

Bernkastel's game

Given information

Rules

- The definition of culprit is one who murders.
- It is possible for a culprit to lie even before committing murder.
- Characters who are not culprits only speak the truth.
- Characters who are not culprits may not cooperate with a culprit.
- A culprit must carry out all murders directly, by their own hands.
- A culprit must not die.
- A culprit must be among the characters appearing in the story.
- Purple statements are as absolute as red truths (absolute truths).
- The culprit may lie with purple statements.
- Outside of spoken statements, there are no lies in the narration.

Red truths (absolute truths)

- First twilight
 - Doors can only be locked or unlocked with a master key.
 - It is possible to lock or unlock a door from inside without a key.
 - Master keys are the only keys that exists.
 - There are five master keys. Each one is held by a servant.
 - Genji, Kumasawa, Shannon, Kanon and Gohda.
 - The servants keep the master keys on their person at all times, so it is impossible for them to be stolen, handed over or used by any human other than themselves.
- Second twilight
 - Sealing means that is impossible to enter or leave anymore.
 - The culprit of the first twilight really did kill six people.
 - The group sealed the room at the same time they left.
 - No culprit joined the group as they left.
 - All of the seals on Natsuhi's room, the dining hall, and the mansion itself will not be broken.
- Third twilight
 - Kanon is treated as being killed.
 - Kanon's master key is treated as being destroyed.

Characters (purple statements)

- Genji
- Rosa
- Eva
- Hideyoshi
- Rudolf
- Kyrie
- Natsuhi
 - First twilight
 - We destroyed Genji's master key.
- Krauss
 - First twilight
 - Everyone gathered in the dining hall.
 - After inspecting the interior of the dining hall, we determined that all of the doors and windows had been locked, making it a closed room.
 - It's clear that no one is hiding.
- Kanon
 - First twilight
 - Doctor Nanjo and I confirmed that Genji was dead.
 - Second twilight
 - Krauss and Natsuhi lay sprawled on the floor inside the room.
 - All of us servants can prove an alibi for all the other servants.
- Shannon
 - First twilight
 - The death of each parent was confirmed by their child.
 - Krauss and Natsuhi -> Jessica
 - Eva and Hideyoshi -> George
 - Rudolf and Kyrie -> Battler
 - Rosa -> Maria
 - Second twilight
 - I unlocked the door.
 - All of us servants were together the whole time.
- Kumasawa
 - First twilight
 - That's when I arrived.
 - Eva, Hideyoshi, Rudolf, Kyrie, Rosa, and Genji, six people in all, were lying there, covered in blood.
- Gohda
 - First twilight
 - The dining hall was locked up.

- I unlocked the door with a master key.
 - Second twilight
 - Natsuhi's room was locked.
 - Third/fourth twilight
 - Not one of us has an alibi.
 - We destroyed the master key Shannon had held on the spot.
- Nanjo
 - First twilight
 - No one will mistakenly confirm a death, even those other than myself.
 - Second twilight
 - I confirmed both of their deaths. There can be no doubt that they died instantly.
 - We also sealed the mansion itself, and all of us took refuge in the guesthouse.
 - Third/fourth twilight
 - I also examined Shannon and confirmed her death.
 - Fifth/sixth twilight
 - Judging by these wounds, Gohda and Kumasawa died instantly.
- Jessica
 - Second twilight
 - I found that the windows and doors were all locked, making it a closed room.
 - We made sure that no one would be able to enter or leave until the police arrived.
 - Third/fourth twilight
 - We all went outside to look for them.
 - At least regarding Shannon's death, it was impossible for George to be the murderer.
 - Fifth/sixth twilight
 - Gohda and Kumasawa are both dead.
 - The four cousins and Doctor Nanjo couldn't have killed Gohda and Kumasawa.
 - Seventh twilight
 - Nanjo is dead. Nanjo has been killed.
 - Maria, Battler, George and I couldn't have killed Doctor Nanjo.
- Maria
 - First twilight
 - All of the victims died instantly.
 - Second twilight

- We put duct tape all over the outside of the doors and windows, sealing them.
- Seventh twilight
 - Everything is locked up perfectly.
- Eighth twilight
 - There's no way Jessica could live through this.
 - The three of us couldn't have killed Jessica.
 - George couldn't kill an adult. He could kill a kid though.
- George
 - First twilight
 - There was no one hiding in the dining hall either.
 - Third/fourth twilight
 - I was forced to acknowledge that Shannon was dead.
 - Fifth/sixth twilight
 - The guesthouse was still completely locked up.
 - Seventh twilight
 - This was an instant death.
 - No one could kill doctor Nanjo inside the guesthouse.
 - Eighth twilight
 - Jessica probably died instantly.
 - Maria couldn't kill anyone.
- Battler
 - First twilight
 - Nothing suspicious was found inside in the dining hall.
 - Second twilight
 - Doctor Nanjo checked their pulse. Then, he announced that the two of them had died instantly.
 - We also sealed the dining hall in the same way.
 - Third/fourth twilight
 - Anyone could have killed Shannon besides George.
 - Fifth/sixth twilight
 - None of us has an alibi.
 - No master keys exist anymore except the two keys on the two people who lie dead here.
 - Seventh twilight
 - This is proof that Doctor Nanjo didn't leave the guesthouse
 - Eighth twilight
 - George, Maria and I couldn't have killed Jessica.

Story (purple statements)

- First twilight
 - Six corpses
 - Gohda: The dining hall was locked up.
 - Kumasawa: That's when I arrived.
 - Gohda: I unlocked the door with a master key.
 - Kumasawa: Eva, Hideyoshi, Rudolf, Kyrie, Rosa, and Genji, six people in all, were lying there, covered in blood.
 - Krauss: Everyone gathered in the dining hall.
 - Checking the corpses
 - Shannon: The death of each parent was confirmed by their child.
 - Krauss and Natsuhi -> Jessica
 - Eva and Hideyoshi -> George
 - Rudolf and Kyrie -> Battler
 - Rosa (no father) -> Maria
 - Kanon: Doctor Nanjo and I confirmed that Genji was dead.
 - Nanjo: No one will mistakenly confirm a death, even those other than myself.
 - Maria: All of the victims died instantly.
 - Closed room crime scene?
 - Krauss: After inspecting the interior of the dining hall, we determined that all of the doors and windows had been locked, making it a closed room.
 - Battler: Nothing suspicious was found inside the dining hall.
 - George: There was no one hiding in the dining hall either.
 - Krauss: It's clear that no one is hiding.
 - Genji's master key
 - Natsuhi: We destroyed Genji's master key.
- Second twilight
 - Natsuhi and Krauss's room
 - Gohda: Natsuhi's room was locked.
 - Shannon: I unlocked the door.
 - Kanon: Krauss and Natsuhi lay sprawled on the floor inside the room.
 - Checking the room and corpses
 - Battler: Doctor Nanjo checked their pulse. Then, he announced that the two of them had died instantly.
 - Nanjo: I confirmed both of their deaths. There can be no doubt that they died instantly.
 - Jessica: I found that the windows and doors were all locked, making it a closed room.

