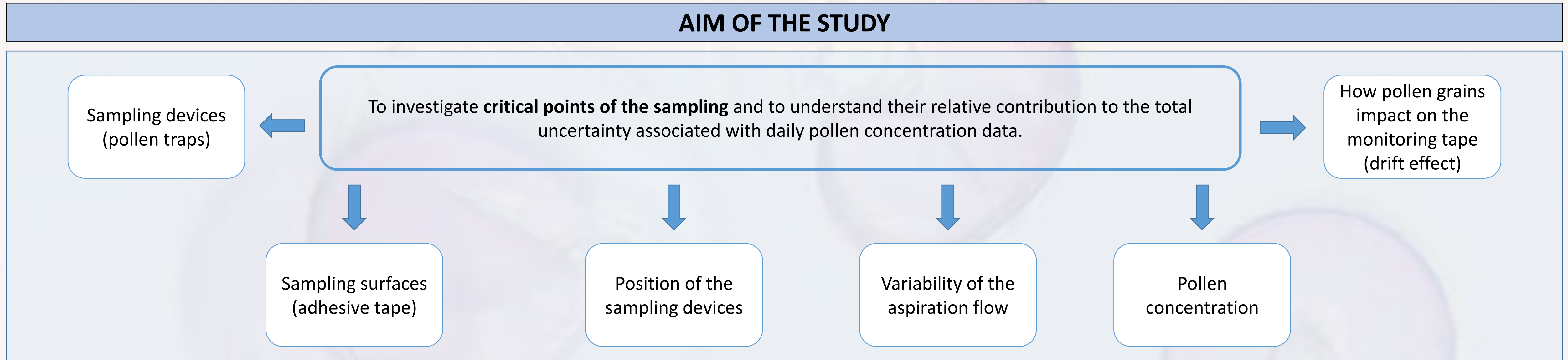
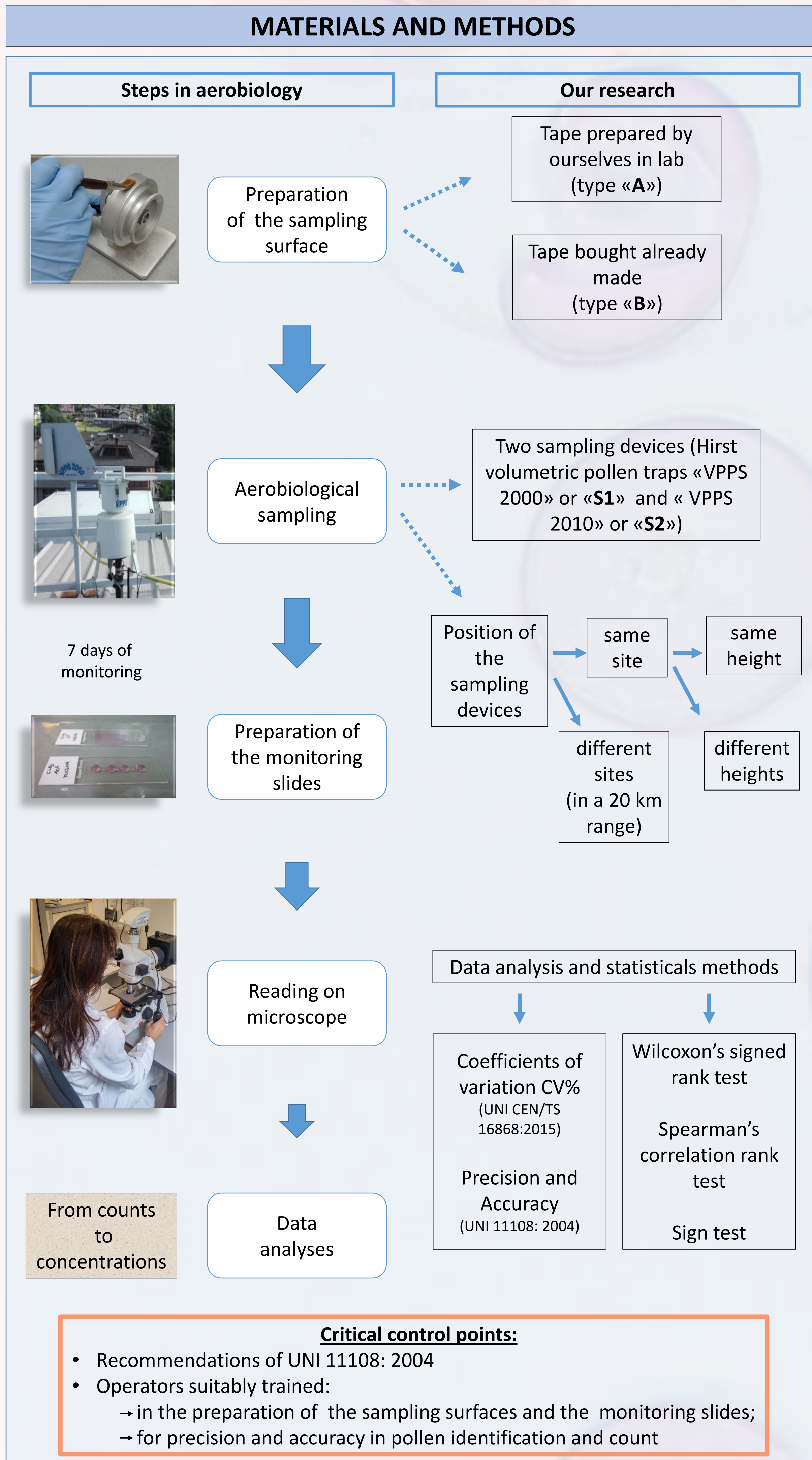


