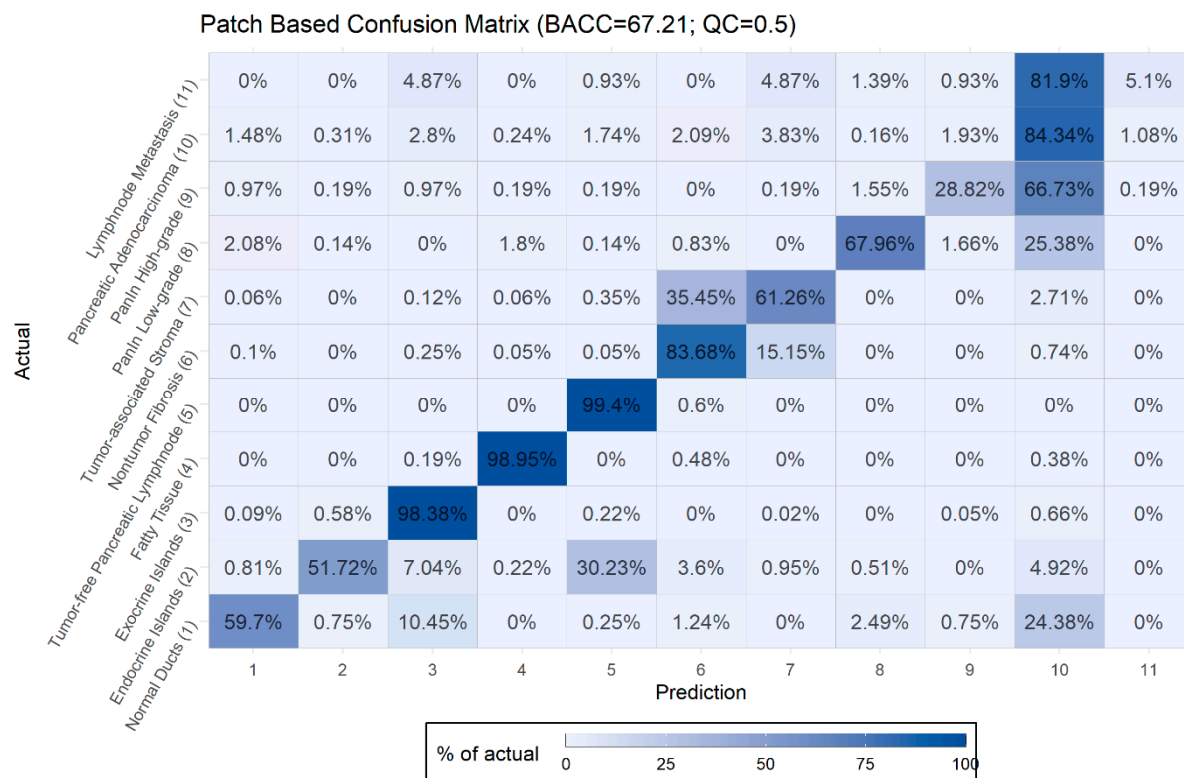


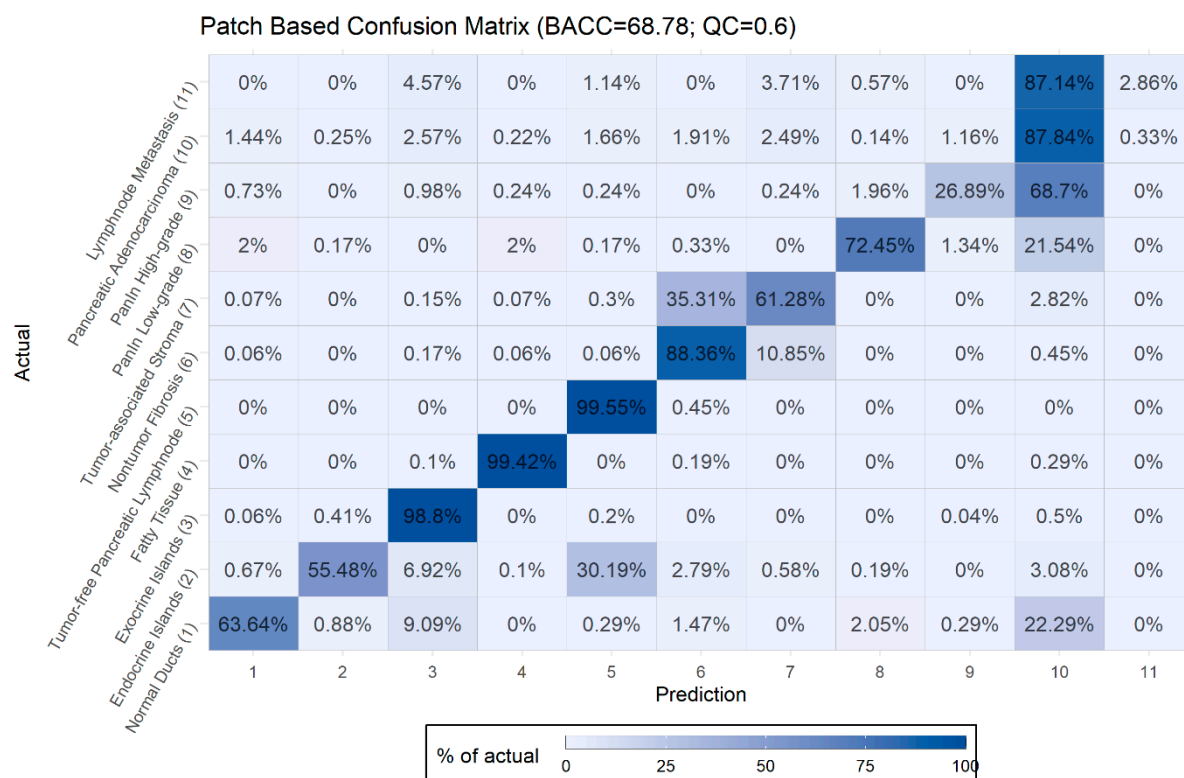
**Suppl. Figure 1.: Validation and test non-aggregated confusion matrices for all classes for the B2 EfficientNet model and various quality control (QC) limits.**