- Alibis for the servants
 - Shannon: All of us servants were together the whole time.
 - Kanon: All of us servants can prove an alibi for all of the other servants.
- Preserving the crime scene
 - Maria: We put duct tape all over the outside of the doors and windows, sealing them.
 - Jessica: We made sure that no one would be able to enter or leave until the police arrive.
 - Battler: We also sealed the dining hall in the same way.
 - Nanjo: We also sealed the mansion itself, and all of us took refuge in the guesthouse.
- Third/fourth twilight
 - Shannon and Kanon vanish
 - Jessica: We all went outside to look for them.
 - George: I was forced to acknowledge that Shannon was dead.
 - Nanjo: I also examined Shannon and confirmed her death.
 - Alibis
 - Gohda: Not one of us has an alibi.
 - Jessica: At least regarding Shannon's death, it was impossible for George to be the murderer.
 - Battler: Anyone could have killed Shannon besides George.
 - Gohda: We destroyed the master key Shannon had held on the spot.
- Fifth/sixth twilight
 - Two corpses
 - Nanjo: Judging by these wounds, Gohda and Kumasawa died instantly.
 - Jessica: Gohda and Kumasawa are both dead.
 - Alibis
 - Battler: None of us has an alibi.
 - Jessica: The four cousins and Doctor Nanjo couldn't have killed Gohda and Kumasawa.
 - Preserving the crime scene?
 - George: The guesthouse was still completely locked up.
 - Battler: No master keys exist anymore except the two keys on the two people who lie dead here.
- Seventh twilight
 - Nanjo's corpse
 - Jessica: Nanjo is dead. Nanjo has been killed.
 - George: This was an instant death.
 - Maria: Everything is locked up perfectly.

- Is one of the four the culprit?
 - Jessica: Maria, Battler, George and I all couldn't have killed Doctor Nanjo.
 - George: No one could kill Doctor Nanjo inside the guesthouse.
 - Battler: This is proof that Doctor Nanjo didn't leave the guesthouse.
- Eighth twilight
 - Jessica's corpse
 - George: Jessica probably died instantly.
 - Maria: There's no way Jessica could live through this.
 - Who killed her?
 - Battler: George, Maria and I couldn't have killed Jessica.
 - Maria: The three of us couldn't have killed Jessica.
 - George: Maria couldn't kill anyone.
 - Maria: George couldn't kill an adult. He could kill a kid though.

Hints

All the available hints in the puzzle. Use them in case you get stuck.

Search for reliable purple statements

- Purple statements are a problem since they contain the culprit's lies.
- Forget which statements are a lie, find out which ones must be true.
- Instead of searching for the culprit, start by searching the innocents.

Who can't be a culprit?

- The culprits can't die so you can trust anyone who's dead.
- All confirmations of character's deaths are in purple statements.
- Look for someone who is certain to be dead in a more reliable way.

The narrated text speaks the truth

- There are no lies in the narration.
- Look for deaths that are mentioned in the narrations.
- Avoid vague statements about whether the person is alive or dead.

Nanjo and Jessica are innocent!

- Nanjo and Jessica are dead so they are not culprits.
- All of their purple statements are the same as red truth.
- Anyone whose death was confirmed by Nanjo or Jessica is dead.

Keep searching for confirmed deaths

- Krauss, Natsuhi, Shannon, Gohda and Kumasawa are also dead.
- Kanon is dead because of the red truth.

9 people are innocent

- Genji is dead.
- The kids examining their parent's death might not be legitimate.

The master keys can't be used?

- All of the servants are innocent so master keys can't be used.

Something odd about the red truth?

- The corpse examinations of the first twilight still aren't certain.
- One of them could be the culprit and lock the dining hall from inside.
- Does the red truth really confirm the death of all six people?
- Why was it said during the second twilight and not during the first?

They really did kill six people?

- Since master keys can't be used, doors must be locked from inside.
- It makes sense that the culprit was hiding in Natsuhi's room.
- Everyone except the victims returned so how was this murder done?
- Is it an impossible crime for all the survivors?

The culprit was shut up inside?

- The culprit of the first twilight really was hiding among the six.
- Afterwards, they went to Natsuhi's room, killed them and locked itself.
- Natsuhi's room was sealed and no culprit joined as they left.
- How are the other twilights done if the culprit is trapped?

An accomplice exists

- There is no problem if the culprit gets sealed up if there are more.
- Only culprits can cooperate with other culprits.
- It is impossible that the crimes were committed by only one culprit.
- Maria, George and Battler, either one of those is a culprit.

Anyone but George could have killed Shannon.

- It is impossible for George to have killed Shannon.
- This does not prove that George is innocent.

One culprit played dead and another culprit exists

- If the survivors cannot kill Gohda or Kumasawa who did it?
- One of the culprits faked their death so multiple culprits exists.

Is there yet another culprit?

- Gohda, Kumasawa and Nanjo couldn't have been killed with 2 culprits.
- There should exist at least 3 culprits but how many are there?
- Who faked their deaths during the first twilight?

George and Maria are the chicken and the egg

- If George is innocent then Maria is too.
- If Maria is innocent then George is too.

Checking Maria culprit theories

- If Maria is a culprit, we will need to have at least 4 culprits.
- The only crime a child can commit is Shannon's murder.
- It's impossible for Maria to be a culprit.

Checking George culprit theories

- It's impossible for George to kill Shannon so George is innocent.

George's purple statements

- George and Maria are proven innocent.
- George and Maria's examinations on the first twilight are trustworthy.
- Eva, Hideyoshi and Rosa are dead and confirmed to be innocent.

Two adults, one kid

- Two adults and one kid are the culprit group.

The three culprits are family.

- The culprit group is a family of two adults and one child.

The kid culprit is Battler

- Battler is the child culprit so Rudolf and Kyrie are the adult's culprits.

My thoughts

Rules

- The definition of culprit is one who murders.
 - They did not specify that a culprit is considered an actual culprit if it only kills during the twilights. This could imply that anybody from the very beginning could be a culprit since we do not know any of the characters' past.
- Purple statements are as absolute as red truths.
 - Main basis to find contradictions and detect who is a culprit.
- Culprits may lie with purple statements even before they murder.
 - A culprit that doesn't lie is still a culprit.
 - Problematic rule because there can be multiple culprits and some people might be considered dead when they are not.
- Characters who are not culprits only speak the truth.
 - It is better to focus on people we know that are not culprits because we know for sure they are saying the truth.
- Characters who are not culprits may not cooperate with a culprit.
 - This implies that culprits can help and cover each other, which further increases the chance of a theory where there are multiple culprits.
 - Up to what extent characters do not cooperate with a culprit?
 - Can a servant for example lock a door without knowing that a murder has occurred and help the culprit this way?
- A culprit must carry out all murders directly, by their own hands.
 - A culprit has to kill a victim physically that means that someone who supposedly died when nobody is around or everyone alive has an alibi has been killed by a supposed dead person.
 - This also implies that characters cannot be killed by traps or any other method that does not involve physical contact.
 - This does not discard the fact that a character can kill itself except if we consider that killing yourself makes you a culprit so that implies that characters cannot suicide since culprits must not die.
- A culprit must not die.
 - At least one culprit exists and is alive at the end.
 - Does suicide apply?
- A culprit must be among the characters appearing in the story.
 - This nullifies the chance of any non-explained character to be a culprit, narrowing it down to the 17 existing characters.
- Outside of spoken statements, there are no lies in the narration.
 - A given fact.

