



MALLS

A strategic card game featuring 100
malls in Singapore

Brief Idea of the Game

I've collected statistics about 60 malls in Singapore.

The core mechanic of the game is that players select cards for battle, and the outcome of each battle is decided by comparing statistics. The aim is to have the best statistic in each battle, thereby obtaining the losers' cards. The player with the most amount of cards at the end of the game wins. It is a game of probability, sacrifice, and having an understanding of which malls are dominant in which areas.

Player count: 2 to 4 (3 is best)

Estimated time: 20 mins, but you can stop it at any time

Statistics

Here is the brief explanation for the statistics used for this game.

- ❑ **Latitude:** Higher latitudes means the mall is located to the North
- ❑ **Longitude:** Higher longitudes means the mall is located to the East
- ❑ **No. of Stores:** The number of stores listed in the mall's directory
- ❑ **No. of Floors:** The number of retail floors in the mall
- ❑ **Nearby Halal Stores:** The number of Halal restaurants within 150m of the mall
- ❑ **Retail Area:** The total floor area operated by shops
- ❑ **Nearby Bus Services:** The number of bus services that stop within 300m of the mall
- ❑ **Opening Year:** The year that the mall was opened

Card Layout

Name

MRT Acronym

Planning Area

Border**

Picture

Red text*


Green text*

Star*

VivoCity

H B F

BM



Latitude	★ 1.2644
Longitude	103.8222
No. of Stores	340
No. of Floors	5
Nearby Halal Stores	48
Retail Area/sq.ft	★ 1076.3k
Nearby Bus Services	20
Opening Year	2006

Card Layout (continued)

The statistics are all numerical and hence can be ranked.

The **green** text means that the statistic is within the top 10 in the deck. Conversely, the **red** text means that the statistic is within the bottom 10 in the deck. Finally, having a star means that the statistic is within either the top 3 or bottom 3 in the deck.

The border represents how good the card is overall.

- ❑ Rank 1-3: Black
- ❑ Rank 4-10: **Ruby**
- ❑ Rank 11-20: **Diamond**
- ❑ Rank 21-30: **Gold**
- ❑ Rank 31-45: **Silver**
- ❑ Rank 46-60: **Bronze**

Starting Out (1)


Shuffle and deal the cards equally. The cards in players' decks should be face down.


Once that is settled, it's time to explain the game. As mentioned, the outcome of each battle is decided by comparing statistics. There are 16 battles in total, spread across 4 phases:


Phase 1	Phase 2
Battle 1: Highest Latitude wins Battle 2: Highest Longitude wins Battle 3: Highest No. of Stores wins Battle 4: Highest No. of Floors wins	Battle 1: Highest Nearby Halal Stores wins Battle 2: Highest Retail Area wins Battle 3: Highest Nearby Bus Services wins Battle 4: Most recent Opening Year wins
Phase 3	Phase 4
Battle 1: Lowest Latitude wins Battle 2: Lowest Longitude wins Battle 3: Lowest No. of Stores wins Battle 4: Lowest No. of Floors wins	Battle 1: Lowest Nearby Halal Stores wins Battle 2: Lowest Retail Area wins Battle 3: Lowest Nearby Bus Services wins Battle 4: Most distant Opening Year wins


Starting Out (2)


After shuffling, at the start of the game, pick out 5 cards from the top of the deck into your hand, which only you can see. For the purposes of explanation we shall use **Phase 1** as an example.

NEX S E R	
	
Latitude	1.3696
Longitude	103.8485
No. of Stores	385
No. of Floors	7
Nearby Halal Stores	34
Retail Area/sq.ft	616.0k
Nearby Bus Services	37
Opening Year	2010

Bugis Junction B G S	
	
Latitude	1.2992
Longitude	103.8553
No. of Stores	200
No. of Floors	3
Nearby Halal Stores	39
Retail Area/sq.ft	397.3k
Nearby Bus Services	35
Opening Year	1995

Jewel Changi Airport C G A	
	
Latitude	1.3644
Longitude	★103.9915
No. of Stores	280
No. of Floors	★10
Nearby Halal Stores	27
Retail Area/sq.ft	576.9k
Nearby Bus Services	10
Opening Year	★2019

