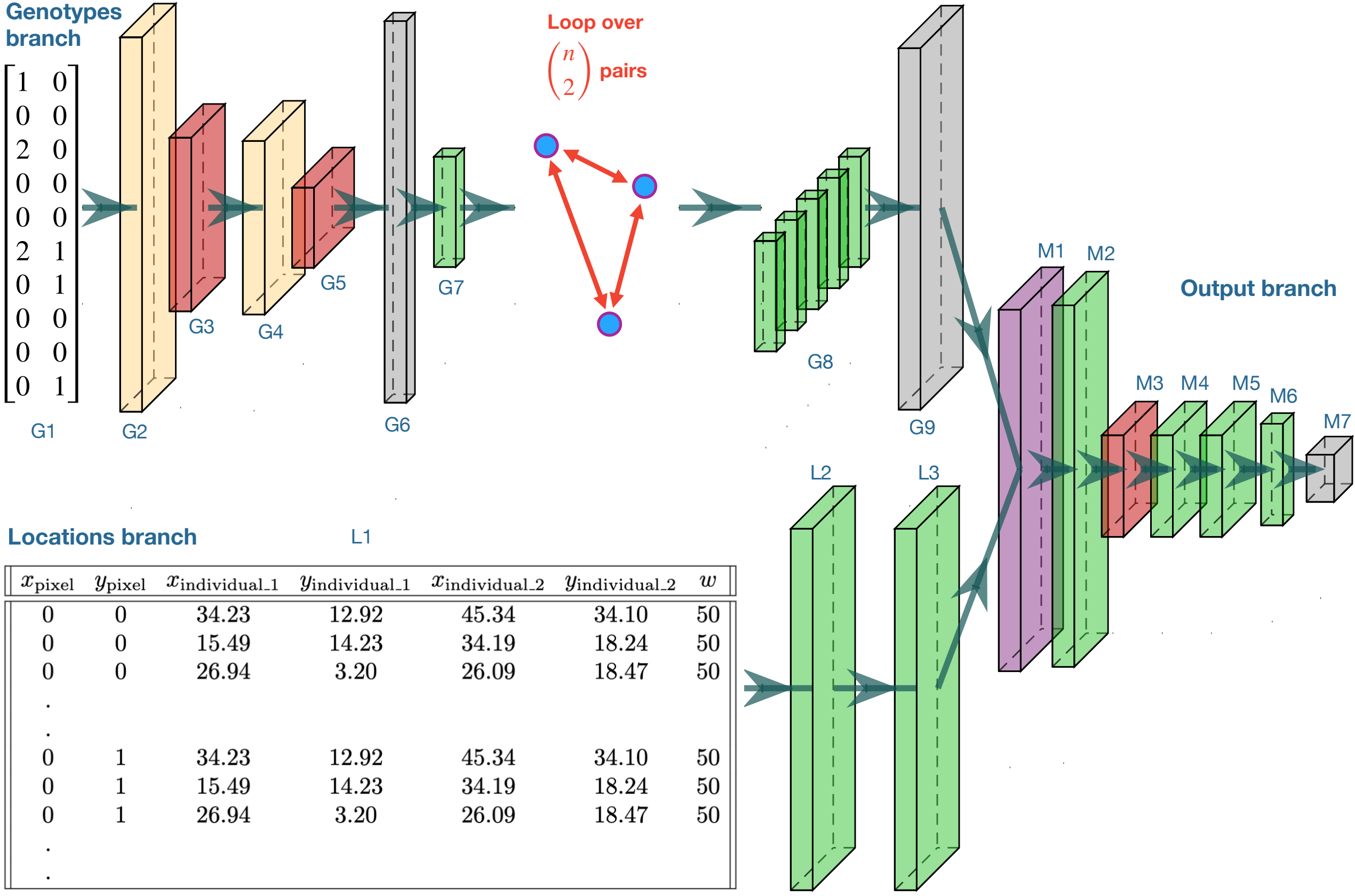


Genotypes branch

$$\begin{bmatrix} 1 & 0 \\ 0 & 0 \\ 2 & 0 \\ 0 & 0 \\ 0 & 0 \\ 2 & 1 \\ 0 & 1 \\ 0 & 0 \\ 0 & 0 \\ 0 & 1 \end{bmatrix}$$


Locations branch

x_{pixel}	y_{pixel}	$x_{\text{individual}_1}$	$y_{\text{individual}_1}$	$x_{\text{individual}_2}$	$y_{\text{individual}_2}$	w
0	0	34.23	12.92	45.34	34.10	50
0	0	15.49	14.23	34.19	18.24	50
0	0	26.94	3.20	26.09	18.47	50
.						
.						
0	1	34.23	12.92	45.34	34.10	50
0	1	15.49	14.23	34.19	18.24	50
0	1	26.94	3.20	26.09	18.47	50
.						
.						