6M_Org – Cluster Validation (Original Annotations)
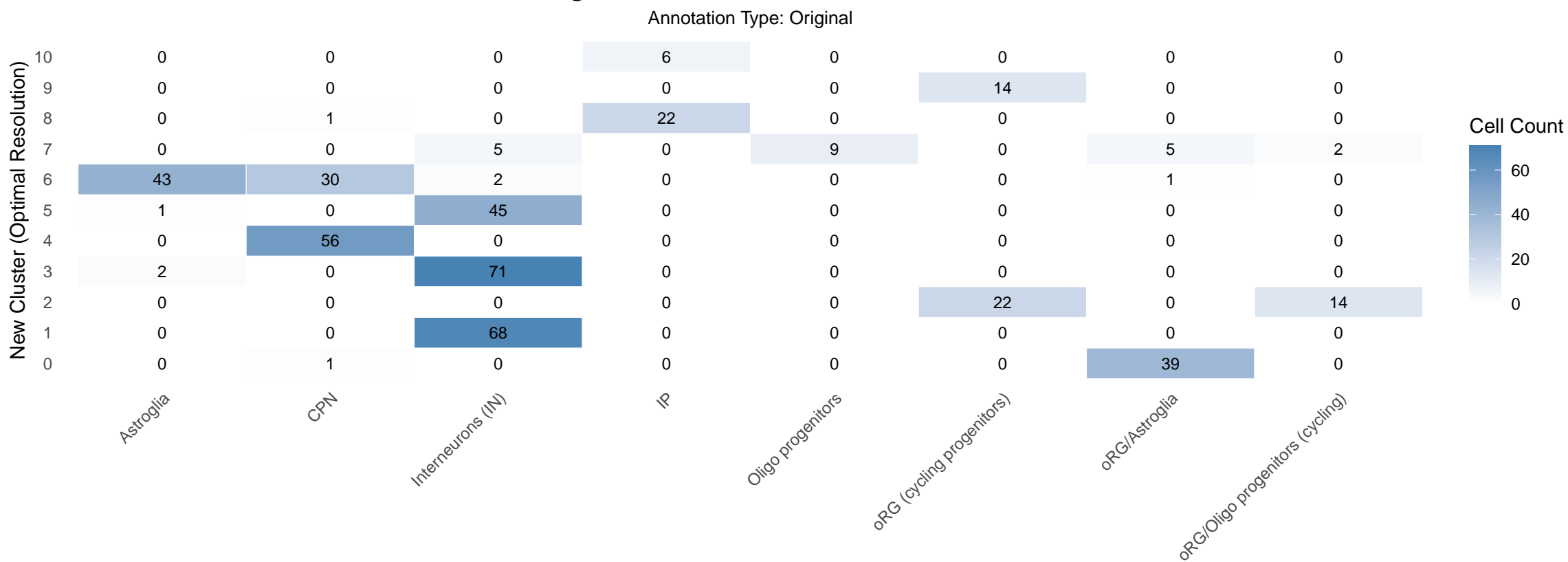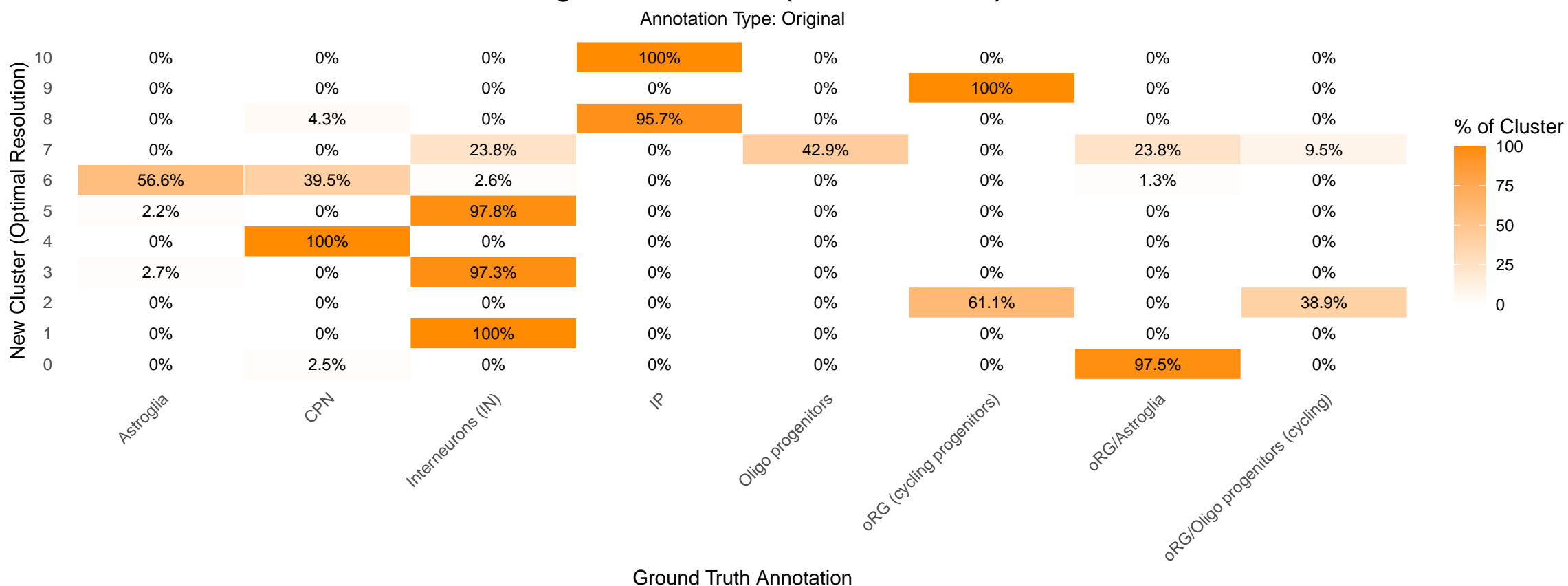
New Object: 2320 cells | Ground Truth: 2665 cells | Overlapping: 459 cells (19.8% / 17.2%)

