GMC   'GREAT MOVIE COMEDY'

AGA   'AMERICA GREAT AGAIN'

SHUFFLE

| AGAIN | 2 | AMERICA | 2 |
| COMEDY | 2 | BASKETBALL | 1 |

(First third of alphabet)

2 [GREAT, MOVIE]

TCA   'TRUMP COMEDY OSCARS'

SHA   'SPURS HOOP AGAIN'

2 [COMEDY, AGAIN]

2 [OSCARS, SPURS]

| GREAT | 3 | HOOP | 2 |
| MOVIE | 1 | | |

(Second third of alphabet)

2 [AMERICA, BASKETBALL]

2 [GREAT, HOOP]

TGA   'TRUMP GREAT AMERICA'

SBH   'SPURS BASKETBALL HOOP'

| OSCARS | 1 | SPURS | 2 |
| TRUMP | 2 | | |

(Final third of alphabet)

Required communications = O(10) for no intelligent clustering or partitioning

AGA   'AMERICA GREAT AGAIN'

TGA   'TRUMP GREAT AMERICA'

SHUFFLE

1 [AGAIN]

TRUMP	2	AMERICA	2
GREAT	3		

(Politics Cluster)

SBH   'SPURS BASKETBALL HOOP'

SHA   'SPURS HOOP AGAIN'

SPURS	2	BASKETBALL	1
HOOP	2	AGAIN	2

(Sports Cluster)

1 [TRUMP]

GCM   'GREAT MOVIE COMEDY'

TCA   'TRUMP COMEDY OSCARS'

OSCARS	1	COMEDY	2
MOVIE	1		

(Entertainment Cluster)

Required communications = O(2) for intelligent clustering and partitioning