**Test set**

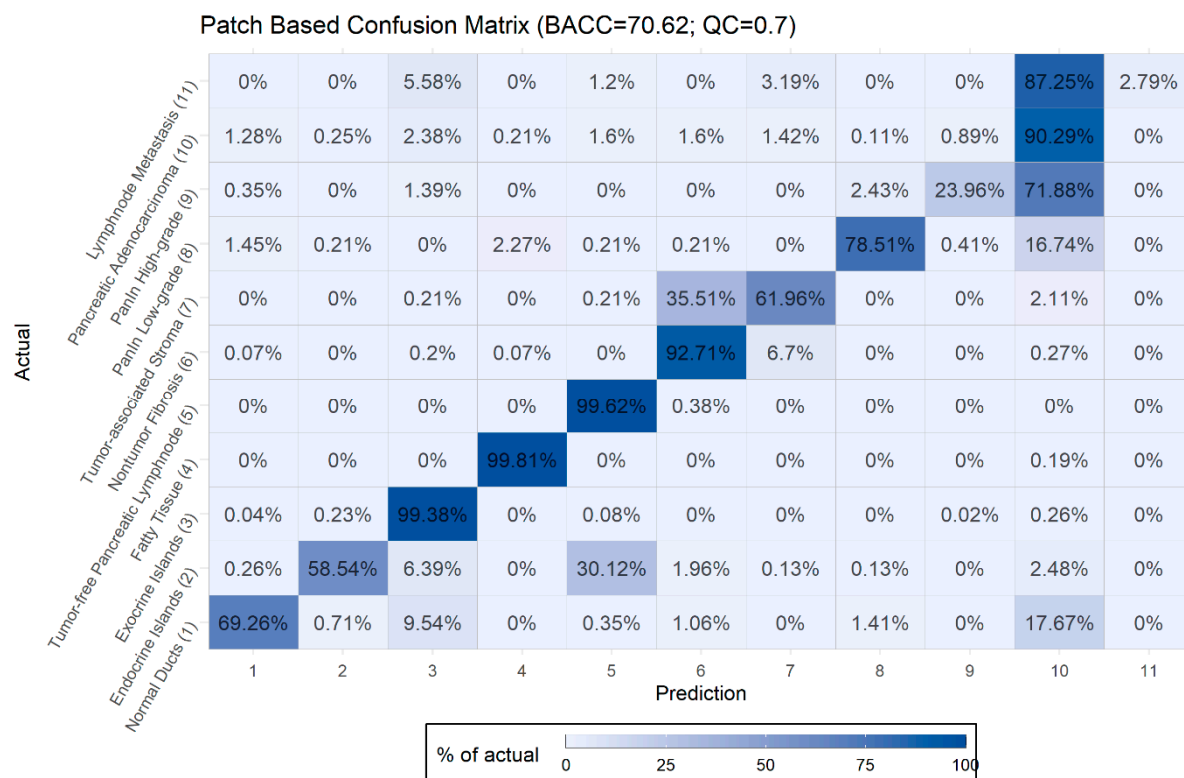
**QC 0.5:**



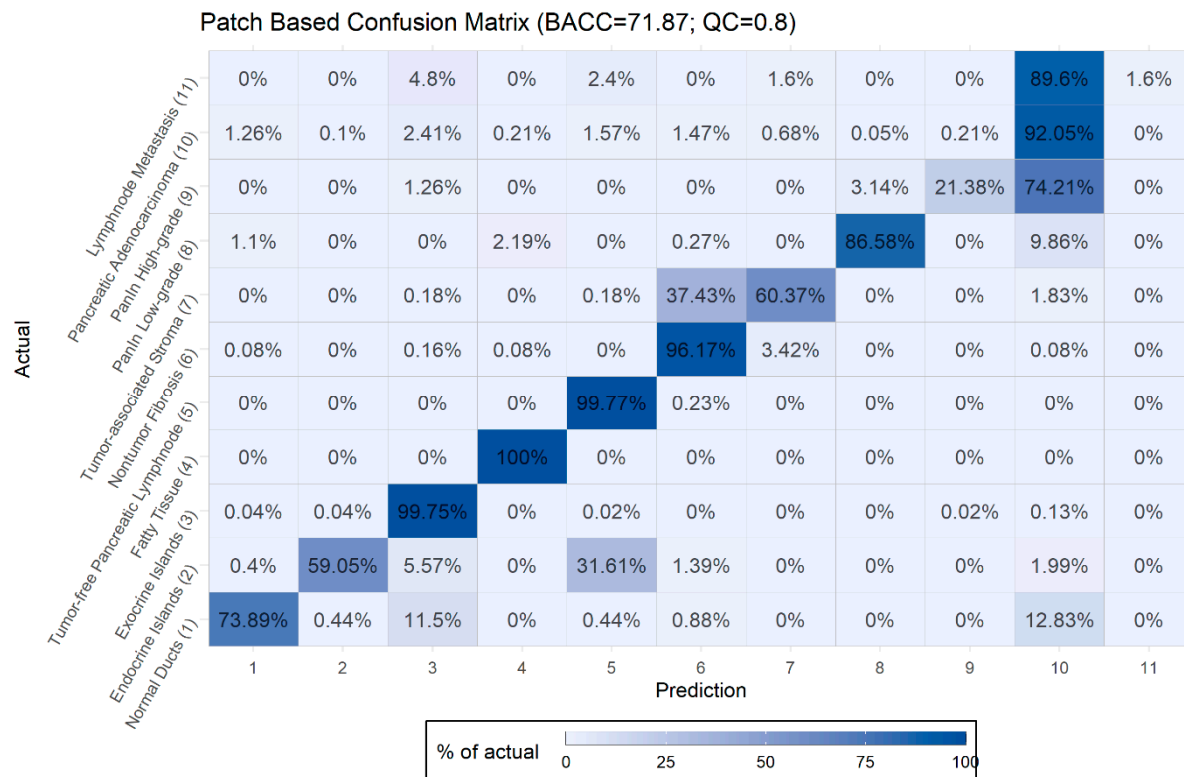