AIM OF THE STUDY



MATERIALS AND METHODS



RESULTS

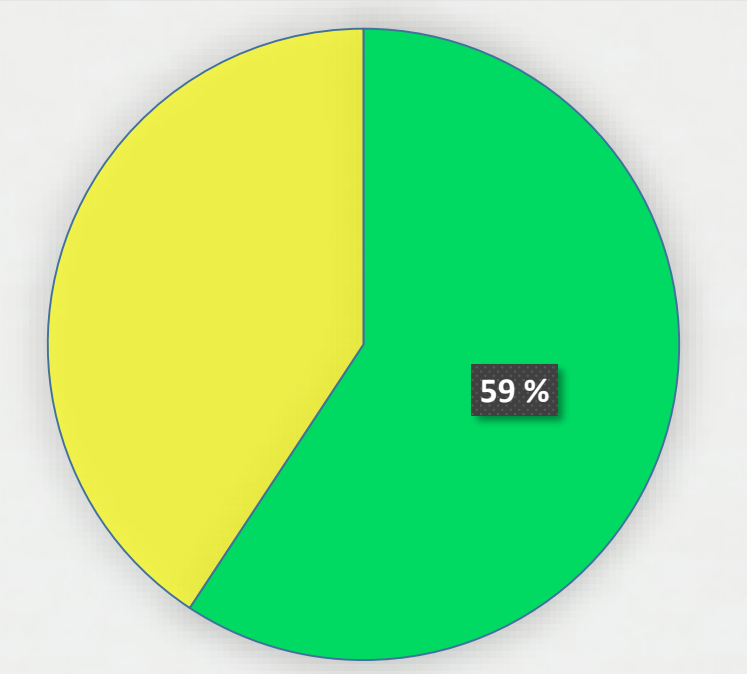
	Total data	% S1 < S2	% S1 > S2	% S1 = S2	% data ≤ CV%	% data ≤ Precision and Accuracy	Spearman's correlation test	Wilcoxon's signed test (-1,96 < Z _w < 1,96)	Sign test** (< 3,84)
Same site	221	48,87	48,87	2,26	31	59	0,75 (0,045*)	-0,82*	0**
Different heights	58	86,21	12,07	1,72	38	48	0,9 (0,057 NS)	-5,78	32,44
Different sites	243	18,93	76,13	4,94	28	48	0,49 (0,056 NS)	10,20	83,64
Different tapes 1	192	42,19	53,13	4,69	52	71	0,93 (0,027*)	1,92*	2,41**
Different tapes 2	313	65,81	30,03	4,15	29	62	0,82 (0,033*)	-7,24	41,81

1 (S1 + A and S2 + B) 2 (S1 + B and S2 + A)

*p < 0,05; NS non-significant; Acceptability -1,96 < Z_w < 1,96; **No difference if < 3,84

There is a considerable part of the uncertainty that is not explained by the factors usually taken into account (UNI 11108:2004)