IMM J U R	
	
Latitude	1.335
Longitude	103.7471
No. of Stores	360
No. of Floors	5
Nearby Halal Stores	26
Retail Area/sq.ft	★953.0k
Nearby Bus Services	16
Opening Year	1991

Lot One C C K	
	
Latitude	1.3851
Longitude	★103.7427
No. of Stores	148
No. of Floors	6
Nearby Halal Stores	23
Retail Area/sq.ft	219.8k
Nearby Bus Services	28
Opening Year	1996


Preparation (1)

Phase 1 consists of 4 battles:

- Highest Latitude
- Highest Longitude
- Highest No. of Stores
- Highest No. of Floors


4 of the 5 cards will fight one battle each, while the 5th card will be reserved for Phase 2. As such, we need to plan out which card will fight which battle. We shall use the green text and stars as our guide.

Jewel Changi Airport C G A




Latitude	1.3644
Longitude	★ 103.9915
No. of Stores	280
No. of Floors	★ 10
Nearby Halal Stores	27
Retail Area/sq.ft	576.9k
Nearby Bus Services	10
Opening Year	★ 2019

Lot One C C K



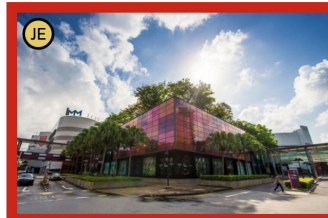
Latitude	1.3851
Longitude	★ 103.7427
No. of Stores	148
No. of Floors	6
Nearby Halal Stores	23
Retail Area/sq.ft	219.8k
Nearby Bus Services	28
Opening Year	1996

NEX S E R




Latitude	1.3696
Longitude	103.8485
No. of Stores	385
No. of Floors	7
Nearby Halal Stores	34
Retail Area/sq.ft	616.0k
Nearby Bus Services	37
Opening Year	2010

IMM J U R



Latitude	1.335
Longitude	103.7471
No. of Stores	360
No. of Floors	5
Nearby Halal Stores	26
Retail Area/sq.ft	★ 953.0k
Nearby Bus Services	16
Opening Year	1991

Bugis Junction B G S



Latitude	1.2992
Longitude	103.8553
No. of Stores	200
No. of Floors	3
Nearby Halal Stores	39
Retail Area/sq.ft	397.3k
Nearby Bus Services	35
Opening Year	1995


Preparation (2)

Phase 1 consists of 4 battles:

- Highest Latitude
- Highest Longitude
- Highest No. of Stores
- Highest No. of Floors


Lot One has the highest Latitude among these cards, so it is more likely to win in this battle. We shall let this card fight the “Highest Latitude” battle.

Jewel Changi Airport




Latitude	
Longitude	★ 103.7427
No. of Stores	
No. of Floors	
Nearby Halal Stores	
Retail Area/sq.ft	
Nearby Bus Services	
Opening Year	

Lot One




Latitude	1.3851
Longitude	★ 103.7427
No. of Stores	148
No. of Floors	6
Nearby Halal Stores	23
Retail Area/sq.ft	219.8k
Nearby Bus Services	28
Opening Year	1996

NEX



Latitude	1.3696
Longitude	103.8485
No. of Stores	385
No. of Floors	7
Nearby Halal Stores	34
Retail Area/sq.ft	616.0k
Nearby Bus Services	37
Opening Year	2010

JE



Latitude	1.335
Longitude	103.7471
No. of Stores	360
No. of Floors	5
Nearby Halal Stores	26
Retail Area/sq.ft	★ 953.0k
Nearby Bus Services	16
Opening Year	1991

GS



Latitude	1.2992
Longitude	103.8553
No. of Stores	200
No. of Floors	3
Nearby Halal Stores	39
Retail Area/sq.ft	397.3k
Nearby Bus Services	35
Opening Year	1995

Preparation (3)

Phase 1 consists of 4 battles:

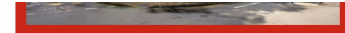
- ❑ Latitude (Lot One)
- ❑ Highest Longitude
- ❑ Highest No. of Stores
- ❑ Highest No. of Floors

We can see that Jewel clearly has the highest longitude in the hand. In fact, it is the Easternmost mall in the deck and hence cannot lose. We shall let Jewel fight the “Highest Longitude” battle.