Red truths

- First twilight
 - Doors can only be locked or unlocked with a master key.
 - It is possible to lock or unlock a door from inside without a key.
 - Master keys are the only keys that exists.
 - There are five master keys. Each one is held by a servant.
 - Genji, Kumasawa, Shannon, Kanon and Gohda.
 - The servants keep the master keys on their person at all times, so it is impossible for them to be stolen, handed over or used by any human other than themselves.
 - At all times?
 - Even after death?
- Second twilight
 - Sealing means that is impossible to enter or leave anymore.
 - We are guaranteed that if someone is inside a sealed room then they cannot leave.
 - The culprit of the first twilight really did kill six people.
 - Can we proclaim that these six people are the supposed dead people of the first twilight or is it the total number of people the culprit killed?
 - Is the first twilight done by only 1 person?
 - The group sealed the room at the same time they left.
 - The supposed dead bodies if they are alive then they are not able to leave the room.
 - No culprit joined the group as they left each room.
 - The culprit is with the group in the dining hall and in Natsuhi's room.
 - This does not discard the fact that the culprit could be already in the room.
 - All of the seals on Natsuhi's room, the dining hall, and the mansion itself will not be broken.
 - If someone is not inside the dining hall or Natsuhi's room then they are able to roam freely inside the mansions without leaving.
 - Anybody left in the mansion after being sealed is stuck.
- Third/fourth twilight
 - Kanon is treated as being killed.
 - Does this mean that the characters think Kanon is dead but he can be alive?
 - Kanon's master key is treated as being destroyed.
 - Does this mean that the characters think Kanon's master key is destroyed but it can be intact?
 - Characters cannot get Kanon's master key anyway.

Deaths

A list of characters that might have lied about other people's deaths.

First twilight

- Rudolf, Kyrie, Eva, Hideyoshi and Rosa
 - Shannon, Gohda, Nanjo, Jessica, Battler, George and Maria
- Genji
 - Kanon

Second twilight

- Krauss and Natsuhi
 - Nanjo, Jessica, Battler, George and Maria

Third/fourth twilight

- Kanon
 - Unknown
- Shannon
 - Gohda, Nanjo, Jessica, Battler, George and Maria

Fifth/sixth twilight

- Gohda and Kumasawa
 - Nanjo, Jessica, Battler, George and Maria

Seventh twilight

- Nanjo
 - Jessica, Battler, George and Maria

Eighth twilight

- Jessica
 - Battler, George and Maria

Questions

A series of important questions with answers to remember about.

Overall

Can a character commit suicide?

- No, because killing yourself would make you a culprit and a culprit must not die.
 - RULE: The definition of culprit is one who murders.
 - RULE: A culprit must not die.

Is George not a culprit?

- If so, Maria automatically becomes a non-culprit and the guesthouse will be proven to be locked up so the culprits are already inside the guesthouse or they need a master key or the murders never occurred.
- If George is found that he is a culprit, it does not prove that Maria is also a culprit. However, if Maria is found to be a culprit then George will automatically be a culprit.

First twilight

Did the culprit of the first twilight really kill all the six people?

- RED TRUTH: The culprit of the first twilight really did kill six people.
 - Are these six people the supposed dead people of the first twilight or is it the total number of people the culprit killed?
 - Was the first twilight done by only one culprit?

Is the dining hall door locked in the first twilight?

- The door state should not matter in the first twilight since the culprit could have used Genji's master key to lock the door again and then return to the crime scene with everyone and drop the key.

What does the following Nanjo's statement imply?

No one will mistakenly confirm a death, even those other than myself.

- RULE: Characters who are not culprits only speak the truth.

- Nanjo's statement does not affect innocent characters since they can only speak the truth so therefore, they cannot mistakenly confirm a death.
- If Nanjo is innocent then culprits cannot lie about people's deaths.
 - Is this really true?

Second twilight

What does the following Shannon's and Kanon's statement imply?

Shannon: All of us servants were together the whole time.

Kanon: All of us servants can prove an alibi for all of the other servants.

- Even though the wording might be different they are really saying the same which depends on whether they are culprits or not.
 - If both are culprits.
 - Does not matter.
 - If one or both are innocent.
 - The servants are not involved in the second twilight.

Are the servants involved in the second twilight?

- No, it is not possible for the servants to be involved in the second twilight because in both cases where only Kanon and Shannon are culprits or all servants are culprits, we exceed the maximum possible number of culprits.

Third/fourth twilight

Is Shannon really dead?

- Yes, Shannon should be dead because if not, then 7 people are guaranteed to be culprits which are: Shannon, Gohda, Nanjo, Jessica, Battler, George and Maria which is too many.

What is Kanon and his master key state in?

- RED TRUTH: Kanon is treated as being killed.
- RED TRUTH: Kanon's master key is treated as being destroyed.
- Probably one of the most annoying and important problem to solve.

Fifth/sixth twilight

Is the guesthouse locked?

- Highly likely that it is locked at least at some point once since multiple characters mention it and the fact that multiple people mention that the supposedly alive people in the guesthouse could not have been able to kill the people from the last three twilights.
 - The important question is if it was locked all the time?
 - We know that there is at least a culprit among the 3 remaining alive persons of the eighth twilight and we know that there should be at least 2 culprits so probably someone from the beginning of the game is alive and the culprits are helping each other like unlocking the door so it can enter whenever it wants.

Does someone have a master key?

- Highly likely that nobody has a master key because it is highly likely that there is at least 1 culprit

Seventh twilight

Did Nanjo leave the guesthouse?

- Why would Nanjo leave the guesthouse to begin with?
- This is quite an important factor because George and Battler have a contradiction about this so one of them is at least a culprit.

Eight twilight

Is Jessica really dead?

- If Jessica is innocent, we reach a logic error because everyone else is dead and they cannot perform the other twilights so the probability of Jessica being alive and a culprit is very high but not guaranteed because there is a chance there was an error in previous reasonings.
 - The main problem here resides once again in the red truth mentioning that the culprit of the first twilight killed six people. If by any chance, some people of the first twilight are alive it becomes really easy to avoid this dead end.
 - Also, this claim is further improved by the fact that you can choose as culprits, people from the first twilight and the fact that there are purple statements about them. Maybe it is really possible that they are alive?

Reasonings

First twilight

RED TRUTH: The culprit of the first twilight really did kill six people.

Servants: Anybody.

Non-servants: Anybody.

- If the door is not locked.
 - Gohda and Shannon lied.
- If the door is locked.
 - If the dining hall is not a closed room.
 - Krauss lied.
 - If the dining hall is a closed room.
 - If somebody is hiding in the dining hall.
 - George and Krauss lied.
 - Non-servants: hiding in the dining hall.
 - If nobody is hiding in the dining hall.
 - Servants: one at least.
 - Non-servants: anybody.
 - If this situation happens then we know that we already have 2 culprits because a servant has to help the non-servant get out of the room and culprits can help each other.

Second twilight

Servants: Kanon and Shannon or all servants.

Non-servants: Anybody.

- If the door is not locked.
 - Gohda and Shannon lied.
- If the door is locked.
 - If Genji's master key was not destroyed.
 - Natsuhi lied.
 - If Genji's master key was destroyed.
 - If the room is not a closed room.
 - Jessica lied.
 - If the room is a closed room.
 - RED TRUTH: No culprit joined the group as they left.
 - Non-servants: stuck inside the room.
 - Sealing or not the room does not matter.

Third/fourth twilight

Servants: Anybody

Non-servants: Anybody

- If the mansion was not sealed or they did not go to the guesthouse.
 - Nanjo lied.
- If the mansion was sealed and they went to the guesthouse.
 - RED TRUTH: The mansion's seals will not be broken.
 - Anyone trapped inside the mansion will be unable to leave.

