

**Table 4.** Contingency table of skin sensitization potency predictions of the SENS-IS for 126 substances compared to human reference data categories (grey indicates concordant predictions).

	Human categories					
	1	2	3	4	5	6
SENS-IS						
Extreme	3	0	0	1	0	0
Strong	2	12	4	1	0	0
Moderate	0	7	16	10	2	0
Weak	1	3	6	14	17	2
NS	0	1	2	3	6	13
Sum ( $n = 126$ )	6	23	28	29	25	15