**QC 0.6**



QC 0.7

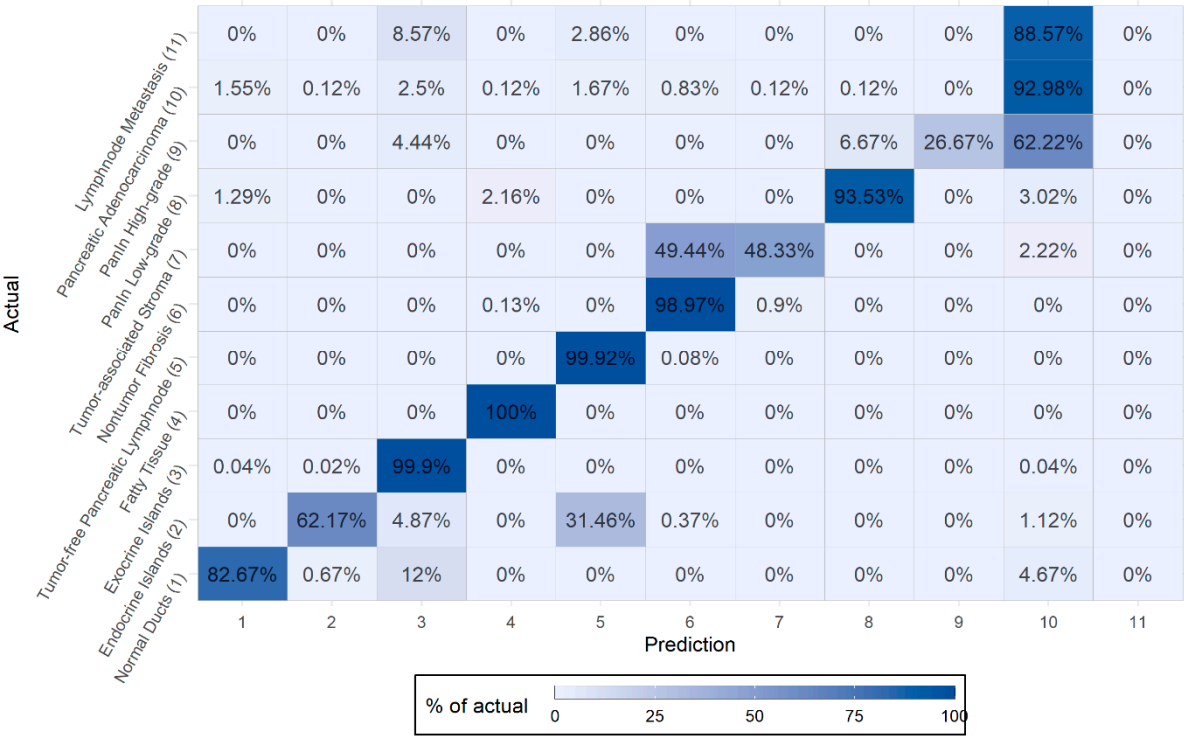


QC 0.8