- If Shannon is not dead.
 - George, Nanjo, Jessica, Battler and Gohda lied.
- If Shannon is dead.
 - If Shannon's master key was not destroyed.
 - Gohda lied.
 - If Shannon's master key was destroyed.
 - Genji's(?), Kanon's(?), Gohda's and Kumasawa's key left.

- If Kanon is not dead.
 - If Kanon is not a culprit.
 - No need to worry about him anymore.
 - If Kanon is a culprit.
 - Can be used as a trump card.
 - Can help other culprits with his master key.
- If Kanon is dead.
 - If Kanon's master key was not destroyed.
 - A culprit has his master key.
 - If Kanon master key was destroyed.
 - Genji's(?), Shannon's(?), Gohda's and Kumasawa's keys.

Fifth/Sixth twilight

Servants: Anybody

Non-servants: Anybody

- If Gohda or Kumasawa did not die.
 - Nanjo and Jessica lied.
- If Gohda and Kumasawa died.
 - If the guesthouse was not locked.
 - George lied.
 - If the guesthouse was locked.

- If all master keys have not been gathered.
 - Anybody can enter and leave the guesthouse.
- If all master keys have been gathered.
 - If Jessica is a culprit.
 - Nothing changes.
 - If Jessica is not a culprit.
 - The 4 cousins and Nanjo are innocent.
 - The culprit sneaked in the guesthouse.

Seventh twilight

Servants: Anybody

Non-servants: Anybody

- If Nanjo did not die.
 - Jessica and George lied.
- If Nanjo died.
 - If the guesthouse was not locked.
 - Maria lied.
 - If the guesthouse was locked.
 - If all master keys have not been gathered.
 - Anybody can enter and leave the guesthouse.
 - If all master keys have been gathered.
 - If Nanjo left the guesthouse.
 - Battler lied.
 - If Nanjo did not leave the guesthouse.
 - George lied.
 - The culprit is either inside or has a key.

Eighth twilight

Servants: Anybody (as long as they are not trapped inside a room)

Non-servants: Anybody (as long as they are not trapped inside a room)

- If Jessica did not die.
 - George, Maria and Battler lied.
- If Jessica died.
 - If Battler and Maria are not culprits.
 - George or someone else is the culprit.
 - If Battler and Maria are culprits.
 - George is also a culprit.

Hypothesis

First analysis

- Overview of the events transpired.

Second analysis

- Hypothesis: All purple statements are true.
- Result: Impossible because characters cannot suicide.

Third analysis

- Hypothesis: Kanon and Shannon are the culprits.
- Result: Impossible because of a Maria's statement in eight twilight.

Fourth analysis

- Hypothesis: George is innocent therefore Maria is innocent too.
- Result: Too many possibilities exist with too little information.

Fifth analysis

- Hypothesis: Natsuhi is alive so Genji's master key was not destroyed.
- Result: Seems plausible but further investigation is required.

Sixth analysis

- Hypothesis: Battler, George and Maria are culprits.
- Result: There might be a problem with a Kanon's statement or status.

Seventh analysis

- Hypothesis: Jessica is a culprit.
- Result: Highly likely that Jessica is a culprit but not guaranteed.

Final analysis

- The solution of this mystery.

First analysis

The first analysis is an overview of all the events.

First twilight

- Six corpses
 - Gohda: The dining hall was locked up.
 - TRUTH: Only the servants are able to commit these crimes or the murderer is inside the room.
 - LIE: The door is unlocked so anybody is able to commit the crime.
 - Kumasawa: That's when I arrived.
 - TRUTH: She was not near the dining hall but does that matter?
 - LIE: She was with Gohda but that is useless info.
 - Gohda: I unlocked the door with a master key.
 - TRUTH: Only the servants are able to commit these crimes or the murderer is inside the room.
 - LIE: The door is unlocked so anybody is able to commit the crime.
 - Kumasawa: Eva, Hideyoshi, Rudolf, Kyrie, Rosa, and Genji, six people in all, were lying there, covered in blood.
 - TRUTH: Covered in blood does not mean dead but the red truths says that the culprit of the first twilight really did kill six people.
 - LIE: Some of the stated people are not dead but this conflicts with the red truth that says that the culprit of the first twilight really did kill six people.
 - Krauss: Everyone gathered in the dining hall.
 - TRUTH: We know for sure that everybody is in the dining hall.
 - LIE: Some people are missing and could be anywhere, for example in Natsuhi's room waiting for the second twilight or already in the guesthouse.
- Checking the corpses
 - Shannon: The death of each parent was confirmed by their child.
 - TRUTH: We are guaranteed 5 people is dead.
 - LIE: We do not know who is alive or not of the 5.
 - Kanon: Doctor Nanjo and I confirmed that Genji was dead.
 - TRUTH: Genji is dead.
 - LIE: Genji might not be dead.
 - Nanjo: No one will mistakenly confirm a death, even those other than myself.

- TRUTH: If innocent people say someone is death then we know for sure they are dead.
 - LIE: We will never know if someone is dead or not.
- Maria: All of the victims died instantly.
 - TRUTH: Maria does not say the names of the victims so we do not know who is she referring to.
 - LIE: Someone from the 6 people in the dining hall is alive or did not die instantly.
- Closed room crime scene?
 - Krauss: After inspecting the interior of the dining hall, we determined that all of the doors and windows had been locked, making it a closed room.
 - TRUTH: Only the servants are able to commit these crimes or the murderer was already inside the room.
 - LIE: The door or the windows are unlocked so anybody is able to commit the crime.
 - Battler: Nothing suspicious was found inside the dining hall.
 - TRUTH: Nothing out of the ordinary.
 - LIE: Something suspicious was found but what do we classify as suspicious? Some alive people covered in blood?
 - George: There was no one hiding in the dining hall either.
 - TRUTH: We know for sure that nobody was hiding.
 - LIE: Someone or multiple people were hiding.
 - Krauss: It's clear that no one is hiding.
 - TRUTH: We know for sure that nobody was hiding.
 - LIE: Someone or multiple people were hiding.
- Genji's master key
 - Natsuhi: We destroyed Genji's master key.
 - TRUTH: The servants only have keys.
 - LIE: Someone has the keys and they might share them with other murderers.

Agreements

- George and Krauss agree that nobody was hiding in the dining hall.

Characters		
Names	Culprits	Status
Rudolf	Unknown	
Kyrie	Unknown	
Eva	Unknown	
Hideyoshi	Unknown	

Rosa	Unknown	
Genji	Unknown	
Krauss	Unknown	
Natsuhi	Unknown	
Kanon	Unknown	
Shannon	Unknown	
Gohda	Unknown	
Kumasawa	Unknown	
Nanjo	Unknown	
Jessica	Unknown	
Maria	Unknown	
George	Unknown	
Battler	Unknown	

Second twilight

- Natsuhi and Krauss's room
 - Gohda: Natsuhi's room was locked.
 - TRUTH: Door was locked.
 - LIE: Door was not locked.
 - Shannon: I unlocked the door.
 - TRUTH: Door was locked.
 - LIE: Door was not locked.
 - Kanon: Krauss and Natsuhi lay sprawled on the floor inside the room.
 - TRUTH: Laying sprawled on the floor does not mean dead.
 - LIE: Krauss and Natsuhi are not in their room.
- Checking the room and corpses
 - Battler: Doctor Nanjo checked their pulse. Then, he announced that the two of them had died instantly.
 - TRUTH: Krauss and Natsuhi are dead.
 - LIE: Krauss and Natsuhi are not dead.
 - Nanjo: I confirmed both of their deaths. There can be no doubt that they died instantly.
 - TRUTH: Krauss and Natsuhi are dead.
 - LIE: Krauss and Natsuhi are not dead.
 - Jessica: I found that the windows and doors were all locked, making it a closed room.
 - TRUTH: Only servants can open the door.
 - LIE: Anyone can enter and leave the room.
- Alibis for the servants
 - Shannon: All of us servants were together the whole time.
 - TRUTH: Servants were together.
 - LIE: Servants were not together.