Jewel Changi Airport C G A

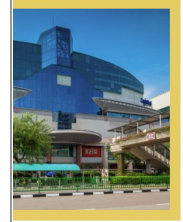


Latitude	1.3614
Longitude	★ 103.9915
No. of Stores	280
No. of Floors	★ 10
Nearby Halal Stores	27
Retail Area/sq.ft	576.9k
Nearby Bus Services	10
Opening Year	★ 2019



Latitude	1.335
Longitude	103.7471
No. of Stores	360
No. of Floors	5
Nearby Halal Stores	26
Retail Area/sq.ft	★ 953.0k
Nearby Bus Services	16
Opening Year	1991

C C K



1.3851
★ 103.7427
148
6
23
219.8k
28
1996

NEX S E R



Latitude	1.3696
Longitude	103.8485
No. of Stores	385
No. of Floors	7
Nearby Halal Stores	34
Retail Area/sq.ft	616.0k
Nearby Bus Services	37
Opening Year	2010

Bugis Junction B G S



Latitude	1.2992
Longitude	103.8553
No. of Stores	200
No. of Floors	3
Nearby Halal Stores	39
Retail Area/sq.ft	397.3k
Nearby Bus Services	35
Opening Year	1995


Preparation (4)

Phase 1 consists of 4 battles:

- Latitude (Lot One)
- Longitude (Jewel)
- Highest No. of Stores
- Highest No. of Floors

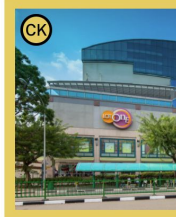
Similarly, NEX is seen to have the highest number of stores, so we shall let it fight that battle. So far the decisions have been easy. The next battle will be a little more tricky.

Jewel Changi Airport C G A




Latitude	1.3644
Longitude	★ 103.9915
No. of Stores	280
No. of Floors	★ 10
Nearby Halal Stores	27
Retail Area/sq.ft	576.9k
Nearby Bus Services	10
Opening Year	★ 2019

Lot One



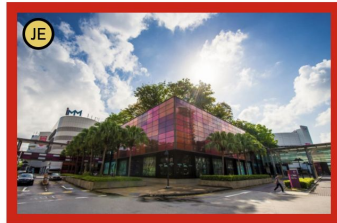
Latitude	
Longitude	
No. of Stores	
No. of Floors	
Nearby Halal Stores	
Retail Area/sq.ft	
Nearby Bus Services	
Opening Year	

NEX S E R




Latitude	1.3696
Longitude	103.8485
No. of Stores	385
No. of Floors	7
Nearby Halal Stores	34
Retail Area/sq.ft	616.0k
Nearby Bus Services	37
Opening Year	2010

IMM J U R



Latitude	1.335
Longitude	103.7471
No. of Stores	360
No. of Floors	5
Nearby Halal Stores	26
Retail Area/sq.ft	★ 953.0k
Nearby Bus Services	16
Opening Year	1991



Latitude	1.2992
Longitude	103.8553
No. of Stores	200
No. of Floors	3
Nearby Halal Stores	39
Retail Area/sq.ft	397.3k
Nearby Bus Services	35
Opening Year	1995

Preparation (5)

Phase 1 consists of 4 battles:

- Latitude (Lot One)
- Longitude (Jewel)
- No. of Stores (NEX)
- Highest No. of Floors

By the same logic, IMM should fight the final battle, right? No!


IMM, being a Ruby card, is far more valuable than the Silver Bugis Junction card. We shall use Bugis Junction as the “sacrifice” for this battle. More explanation in the next slide.

Jewel Changi Airport C G A




Latitude	1.3644
Longitude	★ 103.9915
No. of Stores	280
No. of Floors	★ 10
Nearby Halal Stores	27
Retail Area/sq.ft	576.9k
Nearby Bus Services	10
Opening Year	★ 2019

Lot One C C K

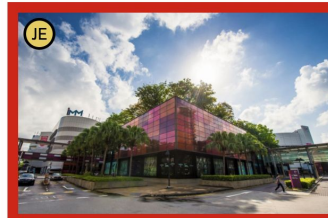


Latitude	
Longitude	
No. of Stores	
No. of Floors	
Nearby Halal Stores	
Retail Area/sq.ft	
Nearby Bus Services	
Opening Year	