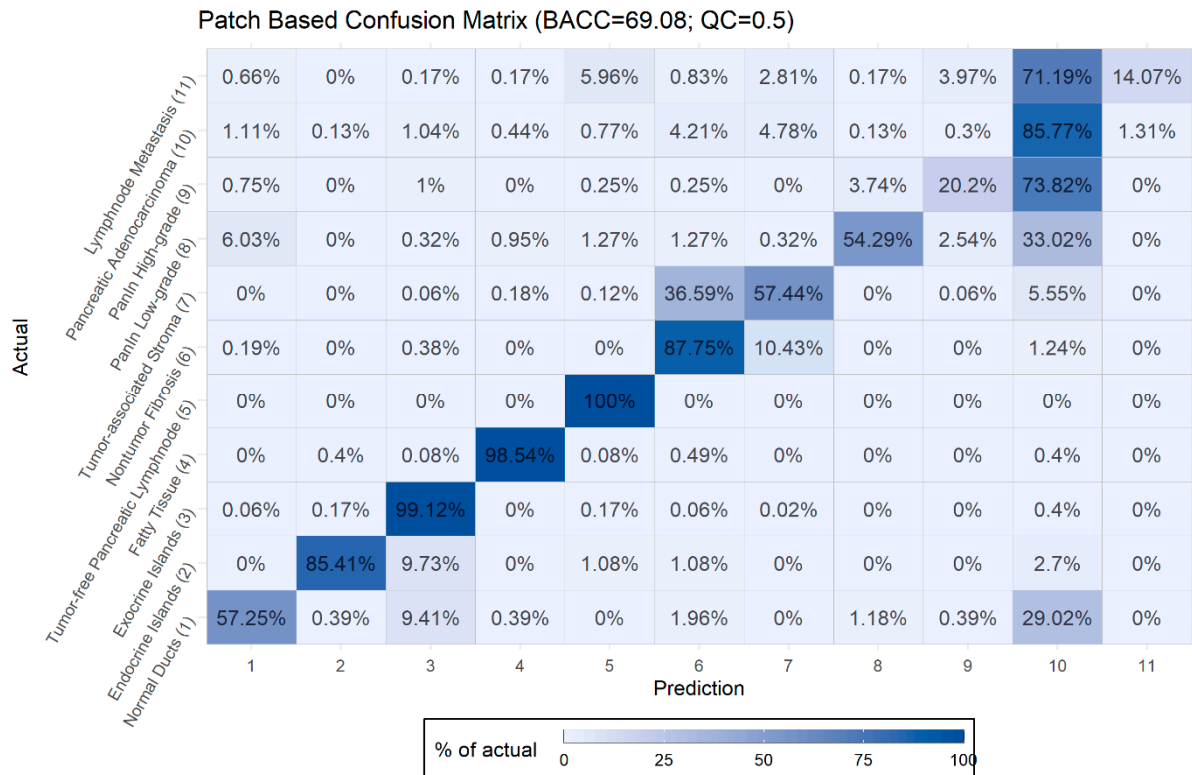
QC 0.9

Patch Based Confusion Matrix (BACC=73.2; QC=0.9)