- Kanon: All of us servants can prove an alibi for all of the other servants.
 - TRUTH: Servants are not the culprit of the second twilight or all the servants are culprits.
 - LIE: Any servant can be the culprit.
- Preserving the crime scene
 - Maria: We put duct tape all over the outside of the doors and windows, sealing them.
 - TRUTH: Natsuhi's room is sealed.
 - LIE: Natsuhi's room is not sealed.
 - Jessica: We made sure that no one would be able to enter or leave until the police arrive.
 - TRUTH: Natsuhi's room is sealed.
 - LIE: Natsuhi's room is not sealed.
 - Battler: We also sealed the dining hall in the same way.
 - TRUTH: The dining hall is sealed.
 - LIE: The dining hall is not sealed.
 - Nanjo: We also sealed the mansion itself, and all of us took refuge in the guesthouse.
 - TRUTH: The mansion is sealed and everybody is at the guesthouse.
 - LIE: The mansion is not sealed or not everybody went to the guesthouse.

Agreements

- Gohda and Shannon both say that the door is locked.
- Nanjo and Battler both confirm Krauss' and Natsuhi's deaths.
- Maria and Jessica both say that Natsuhi's room has been sealed.

Characters		
Names	Culprits	Status
Rudolf	Unknown	
Kyrie	Unknown	
Eva	Unknown	
Hideyoshi	Unknown	
Rosa	Unknown	
Genji	Unknown	
Krauss	Unknown	
Natsuhi	Unknown	
Kanon	Unknown	
Shannon	Unknown	
Gohda	Unknown	

Kumasawa	Unknown	
Nanjo	Unknown	
Jessica	Unknown	
Maria	Unknown	
George	Unknown	
Battler	Unknown	

Third/fourth twilight

- Shannon and Kanon vanish
 - Jessica: We all went outside to look for them.
 - TRUTH: Everybody went outside.
 - LIE: Not everybody went outside.
 - George: I was forced to acknowledge that Shannon was dead.
 - TRUTH: Shannon is dead.
 - LIE: Shannon might not be dead.
 - Nanjo: I also examined Shannon and confirmed her death.
 - TRUTH: Shannon is dead.
 - LIE: Shannon is not dead.
- Alibis
 - Gohda: Not one of us has an alibi.
 - TRUE: Anybody can be a culprit.
 - LIE: Anybody can be a culprit.
 - Jessica: At least regarding Shannon's death, it was impossible for George to be the murderer.
 - TRUTH: George cannot kill Shannon.
 - LIE: George can kill Shannon.
 - Battler: Anyone could have killed Shannon besides George.
 - TRUTH: George cannot kill Shannon.
 - LIE: George can kill Shannon.
 - Gohda: We destroyed the master key Shannon had held on the spot.
 - TRUTH: Shannon's master key was destroyed.
 - LIE: Shannon's master key was not destroyed.

Agreements

- George and Nanjo both claim that Shannon is dead.
- Jessica and Battler both say that George cannot kill Shannon.

Characters		
Names	Culprits	Status
Rudolf	Unknown	

Kyrie	Unknown	Red
Eva	Unknown	Red
Hideyoshi	Unknown	Red
Rosa	Unknown	Red
Genji	Unknown	Red
Krauss	Unknown	Red
Natsuhi	Unknown	Red
Kanon	Unknown	Yellow
Shannon	Unknown	Red
Gohda	Unknown	Green
Kumasawa	Unknown	Green
Nanjo	Unknown	Green
Jessica	Unknown	Green
Maria	Unknown	Green
George	Unknown	Green
Battler	Unknown	Green

Fifth/sixth twilight

- Two corpses
 - Nanjo: Judging by these wounds, Gohda and Kumasawa died instantly.
 - TRUTH: Gohda and Kumasawa are dead.
 - LIE: Gohda and Kumasawa might not be dead.
 - Jessica: Gohda and Kumasawa are both dead.
 - TRUTH: Gohda and Kumasawa are dead.
 - LIE: Gohda and Kumasawa might not be dead.
- Alibis
 - Battler: None of us has an alibi.
 - TRUTH: Anybody can be the culprit.
 - LIE: Anybody can be the culprit.
 - Jessica: The four cousins and Doctor Nanjo couldn't have killed Gohda and Kumasawa.
 - TRUTH: Suicide or somebody from outside killed them.
 - LIE: Anybody can be the culprit.
- Preserving the crime scene?
 - George: The guesthouse was still completely locked up.
 - TRUTH: Nobody without master key can enter.
 - LIE: Anybody can enter the guesthouse.
 - Battler: No master keys exist anymore except the two keys on the two people who lie dead here.
 - TRUTH: The remaining master keys are in the guesthouse.
 - LIE: Genji's or Shannon's master key was not destroyed.

Agreements

- Nanjo and Jessica agree that Gohda and Kumasawa are dead.

Contradictions

- Battler says that nobody has an alibi meaning that any of the four cousins or Nanjo could have killed Gohda and Kumasawa meanwhile Jessica says that they could not have killed them.

Characters		
Names	Culprits	Status
Rudolf	Unknown	Red
Kyrie	Unknown	Red
Eva	Unknown	Red
Hideyoshi	Unknown	Red
Rosa	Unknown	Red
Genji	Unknown	Red
Krauss	Unknown	Red
Natsuhi	Unknown	Red
Kanon	Unknown	Yellow
Shannon	Unknown	Red
Gohda	Unknown	Red
Kumasawa	Unknown	Red
Nanjo	Unknown	Green
Jessica	Unknown	Green
Maria	Unknown	Green
George	Unknown	Green
Battler	Unknown	Green

Seventh twilight

- Nanjo's corpse
 - Jessica: Nanjo is dead. Nanjo has been killed.
 - TRUTH: Nanjo is dead.
 - LIE: Nanjo might not be dead.
 - George: This was an instant death.
 - TRUTH: Nanjo is dead.
 - LIE: Nanjo might not be dead.
 - Maria: Everything is locked up perfectly.
 - TRUTH: The guesthouse is locked.
 - LIE: Anybody can enter the guesthouse.
- Is one of the four the culprit?

- Jessica: Maria, Battler, George and I all couldn't have killed Doctor Nanjo.
 - TRUTH: Somebody else killed Nanjo.
 - LIE: Anybody can be the culprit.
- George: No one could kill Doctor Nanjo inside the guesthouse.
 - TRUTH: Doctor Nanjo left the guesthouse.
 - LIE: Anybody can be the culprit.
- Battler: This is proof that Doctor Nanjo didn't leave the guesthouse.
 - TRUTH: Doctor Nanjo did not leave the guesthouse.
 - LIE: Doctor Nanjo left the guesthouse.

Agreements

- Jessica and George both say that Doctor Nanjo is dead.

Contradictions

- George says that nobody could have killed Nanjo if he was inside the guesthouse implying that Nanjo at some point left the guesthouse meanwhile Battler says that Nanjo never left the guesthouse.

