Quality Posting Streak - Hotel Murder Mystery Feat : 18 LoH Explanation

Subreddit: r/IntelligenceScaling **Author:** Simply_Amazing_1610 **Flair:** low effort

Introduction

This is the final showdown between Chen Ran and Lin Jiabei. This game is based on the movie "Identity". So if you have watched the movie, the premise is similar here too. A murder in the hotel, but everyone involved is a personality of the above two. But nobody knows who the other is, whether they are Chen Ran's or Lin Jiabei's Personality.
Before the game started, Chen Ran was able to successfully decipher Lin Jiabei's Whisperer Chamber, but kicks his foot on an iron chair in anger[EM antifeat fr], causing his psychological momentum against Lin Jiabei to halt.
The objective of this game is to kill off both the opponent and the player's other personalities, and be the last person standing.

The Characters

The following are the characters and their true identity in this Murder mystery. The identities are listed as per initial appearances, but do not necessarily correlate to their true identity. Eg the Female police officer may not be a police officer at all. So I'll use a diff set of names for them.

Initial Appearance	Code Names I keep	The Corresponding Personality
Little Girl	Little Girl	Lin Jiabei's Sub-Personality
Muscular Youth	Muscle	Lin Jiabei's Sub-Personality
Smoking Elder	Elder	Lin Jiabei's Main Personality
Fat Otaku	Otaku	Chen Ran's Sub-Personality
Chen Ran	Ran	Chen Ran's Sub-Personality
Lin Jiabei	Lin	Chen Ran's Main Personality
Female Police Officer	FPO	Chen Ran's Sub-Personality
Male Police Officer	MPO	Lin Jiabei's Sub-Personality

We can't find exactly who is whose sub personality for a lot of these identities, but it doesn't matter as all are antagonistic to each other. The guesses I've made are assuming Little Girl's deductions are true.

Basics - Gui Yu

Gui Yu's are basically Lies that everyone believes as the truth due to a forged physical evidence of its validity. Thus these cannot be judged as lies, until an unique objective evidence disproves the validity of it and is present in the same space as the Gui Yu itself does.
For eg : Assume there is a colony of underground humans who never knew who Micheal Jackson is, if someone has said that they are Micheal Jackson, and proves it by maybe singing pop songs, then anyone who denies that the guy is not Micheal Jackson, without any objective evidence, will be judged as a liar.

Meanwhile, everyone else who also says that the guy is Micheal Jackson won't be judged as liars. But if someone somewhere has discovered the id card of either Micheal Jackson or the guy, the Gui Yu is broken universally.
Those who had uttered the Gui Yu previously but not after it has broken won't be considered liars. Except the creator of the Gui Yu. If he had uttered the Gui Yu, then he would be considered a liar after it has broken, even though he hadn't uttered the Gui Yu after its breaking.
Those who utter the Gui Yu, not knowing it has been broken, will be considered liars. If the creator of the Gui Yu, had created it without uttering it at all, maybe by his actions instead of words, he won't be considered a liar even after the Gui Yu is broken.

Basics - Liar Killer Guns

Liar Killer Guns can only shoot at a person if the command "You Lied" is uttered and the person being shot has uttered it. Its shot can bypass Liar Killer Gun Protection.
Liar Killer Guns can protect its user from any kind of physical interaction with a living person. It can also protect from any incoming physical projectiles. Thus a wielder of Liar Killer Gun cannot be killed with force.

The Situation

Everyone wants to deceive each other into lying in this game. Everyone acts in the role they are given, and don't use physical force to kill each other. All their Liar Killer Guns are colourless, only gaining a tint of the Main Personality's colour when they kill someone. Everyone knows themselves if they are the main or sub personality, and whose main/ sub personality they are. The Hotel they are in and the surrounding area are isolated from the outside world. This play of deception starts late into the night, and goes on to end at the next day's morning.