6M_Org: Cluster vs Ground Truth Annotation

Annotation Type: Original

New Cluster (Optimal Resolution)	Astroglia	CPN	Interneurons (IN)	IP	Oligo progenitors	oRG (cycling progenitors)	oRG/Astroglia	oRG/Oligo progenitors (cycling)
10	0	0	0	6	0	0	0	0
9	0	0	0	0	0	14	0	0
8	0	1	0	22	0	0	0	0
7	0	0	5	0	9	0	5	2
6	43	30	2	0	0	0	1	0
5	1	0	45	0	0	0	0	0
4	0	56	0	0	0	0	0	0
3	2	0	71	0	0	0	0	0
2	0	0	0	0	0	22	0	14
1	0	0	68	0	0	0	0	0
0	0	1	0	0	0	0	39	0

Ground Truth Annotation

6M_Org: Row–Normalized (% of Each Cluster)

Annotation Type: Original

New Cluster (Optimal Resolution)	Astroglia	CPN	Interneurons (IN)	IP	Oligo progenitors	oRG (cycling progenitors)	oRG/Astroglia	oRG/Oligo progenitors (cycling)
10	0%	0%	0%	100%	0%	0%	0%	0%
9	0%	0%	0%	0%	0%	100%	0%	0%
8	0%	4.3%	0%	95.7%	0%	0%	0%	0%
7	0%	0%	23.8%	0%	42.9%	0%	23.8%	9.5%
6	56.6%	39.5%	2.6%	0%	0%	0%	1.3%	0%
5	2.2%	0%	97.8%	0%	0%	0%	0%	0%
4	0%	100%	0%	0%	0%	0%	0%	0%
3	2.7%	0%	97.3%	0%	0%	0%	0%	0%
2	0%	0%	0%	0%	0%	61.1%	0%	38.9%
1	0%	0%	100%	0%	0%	0%	0%	0%
0	0%	2.5%	0%	0%	0%	0%	97.5%	0%

