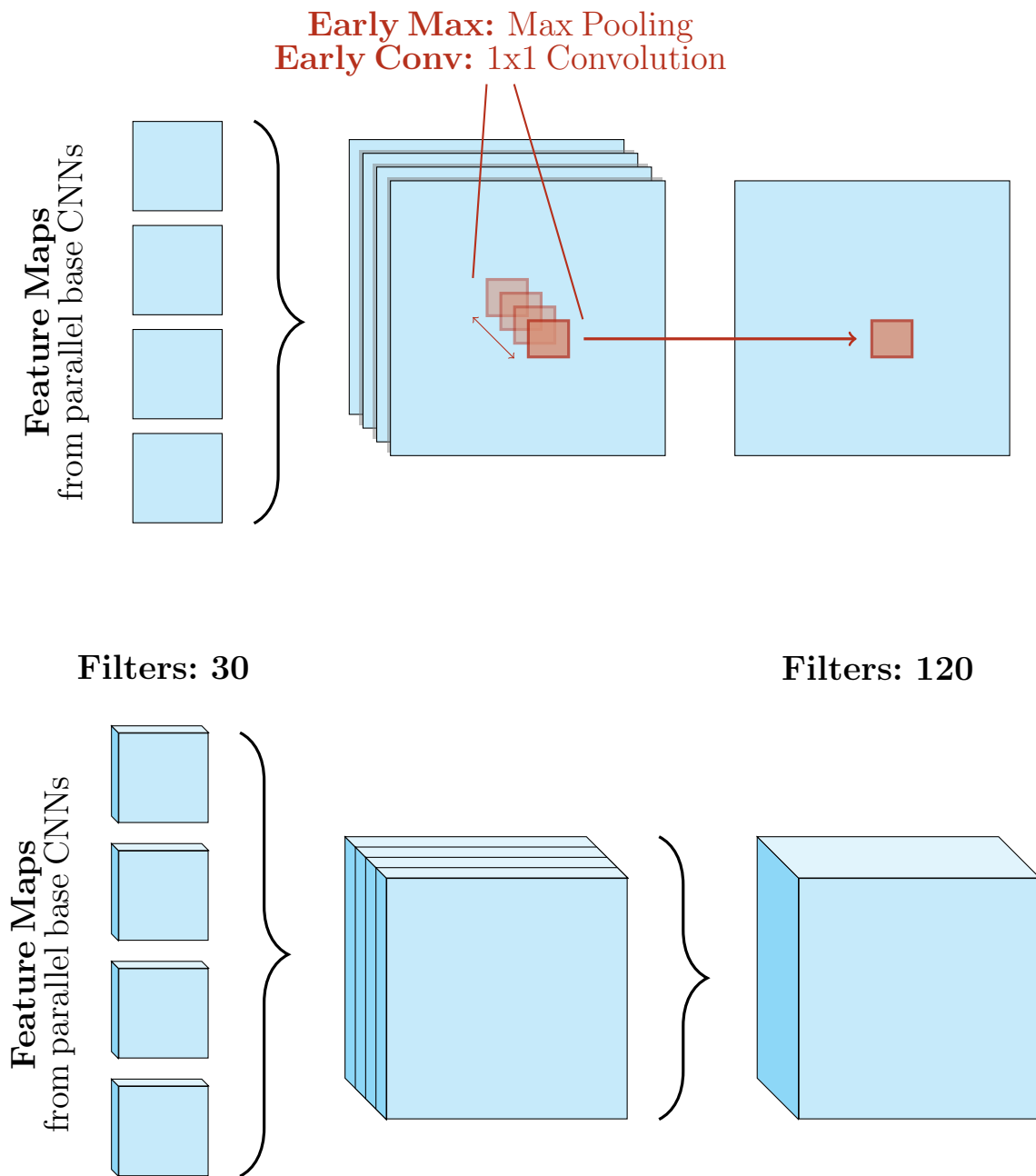


Figure 6: Visualization of the CNN approach: Fusion methods: **Early Max** and **Early Conv** (*top*) and **Early Concat** (*bottom*)

