

Enhanced MEMS for Statistical Analysis

Introduction

The MEMS command, used for statistical analysis, has been enhanced to include:

- Expanded capacity
- Customized named list
- Store MEMS list
- Email option
- GTn and TOPn options

Expanded Capacity

The MEMS list has been expanded to analyze up to 100,000 terms. Use the SET or record range option to analyze the entire set. The default for MEMS will analyze a random sample of 50 records.

Basic Use: **MEMS <SET, n-n> /field**

<i>Examples:</i> MEMS SET /PAN	Statistical analysis on Patent Assignees from the entire search set
MEMS 1-256 /INN	Statistical analysis on Inventors from record 1-256
MEMS /IC	Statistical analysis on a random sample of 50 records

Customized Named MEMS Lists

You can now personalized a MEMS list. The named MEM list 12-character limit and a total of 150 named lists. Basic Use: **MEMS <SET, n-n> name /field**

Example: **MEMS SET IPG /PAN** Statistical analysis on Patent Assignees on the named list IPG

STORE a MEMS List

You can now store the results of your MEMS lists. Basic Use: **MEMS <SET, n-n> name STORE /field**

Search MEMS Terms

MEMS terms may be searched using the ***MEMS name n-n /fld**

Example: ***MEMS IPG 1 /PA** Searches the first term on the IPG list in the PA field

Additional Options

HIS MEM	Displays the SAVED and STOREd MEM lists
HIS MEM STORE	Displays the STOREd MEM lists
HIS MEM SAVE	Displays the SAVED MEM lists
LI MEMS name	Displays the statistical analysis results

Modify an existing MEMS list

ER MEMS name	Erases the MEMS list
ER MEMS name n-n	Erases the terms n-n on MEMS list
KE MEMS name n-n	Keeps the terms n-n on MEMS list

Complete MEMS Command

MEMS <SS n> <n-n or SET> <MEM1 / MEM2 / MEM3 / MEM4/ NAME> <STORE> <TOP n> <GT n>/fld

Or **..MEMS <SS n> <n-n or SET> <MEM1 / MEM2 / MEM3 / MEM4/ NAME> <STORE> <TOP n> <GT n>/fld**

golf club and titanium

Frequency Term
14027 GOLF
6420 CLUB
75273 TITANIUM

** SS 1: Results 175

Search statement 2

?mems 1-175 gctic /ic lg 4

Total number of terms extracted: 332
Number of terms now in GCTIC : 40

Search statement 2

?li mems gctic

Memory is of type MEMSORT (statistical analysis)

#	FREQ	TERM
1	157	A63B
2	29	C22C
3	8	C22F
4	7	B22D
5	7	B23K
6	5	B32B
7	5	C08J
8	4	C23C
9	3	B29C
10	2	A01K
11	2	A63C
12	2	B21K
13	2	B22C
14	2	B23P
15	2	B29B

Continue: Y / N

?n

Search statement 2

?1 and *mems gctic 1 /ic

Frequency Term
37814 A63B/IC

** SS 2: Results 157
Search statement 3

?his mem

Name	Status	Type	Number	Creation date
GB	SAVE	FREQ	1483	06/03/99 00*16*45
GCT	SAVE	NODUP	138	11/03/99 20*03*54
GCTIC	SAVE	FREQ	40	12/03/99 18*18*15
MERCK	SAVE	FREQ	3654	05/03/99 19*32*42

Search statement 3

?li mems merck

Memory is of type MEMSORT (statistical analysis)

#	FREQ	TERM
1	263	C07D-000/00
2	175	A61K-000/00
3	149	A61K-031/44
4	113	A61K-027/00
5	95	C07C-000/00
6	89	A61K-031/40
7	82	A61K-031/495
8	80	A61K-031/445
9	73	A61K-031/41
10	72	A61K-037/02
11	70	C07D-401/12
12	64	A61K-031/47
13	63	A61K-031/535
14	61	A61K-031/435
15	57	C07D-405/12

Continue: Y / N

?*mems merck 3 /ic

Frequency Term
10280 A61K-031/44/IC

** SS 3: Results 10.280

Search statement 4

?3 and merck/pa

Frequency Term
10488 MERCK/PA

** SS 4: Results 591

Search statement 5

?mems 1-591 merckin store top 5 /in

Processing (1)
Total number of terms extracted: 2284
Number of terms now in MERCKIN : 5

Search statement 5

?li mems merckin

Memory is of type MEMSORT (statistical analysis)

#	FREQ	TERM
1	29	BALDWIN J J
2	29	LUES I
3	29	MINCK K
4	27	HARTMAN G D
5	21	BEIER N

Search statement 5

?his mem

Name	Status	Type	Number	Creation date
GB	SAVE	FREQ	1483	06/03/99 00*16*45
GCT	SAVE	NODUPS	138	11/03/99 20*03*54
GCTIC	SAVE	FREQ	40	12/03/99 18*18*15
MERCK	SAVE	FREQ	3654	05/03/99 19*32*42
MERCKIN STORE	SAVE	FREQ	5	12/03/99 18*22*38