Ground Truth Annotation

6M_Org – Cluster Validation (Simplified Annotations)
New Object: 2320 cells | Ground Truth: 2665 cells | Overlapping: 459 cells (19.8% / 17.2%)
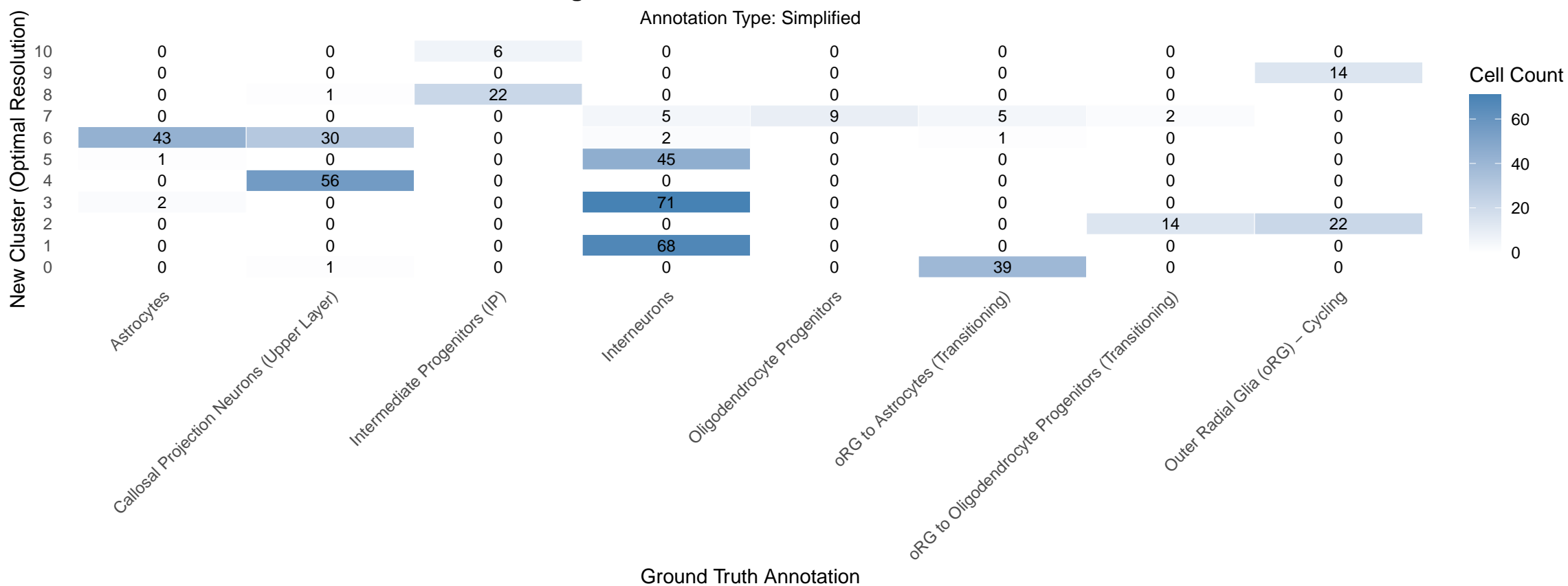### 6M_Org: Cluster vs Ground Truth Annotation

Annotation Type: Simplified

New Cluster (Optimal Resolution)	Astrocytes	Callosal Projection Neurons (Upper Layer)	Intermediate Progenitors (IP)	Interneurons	Oligodendrocyte Progenitors	oRG to Astrocytes (Transitioning)	oRG to Oligodendrocyte Progenitors (Transitioning)	Outer Radial Glia (oRG) – Cycling
10	0	0	6	0	0	0	0	0
9	0	0	0	0	0	0	0	14
8	0	1	22	0	0	0	0	0
7	0	0	0	5	9	5	2	0
6	43	30	0	2	0	1	0	0
5	1	0	0	45	0	0	0	0
4	0	56	0	0	0	0	0	0
3	2	0	0	71	0	0	0	0
2	0	0	0	0	0	0	14	22
1	0	0	0	68	0	0	0	0
0	0	1	0	0	0	39	0	0

Ground Truth Annotation

6M_Org: Row–Normalized (% of Each Cluster)

Annotation Type: Simplified

New Cluster (Optimal Resolution)	Astrocytes	Callosal Projection Neurons (Upper Layer)	Intermediate Progenitors (IP)	Interneurons	Oligodendrocyte Progenitors	oRG to Astrocytes (Transitioning)	oRG to Oligodendrocyte Progenitors (Transitioning)	Outer Radial Glia (oRG) – Cycling
10	0%	0%	100%	0%	0%	0%	0%	0%
9	0%	0%	0%	0%	0%	0%	0%	100%
8	0%	4.3%	95.7%	0%	0%	0%	0%	0%
7	0%	0%	0%	23.8%	42.9%	23.8%	9.5%	0%
6	56.6%	39.5%	0%	2.6%	0%	1.3%	0%	0%
5	2.2%	0%	0%	97.8%	0%	0%	0%	0%
4	0%	100%	0%	0%	0%	0%	0%	0%
3	2.7%	0%	0%	97.3%	0%	0%	0%	0%
2	0%	0%	0%	0%	0%	0%	38.9%	61.1%
1	0%	0%	0%	100%	0%	0%	0%	0%
0	0%	2.5%	0%	0%	0%	97.5%	0%	0%

Ground Truth Annotation