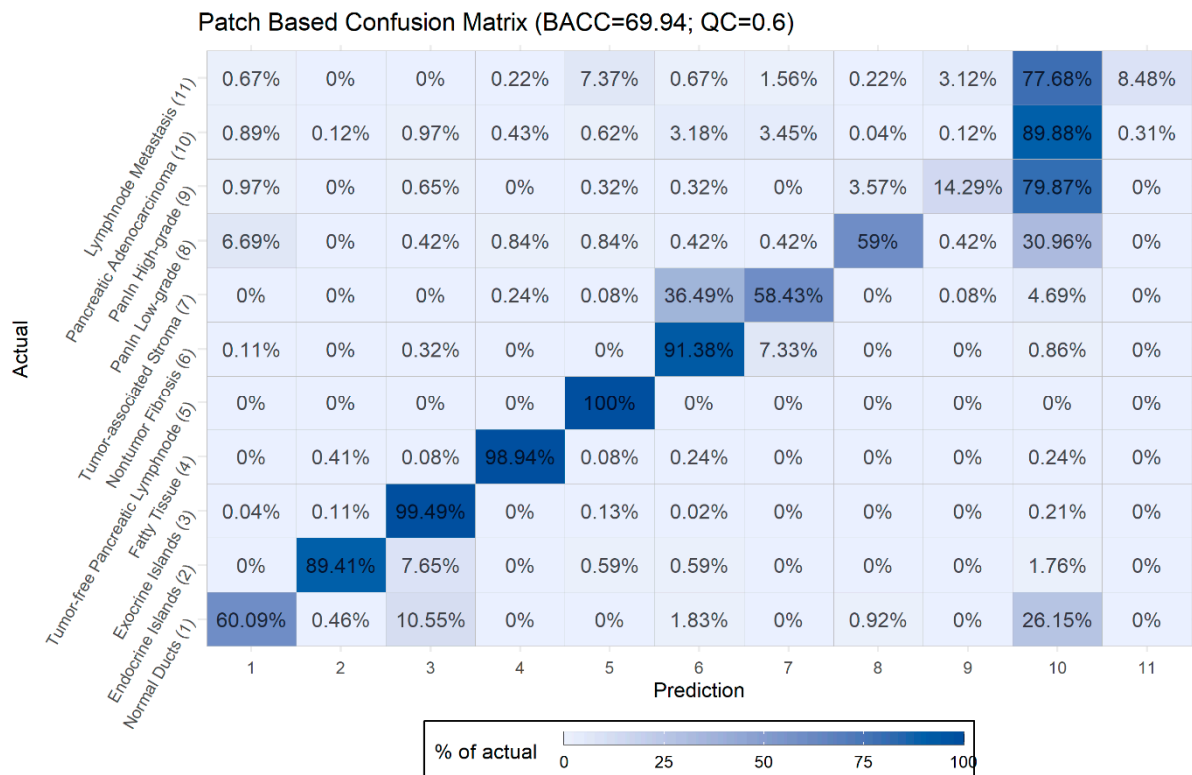


## Validation set

QC 0.5

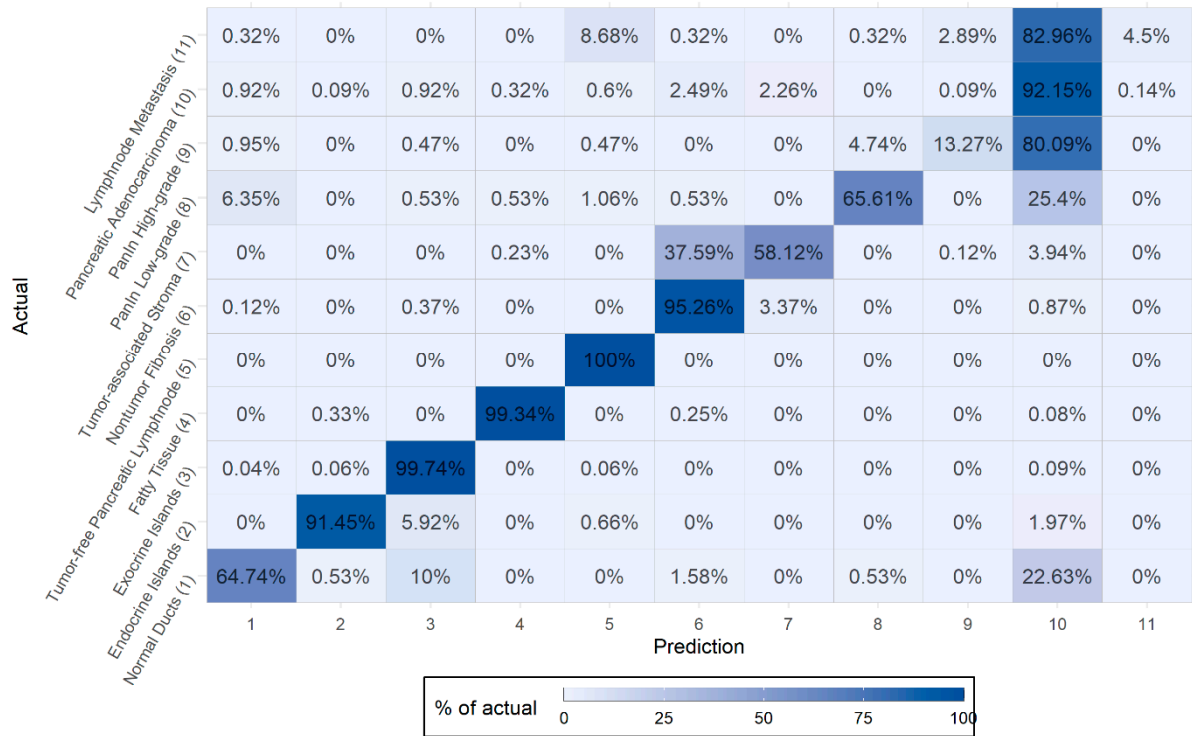