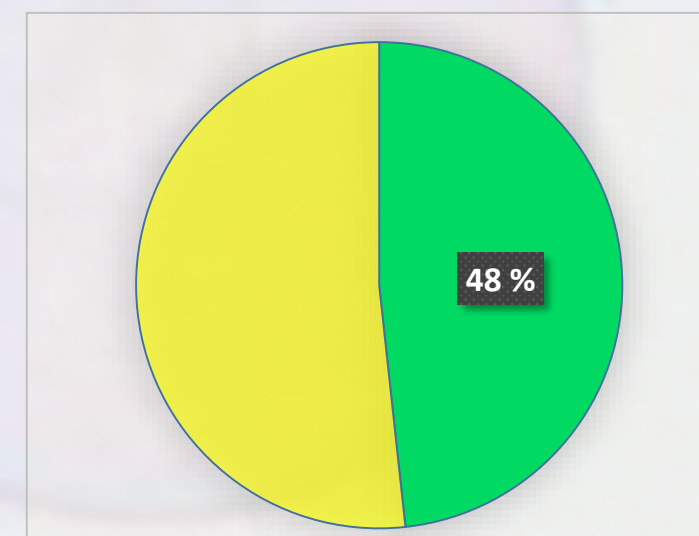
At the same position and tape



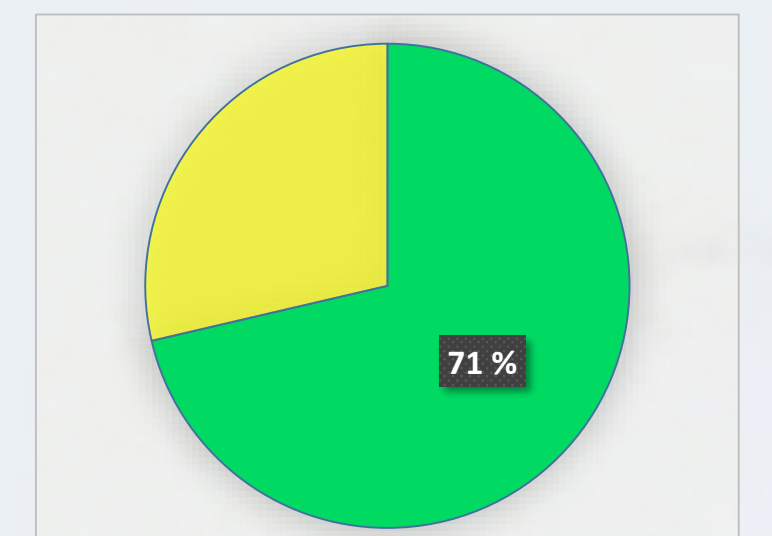
POSITION

TAPE

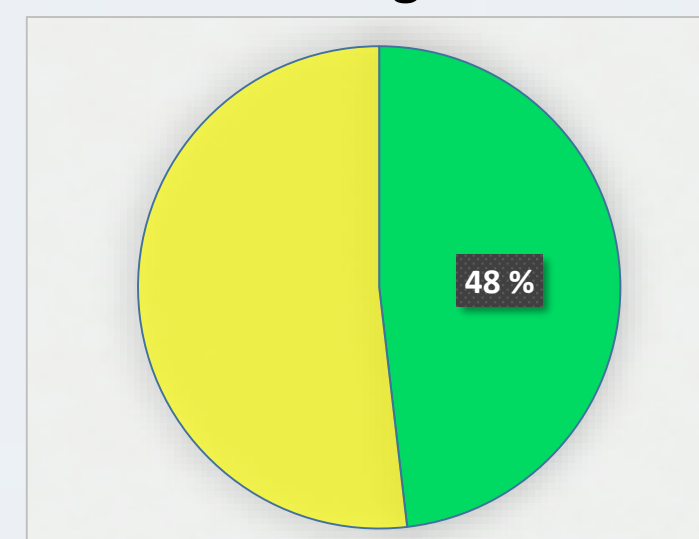
Same site but different heights



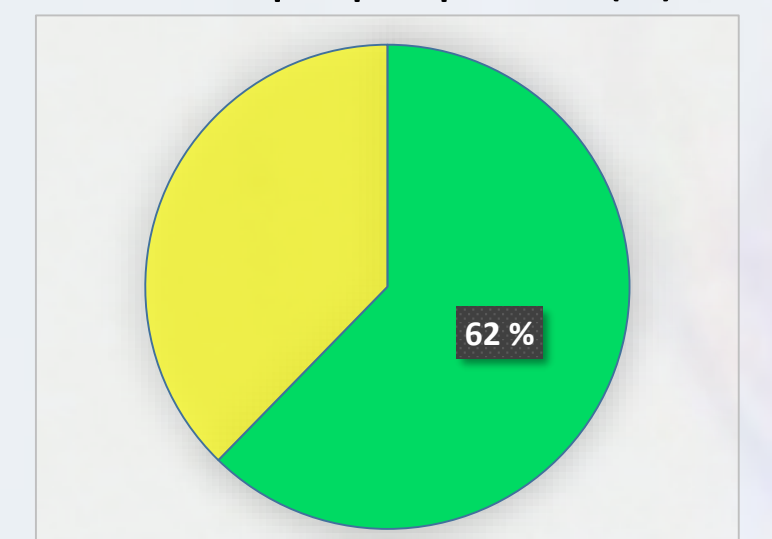
S1+ tape prepared (A)
S2 + tape already made (B)



Different sites in a 20 km range



S1+ tape already made (B)
S2 + tape prepared (A)



■ Variability associated with the technical steps of the analytical procedure

■ Variability NOT associated (sampling?)

CONCLUSIONS

