APPENDIX C - Applicable syntaxes

Singletons	Examples (A * B = C)	2-D output [id1 id2] [id1 id2] or [id1 id2]	a) 1-D output / b) 2-D output [id1 id2] [id1]	[id1]	[id1] [id1 id2]		1-D output [id1] [id1] or [id1]	[0 id1] [id1 0] (inner product)	2-D output [id1 0] [0 id1] (outer product)
		1	2a	2b	3a	3b	4a or 4b	4b	4c
0 — ○○ ○○	6x3 * 3x4 = 6x4	●							
1 — ●○ ○○	1x3 * 3x4 = 1x4	●			●				
1 — ○● ○○	6x1 * 3x4								
1 — ○○ ●○	6x3 * 1x4								
1 — ○○ ○●	6x3 * 3x1 = 6x1	●	●						
2 — ●● ○○	1x1 * 3x4 = 3x4	●				●			
2 — ○○ ●●	6x3 * 1x1 = 6x3	●		●					
2 — ●○ ○●	1x3 * 3x1 = 1x1	●	●		●		●	●	
2 — ○● ●○	6x1 * 1x4 = 6x4	●							●
2 — ●○ ●○	1x3 * 1x4								
2 — ○● ○●	6x1 * 3x1								
3 — ●● ●○	1x1 * 1x4 = 1x4	●				●			●
3 — ●● ○●	1x1 * 3x1 = 3x1	●	●			●	●		
3 — ●○ ●●	1x3 * 1x1 = 1x3	●		●	●		●		
3 — ○● ●●	6x1 * 1x1 = 6x1	●		●					●
4 — ●● ●●	1x1 * 1x1 = 1x1	●		●		●	●	●	●