Characters		
Names	Culprits	Status
Rudolf	Unknown	Red
Kyrie	Unknown	Red
Eva	Unknown	Red
Hideyoshi	Unknown	Red
Rosa	Unknown	Red
Genji	Unknown	Red
Krauss	Unknown	Red
Natsuhi	Unknown	Red
Kanon	Unknown	Yellow
Shannon	Unknown	Red
Gohda	Unknown	Red
Kumasawa	Unknown	Red
Nanjo	Unknown	Red
Jessica	Unknown	Green
Maria	Unknown	Green
George	Unknown	Green
Battler	Unknown	Green

Eighth twilight

- Jessica's corpse
 - George: Jessica probably died instantly.
 - TRUTH: Jessica is dead.
 - LIE: Jessica might not be dead.
 - Maria: There's no way Jessica could live through this.
 - TRUTH: Jessica is dead.
 - LIE: Jessica might not be dead.
- Who killed her?
 - Battler: George, Maria and I couldn't have killed Jessica.
 - TRUTH: Suicide or somebody else killed Jessica.
 - LIE: Anybody can be the culprit.
 - Maria: The three of us couldn't have killed Jessica.
 - TRUTH: Suicide or somebody else killed Jessica.
 - LIE: Anybody can be the culprit.
 - George: Maria couldn't kill anyone.
 - TRUTH: Maria is innocent.
 - LIE: Maria can be a culprit.
 - Maria: George couldn't kill an adult. He could kill a kid though.
 - TRUTH: George can kill Jessica, Kanon and Shannon.
 - LIE: George can kill anyone.

Agreements

- George and Maria say that Jessica is dead.
- Battler and Maria say that the people alive cannot have killed her.

Characters		
Names	Culprits	Status
Rudolf	Unknown	
Kyrie	Unknown	
Eva	Unknown	
Hideyoshi	Unknown	
Rosa	Unknown	
Genji	Unknown	
Krauss	Unknown	
Natsuhi	Unknown	
Kanon	Unknown	
Shannon	Unknown	
Gohda	Unknown	
Kumasawa	Unknown	
Nanjo	Unknown	

Jessica	Unknown	
Maria	Unknown	
George	Unknown	
Battler	Unknown	

Recap

- Death confirmations
 - First twilight
 - Shannon and Kanon
 - Does not really matter since we know thanks to the red truth that Rudolf, Kyrie, Eva, Hideyoshi, Rosa and Genji are dead.
 - Second twilight
 - Nanjo and Battler
 - Third/fourth twilight
 - Nanjo and George
 - They only confirm Shannon's death since Kanon is treated as being killed because of the red truth.
 - Fifth/sixth twilight
 - Nanjo and Jessica
 - Seventh twilight
 - George and Jessica
 - Eight twilight
 - George and Maria
- Number of purple statements per character
 - Rudolf = 0
 - Kyrie = 0
 - Eva = 0
 - Hideyoshi = 0
 - Rosa = 0
 - Genji = 0
 - Natsuhi = 1
 - Krauss = 2
 - Kumasawa = 2
 - Kanon = 3
 - Shannon = 3
 - Gohda = 5
 - Nanjo = 5
 - Maria = 6
 - George = 7
 - Jessica = 8
 - Battler = 8
- Agreements

- First twilight
 - George and Krauss agree that nobody was hiding in the dining hall.
- Second twilight
 - Gohda and Shannon both say that the door is locked.
 - Nanjo and Battler confirm Krauss' and Natsuhi's deaths.
 - Maria and Jessica say that Natsuhi's room is sealed.
- Third/fourth twilight
 - George and Nanjo both claim that Shannon is dead.
- Fifth/sixth twilight
 - Nanjo and Jessica agree that Gohda and Kumasawa died.
- Seventh twilight
 - Jessica and George both say that Doctor Nanjo is dead.
- Eighth twilight
 - George and Maria say that Jessica is dead.
 - Battler and Maria say that the people alive cannot have killed her.
- Contradictions
 - Fifth/sixth twilight
 - Battler says that any of the four cousins or Nanjo could have killed Gohda and Kumasawa meanwhile Jessica says that they could not have killed them.
 - Seventh twilight
 - George says that nobody could have killed Nanjo if he was inside the guesthouse implying that Nanjo at some point left the guesthouse meanwhile Battler says that Nanjo never left the guesthouse.
- Important things to prove or be careful of
 - First twilight
 - Nanjo: No one will mistakenly confirm a death, even those other than myself.
 - Innocent characters always say the truth so therefore they cannot mistake a death.
 - If what Nanjo says is true then even culprits cannot lie about people's deaths.
 - Krauss: Everyone gathered in the dining hall.
 - Knowing that everybody in the first twilight is in the same place it is a huge advantage.
 - Third/fourth twilight
 - Jessica: We all went outside to look for them.
 - This only applies to the alive people by that point.
 - Eight twilight
 - George: Maria couldn't kill anyone.
 - If true, George and Maria cannot be culprits.

Second analysis

All purple statements are true.

Twilights culprits

- First twilight
 - Kanon
- Second twilight
 - Suicide
- Third/fourth twilight
 - Kanon killed Shannon
- Fifth/sixth twilight
 - Kannon killed both
- Seventh twilight
 - Suicide
- Eight twilight
 - Kannon killed Jessica

Characters		
Names	Culprits	Status
Rudolf	No	Red
Kyrie	No	Red
Eva	No	Red
Hideyoshi	No	Red
Rosa	No	Red
Genji	No	Red
Krauss	No	Red
Natsuhi	No	Red
Kanon	Yes	Green
Shannon	No	Red
Gohda	No	Red
Kumasawa	No	Red
Nanjo	No	Red
Jessica	No	Red
Maria	No	Green
George	No	Green
Battler	No	Green

Impossible because characters cannot suicide.

Conclusions

- Second twilight is a problem since Shannon was an innocent character which means that the second twilight cannot be done by the servants so suicide was the only option. To fix this problem some solutions would be:
 - Natsuhi and Krauss are culprits.
 - Then the people at second twilight which confirm their deaths would be lying which in this case is Nanjo and Battler, however Nanjo dies at the seventh twilight.
 - This would mean that Genji's master key was not destroyed and now it can be shared with other non-servant culprits.
 - Shannon is a culprit.
 - This would mean that the second twilight can be done by Shannon or Kanon, however Shannon dies at the third twilight and the people that talk about her death are George, Nanjo, Jessica and Battler so that would make them all culprits so Nanjo and Jessica cannot die.

Third analysis

Kanon and Shannon are culprits.

Twilights culprit

- First twilight
 - Battler
- Second twilight
 - Jessica and George
- Third/fourth twilight
 - Nobody dies
- Fifth/sixth twilight
 - Kanon and Shannon
- Seventh twilight
 - Nobody dies
- Eight twilight
 - Nobody dies

Characters		
Names	Culprits	Status
Rudolf	No	Red
Kyrie	No	Red
Eva	No	Red
Hideyoshi	No	Red
Rosa	No	Red
Genji	No	Red
Krauss	No	Red
Natsuhi	No	Red
Kanon	Yes	Green
Shannon	Yes	Green
Gohda	No	Red
Kumasawa	No	Red
Nanjo	No	Green
Jessica	Yes	Green
Maria	No	Green
George	Yes	Green
Battler	Yes	Green

Impossible because of a Maria's statement in eight twilight.