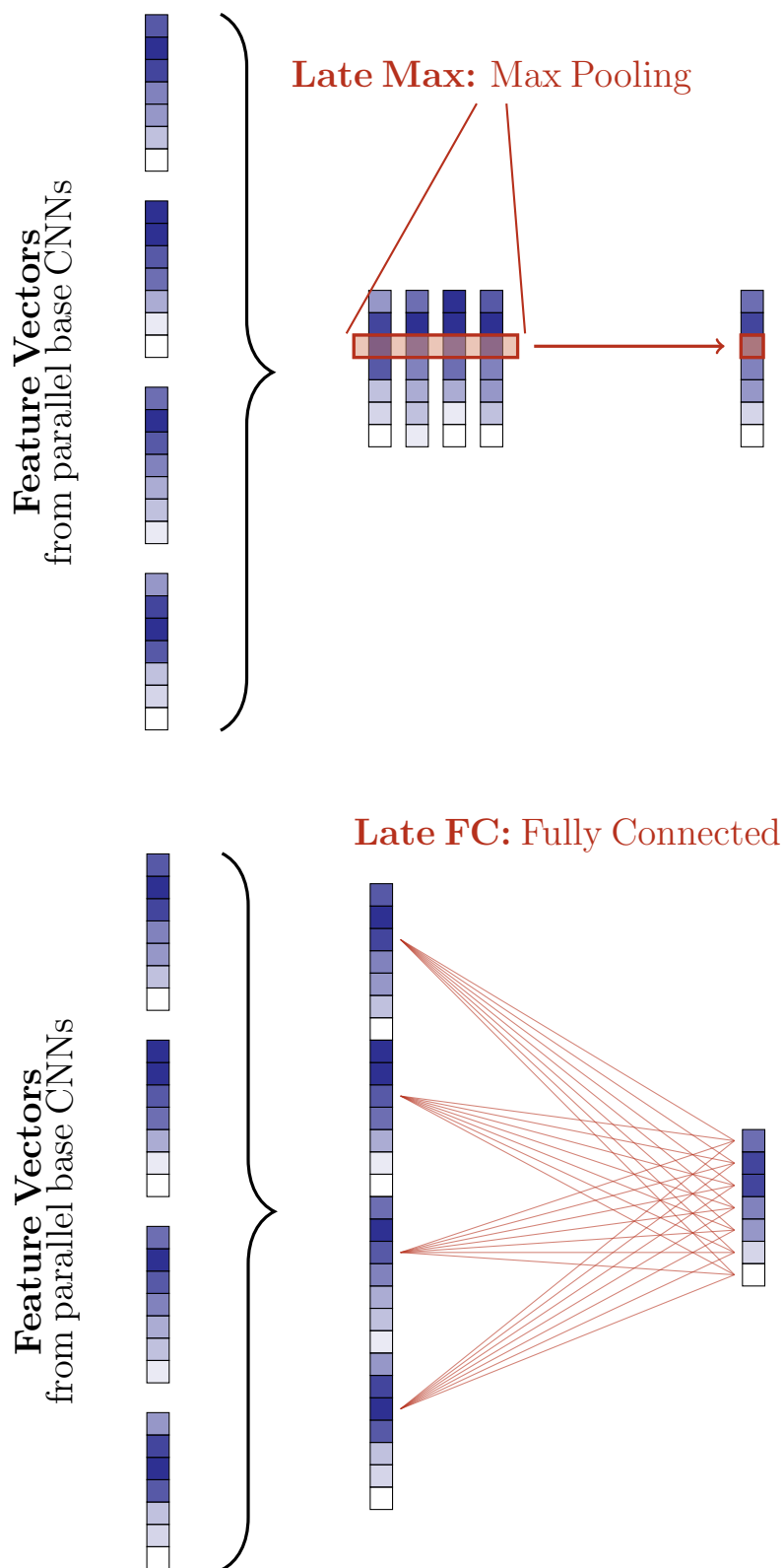


Figure 7: Visualization of the CNN approach: Fusion methods: **Late Max** (top) and **Late FC** (bottom)



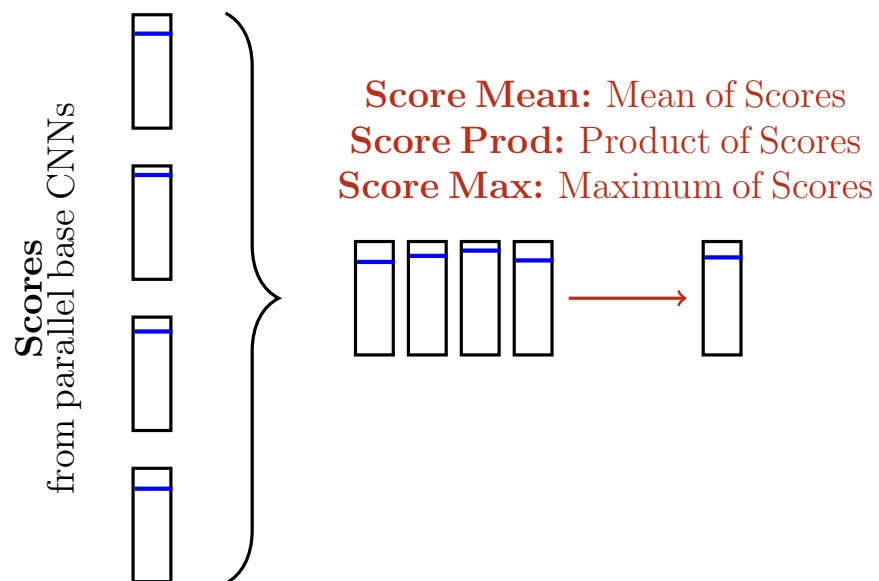


Figure 8: Visualization of the CNN approach: Fusion methods: **Score Mean**, **Score Prod** and **Score Max**.