QC 0.6



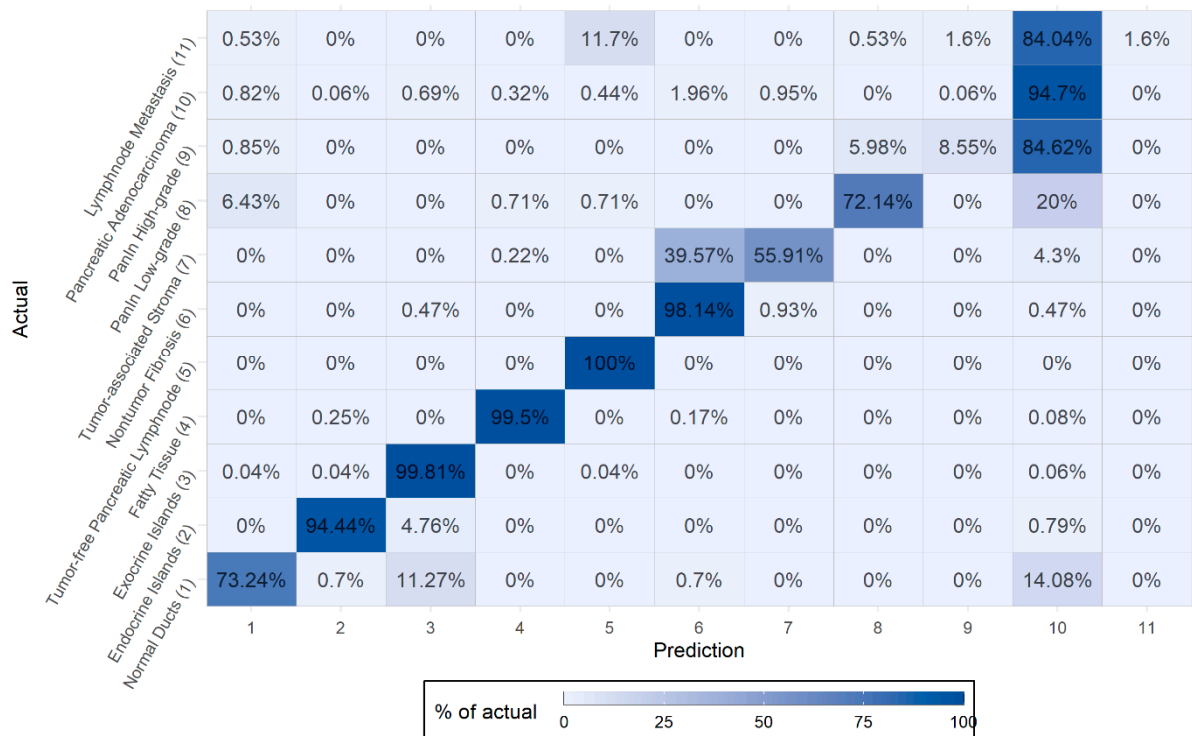
QC 0.7

Patch Based Confusion Matrix (BACC=71.29; QC=0.7)



