

Term Combination Builder

Search term analysis and creation

Identifying highly relevant search term combinations

ProSearch's Search Term Analysis & Creation toolkit optimizes the creation of search term lists for use in search term exchange discussions. Unlike traditional approaches to search term refinement, which often rely on human intuition and progressively complex searches, our toolkit allows you to identify highly relevant search term combinations in a statistically supported, systematic, and efficient way. The toolkit automates the building of term combinations, creation of term performance metrics, and allows real time analysis and updates based on your review boundary.

Following sample set review, the application automatically extracts all terms returning relevant documents, calculates all potentially relevant term combinations, and creates the metrics needed to evaluate the performance of newly generated search term combinations. With its tight integration with Relativity and clear interface, the tool makes the process of identifying highly relevant search term combinations repeatable, scalable, and knowable.

PROSEARCH PSI Tools for Search Term Analysis and Creation

Precision Calculator | Term Analyzer | Reviewer Alignment | **Term Combo Creator**

Environment
Staging

Workspace
Linguistics_Investigation

PSI boundary
PSI_BOUNDARY_CIRCLE_DEMO

Responsiveness field/tag
OO_PSI_RESPONSIVENESS: Responsive

STR
SEARCH_TERM_DEMO

Exclude randoms

Create Term Combos **Export**

Summary statistics

- Responses hit by terms: 1,439
- Total # of documents hit by terms: 61,091
- Precision of all term combos: 18.15%
- Responses not hit by terms: 328
- Responses hit by added terms: 218
- Total # of documents hit by added terms: 4,613
- Precision of added term combos: 70.1%

List of term combinations to select from

	Responsive	Reviewed	Unreviewed	Orig. Precision	Updated Precision
1 (golf OR golfing) AND (client OR clients)	45	73	217	61.64	61.64
2 (resort OR resorts) AND (vacation OR vacations) AND (trip OR trips) AND (client OR clients) AND airfare	40	70	350	57.14	57.14
3 (client OR clients) AND (cocktail OR cocktails) AND (bar OR bars)	21	51	1,149	50.6	41.18
4 (football OR NFL) AND (client OR clients) AND entertainment	60	180	2,220	46.0	33.33
5 (client OR clients) AND (wine OR wines) AND (restaurant OR restaurants)	20	45	575	44.44	44.44
6 (basketball OR NBA) AND (client OR clients) AND entertainment	69	156	1,844	44.23	44.23
7 airfare	42	170	20,258	38.49	24.71
8 (client OR clients) AND confidential AND (gift OR gifts)	12	49	1,181	24.49	24.49
9 confidential	922	6,232	24,394	15.38	14.79
10 (client OR clients) AND entertainment AND (ticket OR tickets) AND (baseball OR MLB)	32	210	1,102	15.24	15.24
11 entertainment AND (restaurant OR restaurants) AND (dinner OR dinners) AND (lunch OR lunches) AND (brunch OR brunch...)	3	22	118	13.64	13.64
12 (cocktail OR cocktails) AND (bar OR bars) AND (dinner OR dinners)	2	200	2,701	9.91	1.0
13 (client OR clients) AND entertainment AND (ticket OR tickets) AND (hockey OR NHL)	2	90	110	2.22	2.22
14 (restaurant OR restaurants) AND (drink OR drinks) AND (lunch OR lunches) AND (brunch OR brunches)	3	190	1,790	1.58	1.58

Identify Redundancy **Remove Redundancy**

Final list of term combinations

- (kid OR kids) AND (interview OR interviews) AND (job OR jobs) AND (internship OR internships) AND confidential
- (interview OR interviews) AND (internship OR internships) AND (daughter OR daughters) AND (client OR clients) AND confidential
- (football OR NFL) AND (client OR clients) AND entertainment AND (ticket OR tickets)
- favor AND confidential
- (job OR jobs) AND (child OR children)
- (hotel OR hotels) AND (Vegas OR Las Vegas) AND airfare AND entertainment AND (restaurant OR restaurants)
- (kid OR kids) AND (son OR sons) AND (interview OR interviews) AND (job OR jobs) AND (internship OR internships) AND (daughter OR daughters) AND favor AND (child OR children) AND (client OR clients...
- (son OR sons) AND (interview OR interviews) AND (job OR jobs) AND (internship OR internships) AND (client OR clients) AND confidential
- (interview OR interviews) AND (job OR jobs) AND favor
- (internship OR internships) AND (client OR clients)
- (kid OR kids) AND (son OR sons) AND (interview OR interviews) AND (internship OR internships) AND (daughter OR daughters) AND favor AND (child OR children) AND (client OR clients) AND confidential
- (cruise OR cruises) AND (client OR clients)
- favor AND (client OR clients) AND (cocktail OR cocktails) AND (bar OR bars) AND (dinner OR dinners)

Reset Tables