NEX S E R




IMM J U R



Latitude	1.335
Longitude	103.7471
No. of Stores	360
No. of Floors	5
Nearby Halal Stores	26
Retail Area/sq.ft	★ 953.0k
Nearby Bus Services	16
Opening Year	1991

Bugis Junction B G S




Latitude	1.2992
Longitude	103.8553
No. of Stores	200
No. of Floors	3
Nearby Halal Stores	39
Retail Area/sq.ft	397.3k
Nearby Bus Services	35
Opening Year	1995

Preparation (6)

Phase 1 consists of 4 battles:


- ❑ Latitude (Lot One)
- ❑ Longitude (Jewel)
- ❑ No. of Stores (NEX)
- ❑ No. of Floors (Bugis Junction)


The other reason to reserve IMM is apparent if we use some forward thinking. IMM is likely to perform much better in Phase 2, in which the Highest Retail Area is an easily winnable battle. With this, we will go forth with our plan.


IMM	
	
Latitude	1.335
Longitude	103.7471
No. of Stores	360
No. of Floors	5
Nearby Halal Stores	26
Retail Area/sq.ft	★ 953.0k
Nearby Bus Services	16
Opening Year	1991


Preparation (7)


To remind ourselves of our choices, we shall arrange our cards to match the corresponding battles. Battles follow the same order as listed on previous slides. Do note that this arrangement is not final, and as long as the that battle hasn't begun, you can change your mind.

Lot One C C K	
	
Latitude	1.3851
Longitude	★ 103.7427
No. of Stores	148
No. of Floors	6
Nearby Halal Stores	23
Retail Area/sq.ft	219.8k
Nearby Bus Services	28
Opening Year	1996

Jewel Changi Airport C G A	
	
Latitude	1.3644
Longitude	★ 103.9915
No. of Stores	280
No. of Floors	★ 10
Nearby Halal Stores	27
Retail Area/sq.ft	576.9k
Nearby Bus Services	10
Opening Year	★ 2019

NEX S E R	
	
Latitude	1.3696
Longitude	103.8485
No. of Stores	385
No. of Floors	7
Nearby Halal Stores	34
Retail Area/sq.ft	616.0k
Nearby Bus Services	37
Opening Year	2010


Bugis Junction B G S	
	
Latitude	1.2992
Longitude	103.8553
No. of Stores	200
No. of Floors	3
Nearby Halal Stores	39
Retail Area/sq.ft	397.3k
Nearby Bus Services	35
Opening Year	1995

IMM J U R	
	
Latitude	1.335
Longitude	103.7471
No. of Stores	360
No. of Floors	5
Nearby Halal Stores	26
Retail Area/sq.ft	★ 953.0k
Nearby Bus Services	16
Opening Year	1991

Battle (1)

Once all players are ready, the first battle (Highest Latitude) will begin. All the players will reveal at the same time the cards they have chosen for that battle. Comparing the Latitudes, Player 2 has won. As such, Player 2 shall place these 3 cards at the bottom of their deck in whatever order.


Player 1

Lot One	
	C C K
Latitude	1.3851
Longitude	★ 103.7427
No. of Stores	148
No. of Floors	6
Nearby Halal Stores	23
Retail Area/sq.ft	219.8k
Nearby Bus Services	28
Opening Year	1996

Player 2 (Win)

Causeway Point	
	W D L
Latitude	★ 1.4361
Longitude	103.7858
No. of Stores	250
No. of Floors	7
Nearby Halal Stores	★ 52
Retail Area/sq.ft	416.3k
Nearby Bus Services	49
Opening Year	1998

Player 3

Junction 8	
	B S H
Latitude	1.3506
Longitude	103.8488
No. of Stores	174
No. of Floors	6
Nearby Halal Stores	25
Retail Area/sq.ft	252.4k
Nearby Bus Services	19
Opening Year	1993

Battle (2)

As for the second battle (Highest Longitude), Player 1 wins and places these 3 cards at the bottom of their deck as well.