Chronological Sequence of Events

- Elder, Little Girl, Muscle and Otaku are present at the Hotel's Reception Sofa.
- Ran drives by in his light red car, finds muddy ground and unable to travel further, gets off and enters hotel
- Elder acts like the boss, creating a Gui Yu that he is the boss and thus they are all actual people.
- Lin comes in her light red car, finds Ran's car, parks near it and enters the hotel. Then proceeds to book a room and takes 30 mins to bath and come down (so prob around 1 hr since she arrived passes)
- Probably 5 mins after Lin got out of her car, both FPO and MPO came in their police car. They fake a three way collision, getting FPO hurt [FPO uses Lin's car to get herself collided between Ran's car and Police Car]. In exchange FPO leaves her Liar Killer Gun near the car.
- 25 mins is the travel time from the muddy area to the hotel. So after both Ran and Lin have bathed and left their Liar Killer Guns in their room, FPO and MPO arrive. FPO acts unconscious
- MPO is helped by Elder to carry FPO to room 208 on the second floor. The Elder reveals that Ran and Lin came to the Hotel the most recently.
- MPO arrives at the lounge and lies about the accident, to elicit others' lies. The lie here

being the presence of the white car.
- MPO accuses Lin as the primary suspect, making her handcuff herself to the stairpost.
- Everyone goes to their respective rooms to sleep.
- FPO jumps out of her room to get her gun.
- Lin breaks her arm to escape the handcuffs and get her gun, through running outside the hotel and climbing into her window.
- Lin arrives at FPO's room and wears FPO's uniform, then acts unconscious in her stead
- Prob Elder comes down and acts as the handcuffed Lin, making Ran do a false judgment and thus Prob Elder kills Ran.
- Otaku plants evidence to make himself the criminal, including planting wet pajamas in his room beforehand, making his hair wet in the sides and arriving late to the murder scene (to make others think he was framed internally)
- After MPO, Elder, Little Girl, Muscle and Otaku arrive at the Murder scene, MPO sees FPO(Lin) unconscious before reaching. Otaku leads MPO to think Otaku is the murderer. Thus Otaku is handcuffed and everyone returns to their room.
- Before everyone returns back, FPO comes back and dons the uniform Lin left, while Lin hides in her room. FPO acts unconscious.
- MPO, afraid that runaway Lin could judge him, switches rooms with FPO (Rooms 207 and 208).
- Muscle, deducing MPO had lied earlier, goes to shoot, but fails judgement cuz the people were switched. Thus killed by MPO.
- MPO tries switching suspicion to Elder, thus handcuffing Elder near Otaku.
- MPO is judged to death by Little Girl while he is returning to room.
- Otaku still has cuffed, others return to their rooms
- FPO jumps through the window, comes back in to "interrogate" Otaku
- FPO fakes false judgement and runs off, while Otaku plays along with her to try deceive Elder and Little Girl
- Elder and Little Girl realise Otaku faked his evidences, thus they free him from handcuffs
- Otaku proposes the idea of FPO identity being a gui yu
- FPO smashes the light fixture, signalling Lin that the trap is ready
- FPO recounts second of the three diff versions of the events to Otaku, Elder and Little Girl, while avoiding lies and proposing that the two police officers were actually MPO and Ran. This happens in Room 207
- Lin recounts the third of the three diff versions of the events without evading the lie. The entire story doesn't involve a Gui Yu. This happens in Room 208.
- Elder, Otaku and Little Girl return to their rooms. The time is 2:25 AM now.
- Otaku and Little Girl jump out the window an hour later, and proceed to the site of the car collision along with Elder. Time is 3:25 AM.
- They reach the site at 3:50 AM. Seeing the car crash they believe in FPO's version of events and that FPO's identity is actually a Gui Yu, that is now broken due to the three observing a unique evidence. This also means the three thought Lin lied due to her mentioning FPO, and the creator of Gui Yu is a liar if they utter their Gui Yu
- The three return back to hotel at 4:30 AM
- At 5:00 AM, Little Girl tries judging Lin for her lies at room 208, but fails the judgement. Little Girl is killed after forcing her to room 207.
- After the gunshot is heard, Elder tries getting Otaku to lie but fails.
- Elder goes to room 207 and deceives FPO into speaking a lie (denying an active Gui Yu without evidence), then kills FPO.