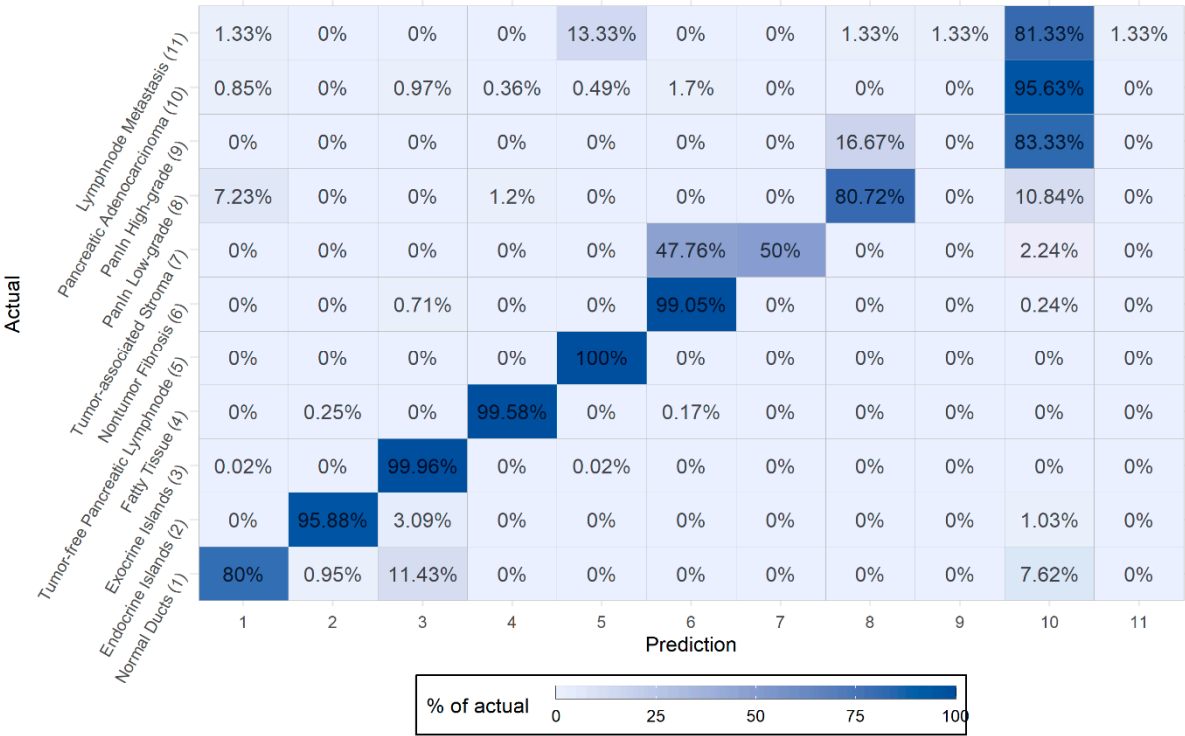
QC 0.8

Patch Based Confusion Matrix (BACC=72.55; QC=0.8)



QC 0.9

Patch Based Confusion Matrix (BACC=72.92; QC=0.9)



Suppl. Table 1

	Class	Slide_ 1_n	Slide_ 1_perc	Slide_ 2_n	Slide_ 2_perc	Slide_ 3_n	Slide_ 3_perc	Slide_ 4_n	Slide_ 4_perc
1	Fatty Tissue	437	1,28	1097	2,04	1140	2,35	393	1,1
2	Tumor-free Pancreatic Lymphnode	315	0,92	2092	3,89	927	1,91	5642	15,8
3	Exocrine Islands	7965	23,34	2395	4,46	19	0,04	524	1,47
4	Endocrine Islands	96	0,28	348	0,65	171	0,35	104	0,29
5	Nontumor Fibrosis	1362	3,99	9662	17,99	6010	12,37	4404	12,33
6	Tumor- associated Stroma	166	0,49	2227	4,15	7488	15,41	2171	6,08
7	Normal Ducts	101	0,3	182	0,34	19	0,04	42	0,12
8	PanIN Low- grade	59	0,17	242	0,45	30	0,06	65	0,18
9	PanIN High- grade	10	0,03	18	0,03	48	0,1	22	0,06
10	Pancreatic Adenocarcinoma	211	0,62	1495	2,78	2341	4,82	1929	5,4
11	Lymph node Metastasis	0	0	1	0	11	0,02	4	0,01
12	Empty	22200	65,05	31946	59,48	28676	59,01	17586	49,24
13	Multiple predictions	0	0	9	0,02	1	0	1	0
14	QC Failed	1206	3,53	1996	3,72	1713	3,53	2830	7,92