

# Typical output from the Jupyter – Python notebook for comparing two annotators.

Individual annotation's files are compared, and the agreements and disagreements highlighted.

An initial consensus output file is created, then the two annotators resolve any disagreements.

**Confusion Matrix** (comparison of two annotators and by follicle type count):

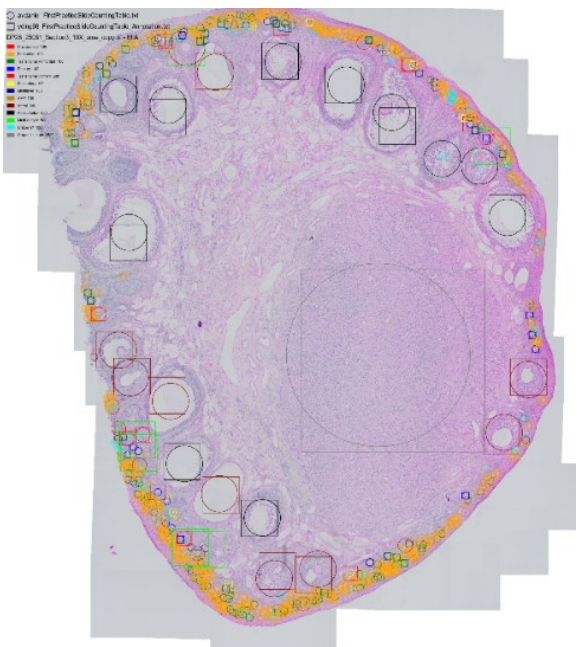
	Unclassified	Primo	Trans	Prima	Trans	Secon	Multi	AMF	Antra	Atret	Multi	Unkow	Corpu
Unclassified:	.	.	.	.	.	.	.	.	.	.	.	.	.
Primordial:	.	441	15	1	1	1	.	.	.	.	1	.	.
Transitional Primordial:	.	14	16	4	6	1	.	.	.	.	.	.	.
Primary:	.	.	.	4	2	3	.	.	.	.	.	.	.
Transitional Primary:	.	.	.	.	8	2	1	.	.	.	.	.	.
Secondary:	.	.	.	.	.	10	.	.	.	.	.	.	.
Multilayer:	.	.	.	.	.	.	5	.	.	.	.	.	.
AMF:	.	.	.	.	.	.	.	.	.	.	.	.	.
Antral:	.	.	.	.	.	.	1	.	8	2	.	.	.
Atretic Antral:	.	.	.	.	.	.	.	.	1	8	.	.	.
Multi-oocytic:	.	.	.	.	1	1	7	.	.	.	.	.	.
Unknown?:	.	6	2	.	.	3	2	.	.	.	.	.	.
Corpus Luteum:	.	.	.	.	.	.	.	.	.	.	.	.	.

MOTHER-DB.org  
J Sluka

**Counts by type by annotator:**

Follicle Type	Annot#0	Annot#1
Unclassified	0	0
Primordial	460	461
Transitional Primordial	41	33
Primary	9	9
Transitional Primary	11	18
Secondary	10	21
Multilayer	5	16
AMF	0	0
Antral	11	9
Atretic Antral	9	10
Multi-oocytic	9	1
Unknown?	13	0
Corpus Luteum	1	1
PIE	0	0

**Full comparison image:**



**Comparison detail:**

Circles vs squares denote the two different annotators. Colors indicate follicle type.