- *There's no way Jessica could live through this.*

Conclusions

- Supposedly 14 out of the 17 characters die and it is completely impossible for the 3 remaining characters (Battler, George and Maria) to kill all the other characters thanks to the sixth analysis' conclusions.
- Also, it is not possible for a single culprit to perform all the twilights because this would create a lot of impossible situations like for example, in the second twilight you would need a master key but the servants are not involved in it and if by any chance the culprit was inside the room, it won't be able to get out.
 - We do know for sure that there should be at least 2 culprits and a maximum of 6 culprits.

Fourth analysis

George is innocent therefore Maria is innocent too.

Twilights culprit

- First twilight
 - Unknown
- Second twilight
 - Unknown
- Third/fourth twilight
 - Unknown
- Fifth/sixth twilight
 - Unknown
- Seventh twilight
 - Unknown
- Eight twilight
 - Unknown

Characters		
Names	Culprits	Status
Rudolf	Unknown	
Kyrie	Unknown	
Eva	Unknown	
Hideyoshi	Unknown	
Rosa	Unknown	
Genji	Unknown	
Krauss	Unknown	
Natsuhi	Unknown	
Kanon	Unknown	
Shannon	Unknown	
Gohda	Unknown	
Kumasawa	Unknown	
Nanjo	Unknown	
Jessica	Unknown	
Maria	No	
George	No	
Battler	Unknown	

Impossible to reach a result because too many possibilities exist with too little information.

Conclusions

- It is important to know whether Shannon really dies in the third/fourth twilight since if she did not die then 7 people are guaranteed to be culprits which are: Battler, George, Maria, Jessica, Nanjo, Gohda and Shannon herself.
 - Gohda and Shannon are the ones that make statements about the locked doors in the first and second twilight.
 - If we include Kanon as a culprit then it is plausible that the second twilight can be done by Shannon and Kanon.
 - Nanjo is the one that makes declarations of people's deaths.
 - Jessica supposedly dies in the seventh twilight.
 - This scenario suggests otherwise but therefore Maria has to become a culprit.
 - George and Battler are two of the three supposed alive people at the end of the game so for them to be culprits is desirable.

Fifth analysis

Natsuhi is not dead so Genji's master key was not destroyed.

Twilights culprit

- First twilight
 - Jessica
- Second twilight
 - Natsuhi
- Third/fourth twilight
 - Battler and Nanjo
- Fifth/sixth twilight
 - George and Maria
- Seventh twilight
 - Nobody dies
- Eight twilight
 - Nobody dies

Characters		
Names	Culprits	Status
Rudolf	No	
Kyrie	No	
Eva	No	
Hideyoshi	No	
Rosa	No	
Genji	No	
Krauss	No	
Natsuhi	Yes	
Kanon	No	
Shannon	No	
Gohda	No	
Kumasawa	No	
Nanjo	Yes	
Jessica	Yes	
Maria	Yes	
George	Yes	
Battler	Yes	

Seems that this is a plausible solution but a more in-depth analysis will be required to reach a solid proof evidence.

Conclusions

- In the first twilight, it does not matter whether the door is locked or not since the culprit could have locked it anyways afterwards.
- Natsuhi being a culprit is quite useful since we are guaranteed already a master key from the very beginning and also Natsuhi can easily do the second twilight.
 - Nanjo, Jessica, Battler, George and Maria are forced culprits.

Sixth analysis

Battler, George and Maria are culprits.

Twilights culprits

- First twilight
 - Either Battler, George or Maria
- Second twilight
 - Unknown
- Third/fourth twilight
 - Unknown
- Fifth/sixth twilight
 - Unknown
- Seventh twilight
 - Unknown
- Eight twilight
 - Unknown

Characters		
Names	Culprits	Status
Rudolf	No	Red
Kyrie	No	Red
Eva	No	Red
Hideyoshi	No	Red
Rosa	No	Red
Genji	No	Red
Krauss	No	Red
Natsuhi	No	Red
Kanon	No	Red
Shannon	No	Red
Gohda	No	Red
Kumasawa	No	Red
Nanjo	No	Red
Jessica	No	Red
Maria	Yes	Green
George	Yes	Green
Battler	Yes	Green

There might be a problem with a Kanon's statement or status.

- *Krauss and Natsuhi lay sprawled on the floor inside the room.*
- RED TRUTH: From now on, Kanon is treated as being killed.

Conclusions

- Is it possible to create the first twilight thanks to the conclusions reached at the fifth analysis, however, there seems to be a problem with the second twilight.
 - We would require the help of the servants which are out of the question unless Kanon and Shannon are culprits but then Nanjo and Jessica will also become culprits which would mean we have 7 culprits which is too many because the maximum in this scenario is 5 culprits.
 - We could have Genji's master key but that would imply that Natsuhi, Nanjo and Jessica become forceful culprits and this scenario is viable because 6 culprits are the maximum.
 - Kanon's statement "*Krauss and Natsuhi lay sprawled on the floor inside the room.*" seems to make this theory invalid because maybe by "sprawled" it means dead.
 - Maybe the red truth saying that Kanon is treated as being killed literally means that he is really dead so we can treat his master key as being destroyed otherwise this theory should be viable unless some reasoning mistake or a wrong deduction has been done previously.
 - If the culprit is inside the room, they won't be able to get out of the room unless Jessica becomes a culprit and if either Battler, George or Maria gets stuck in the room we get a logic error, that is why we need more culprits.

Seventh analysis

Jessica is a culprit.

Twilights culprits

- First twilight
 - Unknown
- Second twilight
 - Unknown
- Third/fourth twilight
 - Unknown
- Fifth/sixth twilight
 - Unknown
- Seventh twilight
 - Unknown
- Eight twilight
 - Unknown

Characters		
Names	Culprits	Status
Rudolf	Unknown	
Kyrie	Unknown	
Eva	Unknown	
Hideyoshi	Unknown	
Rosa	Unknown	
Genji	Unknown	
Krauss	Unknown	
Natsuhi	Unknown	
Kanon	Unknown	
Shannon	Unknown	
Gohda	Unknown	
Kumasawa	Unknown	
Nanjo	Unknown	
Jessica	Yes	
Maria	Unknown	
George	Unknown	
Battler	Unknown	

Highly likely that Jessica is a culprit but not guaranteed.

Conclusions

- If Jessica is alive then Battler, George and Maria are culprits but this does not mean Jessica has to be a culprit. Jessica could be perfectly innocent and alive even if she is not mentioned.
 - It is kinda useless to keep an innocent alive since it reduces the number of possible culprits.
 - Same treatment could be applied to Nanjo but that would make Jessica a culprit.
- If Jessica is dead then we know that she was innocent and Nanjo would be innocent too so we would know that everybody except Kanon, Battler, George and Maria are innocent.
 - Shannon guarantees us that 5 of the 6 people in the first twilight are dead however, Kanon is the only one that says that Genji is dead. Also, we have the red truth saying that the culprit of the first twilight really did kill six people.
 - Kanon can pretty much do all the twilights except the second.
 - But the problem is who else can do the second twilight because Battler, George and Maria are unable to do it also, so the only option left would be Genji?
- Sixth analysis has proven impossible to perform all twilights with Battler, George and Maria as culprits so here there are some paths:
 - If Jessica and Kanon are innocent, we reach a logic error because everyone else is dead and performing the other twilights becomes impossible.
 - If Jessica is a culprit, we can have 2 more culprits since the maximum is 6.
 - If Kanon is a culprit, Genji could be so also but Natsuhi destroyed his master key and that's against the red truth in case he was alive.
 - Could it be that Genji is actually dead and the other 5 people of the first twilight might be alive? It seems to be the only possible choice plus the way that Shannon says her statement is very weird compared to all other purple statements because it doesn't really prove anything rather than the statement verdict resides on the kid's examinations themselves which at least one of the three is guaranteed to be a culprit.

