

Scenario 1 : Line-of-sight classification 125 epochs Resnet34 (Stack alu)					Scenario 1 : Line-of-sight classification 80 epochs Resnet34					Scenario 2 : Geometry + quantity (hardest configuration) 125 epochs Resnet34 25 cm				
#	Round	Precision	Recall	F1-score	Round	Precision	Recall	F1-score	#	Round	Precision	Recall	f1-score	
	1	0.8366	0.8153	0.8144	1	0.8345	0.8323	0.8265	1	0.6585	0.6542	0.6481		
	2	0.8377	0.8355	0.8363	2	0.8345	0.8323	0.8265	2	0.7055	0.6531	0.6437		
	3	0.8178	0.811	0.8097	3	0.8121	0.811	0.8111	3	0.7063	0.6814	0.6822		
	4	0.821	0.8121	0.8118	4	0.7968	0.7739	0.7778	4	0.7063	0.6814	0.6822		
	5	0.8127	0.8079	0.809	5	0.8145	0.7951	0.7981	5	0.7063	0.6814	0.6822		
	6	0.8127	0.8079	0.809	6	0.5205	0.6178	0.559	6	0.7063	0.6814	0.6822		
	7	0.8136	0.8121	0.8127	7	0.8239	0.8153	0.8172	7	0.6802	0.6655	0.6499		
	8	0.7871	0.7686	0.7688	8	0.8145	0.81	0.8095	8	0.6644	0.6706	0.6651		
	9	0.8406	0.8386	0.8394	9	Error			9	0.6644	0.6706	0.6651		
	10	0.8406	0.8386	0.8394	10	Error			10	0.6644	0.6706	0.6651		
AVERAGE		0.82204	0.81476	0.81505	AVERAGE	0.7814125	0.7859625	0.7782125	AVERAGE		0.68626	0.67102	0.66658	
MIN		0.7871	0.7686	0.7688	MIN	0.5205			MIN		0.6585	0.6531	0.6437	
MAX		0.8406	0.8386	0.8394	MAX				MAX		0.7063	0.6814	0.6822	
VARIANCE		0.000292416	0.000424476	0.000432756111	VARIANCE				VARIANCE		0.0004217504	0.0001066016	0.0002125736	
Scenario 2B : Oxide geometry only Resnet 34 120 epochs 5cm					Scenario 2C: Quantify spread only 5cm Resnet34 120 epochs					Scenario 3: Internal quantification Resnet34 80 epochs				
Round		Precision	Recall	F1-score	Round	Precision	Recall	F1-score	Round		Precision	Recall	F1-score	
	1	0.978	0.9777	0.9777	1	0.583	0.5736	0.577	1	0.9259	0.9257	0.9254		
	2	0.978	0.9777	0.9777	2	0.583	0.5736	0.577	2	0.9331	0.9326	0.9327		
	3	0.96	0.9595	0.9596	3	0.583	0.5736	0.577	3	0.9331	0.9326	0.9327		
	4	0.9563	0.9553	0.9555	4	0.5462	0.5254	0.5307	4	0.9223	0.9188	0.9184		
	5	0.9756	0.9749	0.9749	5	0.5091	0.5051	0.4902	5	0.9346	0.9342	0.9343		
	6	0.9756	0.9749	0.9749	6	0.5051	0.5051	0.4959	6	0.9346	0.9342	0.9343		
	7	0.9724	0.9721	0.9721	7	0.5051	0.5051	0.4959	7	0.9319	0.9315	0.9315		
	8	0.9741	0.9735	0.9735	8	0.5404	0.533	0.5316	8	0.9378	0.9374	0.9375		
	9	0.9741	0.9735	0.9735	9	0.5489	0.5508	0.5468	9	0.9378	0.9374	0.9375		
	10	0.9741	0.9735	0.9735	10	0.5134	0.5152	0.5022	10	0.9305	0.9289	0.9294		
AVERAGE		0.97182	0.97126	0.97129	AVERAGE	0.54172	0.53605	0.53243	AVERAGE		0.93216	0.93133	0.93137	
MIN		0.9563	0.9553	0.9555	MIN	0.5051	0.5051	0.4902	MIN		0.9223	0.9188	0.9184	
MAX		0.978	0.9777	0.9777	MAX	0.583	0.5736	0.577	MAX		0.9378	0.9374	0.9375	
VARIANCE		0.0000501476	0.0000518224	0.0000509529	VARIANCE	0.0009733616	0.0007878725	0.0011535741	VARIANCE		0.0000216524	0.0000288021	0.0000303621	

Scenario 4: Oxide geometry + quantity 5 cm					Scenario 4B : Oxide quantification - Spread and 25cm 120 epochs Resnet34										
#	Round	Precision	Recall	F1-score	#	Round	Precision	Recall	F1-score						
	1	0.749	0.7458	0.7453		1	0.8207	0.8165	0.8159						
	2	0.7343	0.743	0.738		2	0.8207	0.8165	0.8159						
	3	0.7611	0.7542	0.752		3	0.8207	0.8165	0.8159						
	4	0.765	0.764	0.7639		4	0.8357	0.8348	0.8341						
	5	0.7325	0.7304	0.7231		5	0.8263	0.8262	0.8261						
	6	0.7325	0.7304	0.7231		6	0.8257	0.8219	0.8187						
	7	0.7395	0.7374	0.7339		7	0.8257	0.8219	0.8187						
	8	0.7294	0.7081	0.6887		8	0.8297	0.8294	0.8295						
	9	0.7336	0.7416	0.7317		9	0.8272	0.8262	0.8263						
	10	0.7336	0.7416	0.7317		10	0.8297	0.8294	0.8295						
AVERAGE		0.74105	0.73965	0.73314	AVERAGE		0.82621	0.82393	0.82306						
MIN		0.7294	0.7081	0.6887	MIN		0.8207	0.8165	0.8159						
MAX		0.765	0.764	0.7639	MAX		0.8357	0.8348	0.8341						
VARIANCE		0.0001479705	0.0002032865	0.0003654604	VARIANCE		0.0000207009	0.0000362161	0.0000416384						