- Elder reveals Lin's scheme in room 208, but is unable to make her lie. Thus the remaining three - Elder, Otaku and Lin sit on the sofa
- Lin utters a separate Gui Yu dependent on Elder's Gui Yu as the Hotel Boss to confirm who are whose personalities. The information is known to Otaku too, only the Elder remains unsure of the personalities.
- The Elder takes out the id of the Hotel's Boss, which would dispel the Gui Yu, but all three of them don't see its front, and the card is then covered by a cloth. In return to the id being present on the table, all three utter a future lie "In the infinite time to come, no one will actively look at the information on this ID card."
- Seeing Elder's open scheme, Lin proposes another future lie they agree upon: "as long as all three of us are alive, no one can open fire."
- All return to their rooms. Otaku jumps through the window and starts running, Elder gives chase
- At 8 AM both Otaku and Elder predict Lin would look at the id, making both Elder and Lin liars but Otaku remains a non Liar
- Elder, realising he has been deceived, decides to kill himself to give Otaku a chance to kill Lin and thus save Lin Jiabao outside the game
- Otaku returns to the hotel but the id is pasted at the door, and seeing it makes Otaku a liar too, thus activating free for all. But Lin, hidden behind, shoots Otaku 5 times.
- Thus Lin as the remaining player clears the game.

There are a lot of events that happened chronologically, and a lot of lies involved which muddle the order of events or the people involved. I could discuss each's thought process and deceptions but that would make this more lengthy. So I'll only discuss the strategies of Chen Ran's Main Personality. Do tell me if a pov of every personality tho.

Lin Jiabei (Chen Ran's Main Personality)

I'll still keep referring to him as Lin so as to not confuse with the arrogant personality Ran.
Lin arrives in her light red car, she sees Ran's car parked and decides to park hers nearby too. Her whole strategy revolves around being lowkey and letting others fight within each other, while also letting people not assign herself with Chen Ran.

Step 1

She acts timid while entering the Hotel. She acts like a very shy, embarrassed and cautious girl, reducing her presence.
She has hands held vertically in front and feet together, looking like a good student.[Acting]
She asks for a room to shower in, doesn't mention the elder as the boss of the hotel to avoid speaking a lie [Minor Trap Evasion]
She stammers while speaking
"Um, is there... is there still a room here" [Acting]
For the sake of distancing herself from the image of Chen Ran as far as possible, she doesn't even smoke the whole game. [Perseverance lol]
She also observes the Elder smoking and notices it to be slightly off. Thus she is highly suspicious Elder might be Lin Jiabei's personality acting like a Chen Ran personality [Observation and Reasoning]

Step 2

She figures out with identical light red cars, someone might use them to elicit a lie from others [Foresight]. To make the liar feel safe, she leaves her liar killer gun in the bathroom and comes down to the lobby again.
As she expected, the MPO comes to the hotel, carrying the unconscious acting FPO. When the MPO questions Ran and Lin, saying they look bathed must mean they had come recently, and that one of the two has hit-and-run the FPO..
Lin deduces that the reason MPO is giving for suspicion isn't valid enough[Reasoning]. Then the information about the newcomers must have come from one of the hotel dwellers, and it's the Elder because only he interacted with MPO before interrogation started.[Reasoning]
She still stammers the following : [Acting]
"I, I, I drove here, but I encountered a muddy patch on the road, and the car couldn't get through, so I got out and walked. But my car isn't white, it's, it's, it's light red."
This turns the suspicion to Ran. Ran reasons out it isn't possible for him to have committed a hit-and-run, so it must be Lin. This makes many think Lin has lied, and the MPO handcuffs Lin to the staircase post.

Step 3

Lin knows the MPO has lied. She has actually encouraged him to lie by not bringing the liar killer gun with her. [Indirect Manipulation]. She has done this so that others may lie after the MPO unknowingly.
After everyone has gone to their room, Lin deduces Ran's thought process. Since Ran doesn't know that there are two light red cars, he'll think that the MPO was telling the truth and Lin lied. Thus he'll come down to judge her. [Reasoning and Foresight]
She knows tying her down was MPO's trap for someone to lie. She also knows someone else will anticipate this trap and come to judge the liar.
So she breaks her wrist without making a noise and escapes out of the hotel[Pain Tolerance].
Meanwhile the FPO/Elder comes to the place where Lin was handcuffed and acts like Lin (I'm not sure who acted like Lin here).
This action eventually leads to Ran's death by false judgement. Lin anticipates this happening in advance.