Player 1 (Win)

Jewel Changi Airport	
C G A	
	
Latitude	1.3644
Longitude	★ 103.9915
No. of Stores	280
No. of Floors	★ 10
Nearby Halal Stores	27
Retail Area/sq.ft	576.9k
Nearby Bus Services	10
Opening Year	★ 2019

Player 2

Funan	
C T H	
	
Latitude	1.2913
Longitude	103.8501
No. of Stores	200
No. of Floors	6
Nearby Halal Stores	13
Retail Area/sq.ft	324.0k
Nearby Bus Services	★ 65
Opening Year	★ 2019



Player 3

Downtown East	
P S R	
	
Latitude	1.3776
Longitude	★ 103.9546
No. of Stores	127
No. of Floors	7
Nearby Halal Stores	12
Retail Area/sq.ft	130.0k
Nearby Bus Services	14
Opening Year	2000



Battle (3)

The third battle (Highest No. of Stores) is won by Player 3.



Player 1

NEX	
	
	
Latitude	1.3696
Longitude	103.8485
No. of Stores	385
No. of Floors	7
Nearby Halal Stores	34
Retail Area/sq.ft	616.0k
Nearby Bus Services	37
Opening Year	2010

Player 2

One Raffles Place	
	
	
Latitude	★ 1.2842
Longitude	103.8511
No. of Stores	83
No. of Floors	6
Nearby Halal Stores	20
Retail Area/sq.ft	★ 100.0k
Nearby Bus Services	26
Opening Year	1985

Player 3 (Win)

Lucky Plaza	
	
	
Latitude	1.3045
Longitude	103.8339
No. of Stores	★ 500
No. of Floors	7
Nearby Halal Stores	30
Retail Area/sq.ft	175.2k
Nearby Bus Services	48
Opening Year	★ 1977

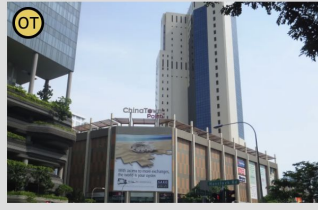
Battle (4)

The fourth battle (No. of Floors) is a draw between Player 2 and Player 3. In this case, the cards are left in the centre as a prize pool. So the winner of the next battle will get these cards as well.


Player 1

Bugis Junction B G S	
	
Latitude	1.2992
Longitude	103.8553
No. of Stores	200
No. of Floors	3
Nearby Halal Stores	39
Retail Area/sq.ft	397.3k
Nearby Bus Services	35
Opening Year	1995

Player 2 (Draw)

Chinatown Point C N T	
	
Latitude	1.2852
Longitude	103.8447
No. of Stores	220
No. of Floors	6
Nearby Halal Stores	12
Retail Area/sq.ft	207.7k
Nearby Bus Services	29
Opening Year	1990

Player 3 (Draw)

Eastpoint Mall S I M	
	
Latitude	1.3427
Longitude	103.9531
No. of Stores	180
No. of Floors	6
Nearby Halal Stores	16
Retail Area/sq.ft	207.8k
Nearby Bus Services	★ 6
Opening Year	1996

Post-Battle

This concludes the end of the phase. Now, pick up 4 cards from the top of the deck again and proceed with **Phase 2**. The process is the same, just that you'll be using the other four statistics instead:

- Highest Nearby Halal Stores
- Highest Retail Area
- Highest Nearby Bus Services
- Most recent Opening Year

Once **Phase 4** is completed, the process repeats. Eventually, players would drop below 5 cards. In that case, the player is eliminated. The game ends when one player is left, or after any arbitrary length of time like 20 minutes.

If you choose the time-limit, you could just count cards. But of course, how you count scores is up to you. I have given additional information like MRT and planning areas so there is some room for creativity! Like you could collect malls from the same MRT, and at the end see who has completed the biggest set.

Alternate Names

Here are some alternate names I've come up with for each of the battles:

Phase 1	Phase 2
Latitude: Northernmost Longitude: Easternmost No. of Stores: Most Options No. of Floors: Tallest	Nearby Halal Stores: Most Halal Retail Area: Biggest Nearby Bus Services: Most Accessible Opening Year: Youngest
Phase 3	Phase 4
Latitude: Southernmost Longitude: Westernmost No. of Stores: Least Options No. of Floors: Shortest	Nearby Halal Stores: Most Haram Retail Area: Smallest Nearby Bus Services: Least Accessible Opening Year: Oldest