

```
./create R 5000 4 1000
```

```
./stats R
```

Global Info:

Dynamic:

#items: tuples: 0 tsigs: 0 psigs: 0 bsigs: 5584

#pages: tuples: 1 tsigs: 1 psigs: 1 bsigs: 10

Static:

tups #attrs: 4 size: 42 bytes max/page: 97

sigs bits/attr: 9

tsigs size: 64 bits (8 bytes) max/page: 511

psigs size: 5584 bits (698 bytes) max/page: 5

bsigs size: 56 bits (7 bytes) max/page: 584

```
./gendata 700 4 | ./insert R
```

```
./stats R
```

Global Info:

Dynamic:

#items: tuples: 700 tsigs: 700 psigs: 8 bsigs: 5584

#pages: tuples: 8 tsigs: 2 psigs: 2 bsigs: 10

Static:

tups #attrs: 4 size: 42 bytes max/page: 97

sigs bits/attr: 9

tsigs size: 64 bits (8 bytes) max/page: 511

psigs size: 5584 bits (698 bytes) max/page: 5

bsigs size: 56 bits (7 bytes) max/page: 584

```
./select R 1000001,?,?,? x
```

```
1000001,FrzrmzIYGFvEuIQfpDBH,a3-001,a4-001
```

Query Stats:

signatures read: 0

sig pages read: 0

tuples examined: 700

data pages read: 8

false match pages: 0

```
./select R 1000001,?,a3-002,? x
```

Query Stats:

signatures read: 0

sig pages read: 0

tuples examined: 700

data pages read: 8

false match pages: 8

```
./select R ?,?,?,? t
```

1000000,lrfkQyuQFjKXyQVNRTyS,a3-000,a4-000

.....

Query Stats:

signatures read: 700

sig pages read: 2

tuples examined: 194

data pages read: 2

false match pages: 0

```
./select R ?,?,?,? p
```

1000000,lrfkQyuQFjKXyQVNRTyS,a3-000,a4-000

.....

Query Stats:

signatures read: 8

sig pages read: 2

tuples examined: 194

data pages read: 2

false match pages: 0

```
./select R ?,?,?,? b
```

1000000,lrfkQyuQFjKXyQVNRTyS,a3-000,a4-000

.....

Query Stats:

signatures read: 0

sig pages read: 0

tuples examined: 700

data pages read: 8

false match pages: 0

```
./select R 1000001,?,?,? t
```

1000001,FrzrmzIYGFvEulQfpDBH,a3-001,a4-001

Query Stats:

signatures read: 700

sig pages read: 2

tuples examined: 194

data pages read: 2

false match pages: 0

```
./select R 1000001,?,?,? p
```

1000001,FrzrmzIYGFvEulQfpDBH,a3-001,a4-001

Query Stats:

signatures read: 8

sig pages read: 2

tuples examined: 97

data pages read: 1

false match pages: 0

```
./select R 1000001,?,?,? b
```

1000001,FrzrmzIYGFvEulQfpDBH,a3-001,a4-001

Query Stats:

signatures read: 7

sig pages read: 5

tuples examined: 97

data pages read: 1

false match pages: 0

```
./select R ?,?,a3-001,? T
```

1000001,FrzrmzIYGFvEulQfpDBH,a3-001,a4-001

1000499,WynDzShjplYPUFJwXzZj,a3-001,a4-167

Query Stats:

signatures read: 700

sig pages read: 2

tuples examined: 194

data pages read: 2

false match pages: 0

```
./select R ?,?,a3-001,? p
```

1000001,FrzrmzIYGFvEulQfpDBH,a3-001,a4-001

1000499,WynDzShjplYPUFJwXzZj,a3-001,a4-167

Query Stats:

signatures read: 8

sig pages read: 2

tuples examined: 194

data pages read: 2

false match pages: 0

```
./select R ?,?,a3-001,? b
```

1000001,FrzrmzIYGFvEulQfpDBH,a3-001,a4-001

1000250,csbvjNOmuTffMJGGRMyI,a3-001,a4-250

1000499,WynDzShjplYPUFJwXzZj,a3-001,a4-167

Query Stats:

signatures read: 6

sig pages read: 5

tuples examined: 291

data pages read: 3

false match pages: 0

```
./select R 1000001,?,a3-001,? t
```

1000001,FrzrmzIYGFvEulQfpDBH,a3-001,a4-001

Query Stats:

signatures read: 700

sig pages read: 2

tuples examined: 97

data pages read: 1

false match pages: 0

```
./select R 1000001,?,a3-001,? p
```

1000001,FrzrmzIYGFvEulQfpDBH,a3-001,a4-001

Query Stats:

signatures read: 8

sig pages read: 2

tuples examined: 97

data pages read: 1

false match pages: 0

```
./select R 1000001,?,a3-001,? b
```

1000001,FrzrmzIYGFvEulQfpDBH,a3-001,a4-001

Query Stats:

signatures read: 13

sig pages read: 7

tuples examined: 97

data pages read: 1

false match pages: 0