Step 4

Lin picks up her gun and gets to the FPO's room. Since she knows MPO lied about the accident and it is likely faked, she deduces FPO will use a trap to lure other's lies, thus she enters FPO's room.
FPO had anticipated Lin entering her room, and they both joined forces without any dialogue, through the police uniform she left for Lin. The aim of FPO and Lin now is to make others believe that they had planned the accident together (FPO, MPO and Lin), and FPO is actually not a Police officer but Lin is. They exchanged clothes to create the Gui Yu that FPO is a police officer.
FPO had already planned for this since the beginning when she faked the accident. Thus Lin joins in the plan and acts like the unconscious FPO while the others go to check the murder scene. Lin then puts the uniform back and hides in her room.

Step 5

Lin anticipates others dying for the room switch MPO does, as well as the MPO dying. Her aim is to be less impressive than other personalities, so that Lin Jiabei's Main Personality would assume them as the Main Personality of Chen Ran.
FPO prepares a trap to create a fake Gui Yu with Lin, that others will think of as the real Gui Yu. Lin participates. After FPO tries a trap with Otaku near the staircase, which exposes Otaku as a very intelligent adversary contrary to first impressions, the trio of Elder, Otaku and Little Girl arrive at FPO's room.
Lin even deduces that FPO will say the following line in her version of the story
"However, constrained by the fact that the Guǐ Yǔ has already become the truth, I can only say that the words I am about to speak might be true, or they might be something I fabricated."
FPO and Lin know that this refers to the Gui Yu Elder has constructed, but the statement will lead others to think this is about the Gui Yu FPO has constructed, which is false and not even a Gui Yu.
Lin recounts her version of the story, mentioning FPO multiple times. This leads the trio to think that they should break this Gui Yu, so that the creator of the Gui Yu, Lin would become a liar(which she wouldn't, cuz FPO is a FPO)..

Step 6

Lin foresees that the trio will visit the crash site, so as to "break" this Gui Yu. After believing that the Gui Yu is broken, the Little Girl enters Lin's room to judge her, but is judged to death instead, but only after being pushed to FPO's room opposite.
Here her scheme is to make both Elder and Otaku think that she wrongly judged FPO. But both Elder and Otaku would deduce that the Little Girl would never judge FPO, so they would quickly uncover Lin's trap and think she isn't smart enough to their level (because the trap was low level).[Deception, Anti Trap Setting]
But Lin wants them to underestimate her and think that. She has, since the start of the game, identified Lin Jiabao's personality (Elder) and has even deduced that he probably is the main personality.[Reasoning]
She also gets wet in the rain, to make them think that the Little Girl tried judging Lin but she ran away early, knowing her lies were exposed. But both Elder and Otaku would deduce that Lin never lied, and getting wet was a trap to make them think she lied.[Deception]
Lin wants both to deduce that, and underestimate her more

Step 7

Elder thus underestimates Lin and deceives FPO to death. He tries the same with Lin next. He announces that he has deduced all of Lin's schemes, and he isn't worried about her at all
He even announces Otaku is the one he is worried about, cause neither Lin nor FPO is the Main Personality of Chen Ran or Lin Jiabei
This is technically a lie, but since the Elder has the Gui Yu that he is the hotel Boss, saying everyone is an identity would deny the Elder's Gui Yu, thus becoming a lie.
So till Elder's Gui Yu gets broken, he wouldn't be the liar. Lin is now close to victory, cuz she only needs to break this Gui Yu to make Elder a liar.
[Chen Ran Antifeat] : Lin actually gets her hand to the gun when the Elder says that she isn't a

Main Personality [EM antifeat]. This actually leads Elder to doubt if he is Chen Ran's Main Personality.

