

# Report for PSM Section in mzTab File

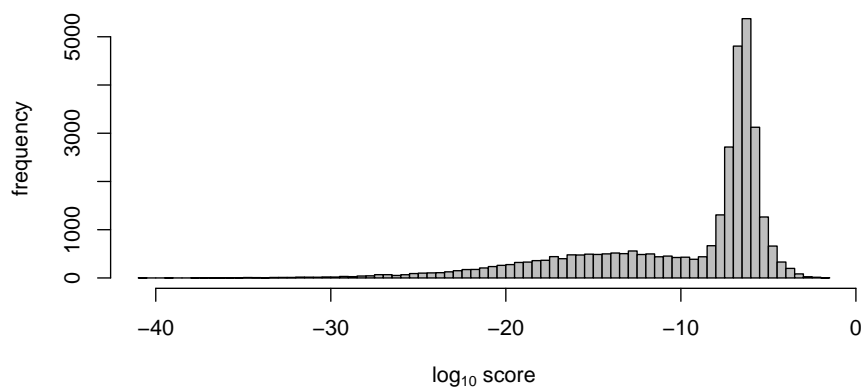
## example

	total	non-redundant
PSMs	32,927	29,775
unique PSMs	29,471	26,823
target PSMs	22,235	19,340
decoy PSMs	8,959	8,739
target + decoy PSMs	35	32
unmapped PSMs	0	0

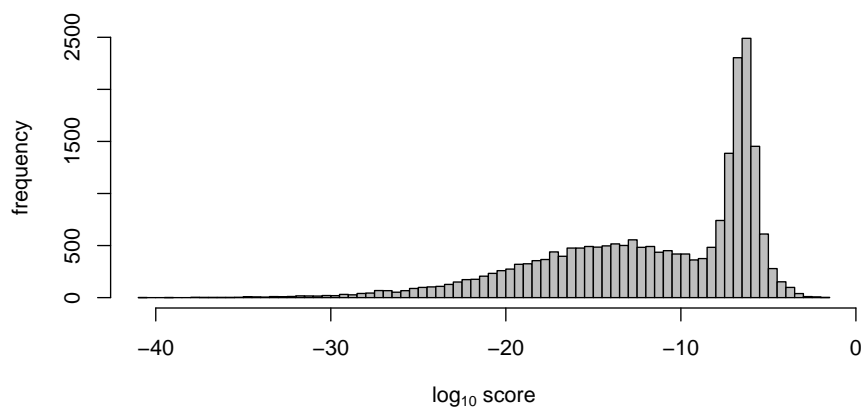
Table 1: Number of PSMs. Two PSMs are considered *non-redundant* if they differ in amino acid sequence. They are considered *redundant*, if they differ merely in modifications. A PSM is considered *unique*, if its amino acid sequence can be mapped uniquely to a single protein. The sequence can appear in either target proteins, decoy proteins, both or neither of them.

mod	specificity	number
Carbamidomethyl	C	11234
Oxidation	M	7944

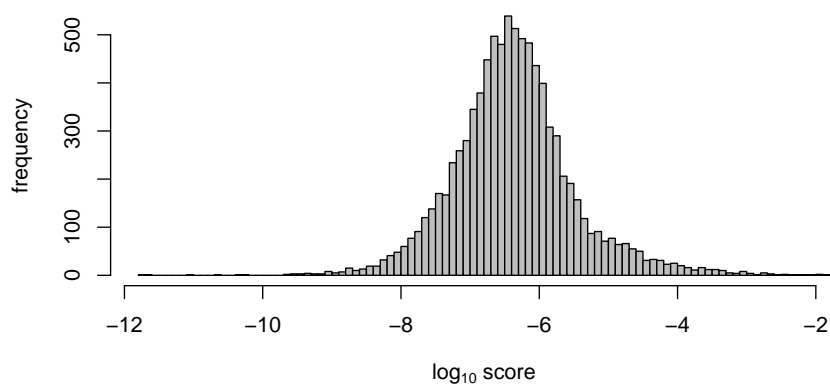
Table 2: Statistics of modifications.



(a) 32,927 PSMs



(b) 22,235 target PSMs



(c) 8,959 decoy PSMs

Figure 1: Score distribution of `search_engine_score[1]`.