

		<i>Triturus marmoratus</i>			<i>Lissotriton helveticus</i>			<i>Hyla arborea</i>			<i>Rana temporaria</i>		
		SEN	SPE	AUC	SEN	SPE	AUC	SEN	SPE	AUC	SEN	SPE	AUC
CS.0	s2	0,63	0,41	0,58	0,69	0,29	0,53	0,82	0,43	0,68	0,71	0,87	0,87
	s3	0,65	0,45	0,61	0,64	0,34	0,54	0,78	0,49	0,68	0,86	0,84	0,88
CS.2 + ABS	s2	0,59	0,78	0,81	0,67	0,76	0,80	0,71	0,61	0,73	0,64	0,88	0,86
	s3	0,58	0,87	0,81	0,62	0,88	0,86	0,68	0,64	0,74	0,82	0,84	0,86
CS.2 + ABS + SUP	s2	0,58	0,82	0,82	0,51	0,77	0,68	0,63	0,56	0,63	0,59	0,91	0,85
	s3	0,62	0,78	0,81	0,49	0,78	0,74	0,57	0,54	0,63	0,76	0,86	0,85
PRO	s2	0,58	0,83	0,85	0,41	0,76	0,61	0,59	0,39	0,51	0,50	0,95	0,71
	s3	0,79	0,77	0,83	0,37	0,79	0,64	0,51	0,33	0,54	0,50	0,92	0,71
STRAT_CS	s2	0,71	0,72	0,81	0,67	0,81	0,82	0,72	0,64	0,73	0,79	0,57	0,69
	s3	0,70	0,69	0,78	0,68	0,82	0,88	0,71	0,63	0,75	0,95	0,60	0,79
STRAT_ALL	s2	0,80	0,74	0,87	0,66	0,76	0,78	0,68	0,62	0,70	0,84	0,57	0,73
	s3	0,78	0,70	0,83	0,71	0,83	0,89	0,66	0,60	0,72	0,96	0,58	0,81

Table 2. Model performance according to different filters and complementary fieldwork applied to the external evaluation dataset. External datasets used were (see Figure 1): *CS.0* (all data from the standardized citizen science dataset); *CS.2 + ABS* (*CS.2* with 10% supplementary absence cells in very unfavourable habitats); *PRO* (data collected by professionals only in 2018-2019); *CS.2 + ABS + SUP* (citizen science data cited before adding all complementary fieldwork by professionals and volunteers); *STRAT_CS* (stratified data selection from *CS.2+ABS* with complementary fieldwork by volunteers); *STRAT_ALL* (stratified data selection from *CS.2+ABS+SUP*). Models assessed: s2 (random pseudo-absence selection excluding known presence points) and s3 (random pseudo-absence selection constrained to account sampling effort and correct sampling bias). SEN: sensitivity, SPE: specificity. Bold values show best values between s2 et s3 with delta > 0.02 and grey cells show species with less than 2 presence data. All analyses with a random sampling in presence selection with a distance condition or a stratified random selection were performed using 100 bootstraps (mean calculation).