Step 8

Lin fixes her mistake here. She announces that she isn't Chen Ran or Lin Jiabei's Main personality when both Otaku and Elder are present. This serves several purposes
Since this statement is a Gui Yu that will become a lie if the Gui Yu of Elder is broken and if Lin is a Main personality, the Elder thinks that Lin wouldn't take such a risk and thus, wouldn't be the Main Personality
This acts as a message to Otaku, who is Chen Ran's Sub-Personality. He knows that the Main Personality is trying to act as the Sub-Personality. He wants to eliminate Elder before facing off himself, thus agrees silently to act as the Main Personality
Since the situation is at a stalemate, Lin plans to deceive Elder into thinking of having a free for all gun battle, where everyone will be a liar [It will be advantageous to Elder due to his gun shooting experience, while Chen Ran is a novice]. Otaku also thinks of the same plan, and thus also shouts that He isn't Chen Ran's or Lin Jiabei's Main personality.
Thus the above line acts as a way to pressurise and manipulate the Elder, because now he isn't sure who Chen Ran's Main Personality is among the two, while the other two know who the elder and the other person is. [Psychological Profiling and Manipulation, Deception]
Elder's further hesitation to break the Gui Yu confirms to Lin that Elder is the main personality of Lin Jiabei [Observation]

Step 9

The Elder proposes a free for all type of battle, a situation where everyone is a liar and thus, their liar killer guns can be used like normal guns. Thus the Elder takes out the ID of the Hotel Boss, but doesn't see it himself or reveal it to preserve the Gui Yu.
Lin manipulates the elder to propose a future lie that will prohibit anyone from actively looking at the card, so that the Sub-Personality, who has not said a lie, will break the Gui Yu and also become a liar, to make all others liars too. Lin manipulates Elder to come to this plan, because Elder has an absolute advantage in shooting. This manipulation is so subtle that the Otaku also doesn't know of it, and this will be later used as a trap against Otaku [Short Term Planning, Manipulation, Trap Setting]
But since Lin acted like the Sub-Personality, Otaku will act like the main personality and run off so that the Elder can't reach him. But when Elder catches up to Otaku, thinking it's the main personality running away for a chance, he can't shoot him cuz Otaku neither broke the future lie, nor stated the broken Gui Yu. This will lead to Elder's death. While Lin becomes a liar after breaking Gui Yu.
But Lin also has to scheme against the Otaku, without alerting the Elder. Thus she proposes this future lie
"As long as all three of us are alive, no one can open fire."
The elder doesn't realise he had lied to Lin already, because he doesn't know she is Chen Ran's Main Personality. Thus he comes to the conclusion that it's for her to confirm the Elder is a liar when he shoots Otaku.. The Elder also wants to kill Otaku first before her, as he said before.
The Otaku thinks this line is to make the Otaku a liar, when he kills the Elder, because even if the Gui Yu breaks, he won't be a liar. Elder wrongly assumes he will be a liar because he thinks Otaku is the main personality

The entire step is a 3 layered deception, because Lin also anticipates Otaku driving the Elder to suicide, thus not breaking her proposed Future Lie too. This will keep Otaku in a massively advantageous position and will make him careless, since he is close to victory. Otaku thinks he is exploiting the loophole in the Future Lie, when the loophole is planned by Lin.[Short Term Planning, Deception]
Thus, Elder is driven to suicide by Otaku, because otaku can judge elser but Elder can't, since Otaku is not a liar. He has to kill himself so that Otaku can kill Chen Ran's Main Personality and thus her brother outside would be saved from Chen Ran. [Emotional Manipulation]

Step 10

Everything happened as per Lin's plan. Otaku returns to the Hotel to kill off Lin, but Lin has pasted the ID on the door. This causes Otaku to read the ID, violating the Future lie Elder proposed, which also makes Otaku a liar. Thus Lin, successful in her plan, shoots Otaku from behind and clears the Dungeon.
After analysing the feat, I could see Chen Ran's sub-personalities do more scheming than the main one. This is because Chen Ran wanted to deceive Lin Jiabei with this advantage. The traps at the end were impressive, playing on both the Elder and Otaku's psychology, but also highlights Chen Ran's weaknesses in the early arc
This arc (The entire Lonely Revenge arc) covers various weaknesses of Chen Ran, from his immediate jumping to conclusions in Self killing feat to his arrogance and carelessness near victory in this Identity game. He identifies his weaknesses and fixes them though, getting his EM high but also channeling his arrogance and rage to productive areas.
If you've read till here, Thanks!