Final analysis

This is the current character's status we are currently aware of.

Characters		
Names	Culprits	Status
Rudolf	Unknown	Yellow
Kyrie	Unknown	Yellow
Eva	Unknown	Yellow
Hideyoshi	Unknown	Yellow
Rosa	Unknown	Yellow
Genji	No	Red
Krauss	No	Red
Natsuhi	No	Red
Kanon	No	Red
Shannon	No	Red
Gohda	No	Red
Kumasawa	No	Red
Nanjo	No	Red
Jessica	No	Red
Maria	Unknown	Green
George	Unknown	Green
Battler	Unknown	Green

We have currently 3 alive characters which are Battler, George and Maria. We do know that 2 people from the first twilight except Genji are alive because one will perform the second twilight and get sealed inside the room and the other one will go to the guesthouse and wait meanwhile the characters are at Natsuhi's room during the second twilight.

- We know that it is exactly 2 people because the red truth says that the culprit of the first twilight killed six people and with the current situation the culprit of the first twilight will get trapped inside Natsuhi's room so if the culprit killed the four people in the first twilight and the two of the second twilight it will add up to six.
 - If Maria is a culprit, Rosa will become a culprit so we will require either George or Battler to be a culprit since we need 2 people.
 - It will be more efficient if either George or Battler is a culprit but the possibility that Maria is a culprit exists.
 - If George is innocent, Maria automatically will be proven innocent so Battler will have to be a culprit by force.
 - If Maria is a culprit then George will automatically be a culprit and Battler will probably be innocent but it is not certain.
 - The best strategic outcome is that only Battler is a culprit.

If we examine all the purple statements of the 3 characters, we find some interesting things like for example:

- Maria: All of the victims died instantly.
 - Who really are the victims?
 - The six people or the four people who really died?
 - How does Maria really know if all the parents are dead?
- Battler: Nothing suspicious was found inside the dining hall.
 - If people faked their death, for me at least, it is suspicious.
- George could not have killed Shannon because Jessica says so.
 - We are guaranteed that George at least did not kill Shannon and he cannot also kill Gohda, Kumasawa or Nanjo because Jessica again says so. The only possible victim George is able to kill should be Jessica but Battler and Maria both say that this is not possible and we cannot have all 3 to become culprits because then for the first twilight we would have 3 alive people and we forcefully have to have 2.
 - To sum up, George should be innocent and Maria also which makes Battler the only possible culprit which surprisingly is the best possible outcome in this situation.

Considering that Rudolf, Kyrie and Battler are the only culprits thanks to all the previous deductions, the character's chart should be like the following.

Characters		
Names	Culprits	Status
Rudolf	Yes	Green
Kyrie	Yes	Green
Eva	No	Red
Hideyoshi	No	Red
Rosa	No	Red
Genji	No	Red
Krauss	No	Red
Natsuhi	No	Red
Kanon	No	Red
Shannon	No	Red
Gohda	No	Red
Kumasawa	No	Red
Nanjo	No	Red
Jessica	No	Red
Maria	No	Green
George	No	Green
Battler	Yes	Green

Now I will proceed to explain how everything went by.

First twilight

- So in the first twilight Genji, Eva, Hideyoshi and Rosa died and Rudolf and Kyrie faked their deaths which makes Battler already a culprit since he lied about their deaths and this does not create a contradiction with Shannon's statement because it is true that each child checked if their parents were dead even if they lied about it.
- The murderer of the first twilight has to be either Rudolf or Kyrie, it doesn't matter which of these two, but it cannot be done by Battler because the dining hall was a closed room with the door locked so only people from inside or a servant which is not the case could be able to perform the first twilight.
- Natsuhi destroys Genji's master key which makes 4 remaining keys that Shannon, Kanon, Gohda and Kumasawa have.

Second twilight

- Once the known alive characters leave the room, it does not matter if Rudolf or Kyrie do the second twilight, but they have to forcefully follow these instructions:
 - One goes to Natsuhi's room once both Krauss and Natsuhi are already in it or wait until they arrive. Knock the door, let them open the door, kill them, lock the door and hide in the room.
 - The other one goes to the guesthouse which should be unlocked or they wait outside and slip by during the third/fourth twilight. Battler cannot help because he does not have any master key.
- Hiding in the room is the only possible way since we know that the door is locked when everyone arrives, the servants are not involved at all and Genji's master key has been destroyed so the only option is to hide inside which does not create any problems since nobody mentions that nobody was hiding inside the room.
- Once the alive crew leaves Natsuhi's room, they seal the room trapping the culprit inside and the culprit has no way to leave this room because of the red truth.
 - RED TRUTH: All of the seals on Natsuhi's room, the dining hall, and the mansion itself will not be broken.
 - Battler is the one that says that they sealed the dining hall but even if they did or not, it does not matter in this situation at all because when they sealed it, both Rudolf and Kyrie already left the room.
 - RED TRUTH: No culprit joined the group as they left.

Third/fourth twilight

- At the end of the second twilight, they sealed the mansion and went to the guesthouse which the culprit might already be inside or not. At some point in time, they left the guesthouse to go outside and search for Kanon and Shannon.
- The culprit of this twilight has to be forcefully Battler because we need him to become a culprit and this is the only twilight he is able to do it because Gohda says that nobody has an alibi which is perfect.
- Both Kanon and Shannon die and both master keys were destroyed and 2 master keys remain which Gohda and Kumasawa possess.
- The alive characters return to the guesthouse and this time the culprit of the fifth/sixth twilight is already inside.

Fifth/sixth twilight

- Gohda and Kumasawa both die and their master keys remain in the guesthouse but are not destroyed.
- In this twilight, we have a very important contradiction where Battler says that nobody has an alibi meaning that any of the four cousins or Nanjo could have killed Gohda and Kumasawa meanwhile Jessica says that they could not have killed them and we know that she is not a culprit so Battler is a guaranteed culprit since he lied.
- The guesthouse is locked up and there are no other master keys available meaning that the culprit is inside and it is not one of the supposed alive people because of Jessica's purple statement.

Seventh twilight

- Before the beginning of the seventh twilight, the culprit left the guesthouse with the help of Battler or the 2 remaining master keys.
- Later on, it is found that Nanjo is dead and that the supposed alive people could not have killed him.
- Here a contradiction appears where George says that nobody could have killed Nanjo inside the guesthouse implying that Nanjo at some point left the guesthouse meanwhile Battler says that Nanjo never left the guesthouse.
 - We know that Battler is a culprit and that George and Maria are innocent so Nanjo for some reason, probably lured out by the culprit, left the guesthouse, died, and the culprit with the help of a master key or Battler, brought dead Nanjo inside the guesthouse again and locked the door.
- This twilight can have lots of different possibilities and variations.

Eighth twilight

- The guesthouse's door is initially locked again but Jessica unlocks it and goes outside to get killed by the culprit who was already waiting outside or the culprit simply left the guesthouse if it was still there once it saw Jessica leave.
- We know that either Battler, George or Maria are unable to kill Jessica because of Maria's purple statement so it has to be the remaining alive person of the first twilight because the other one is still stuck inside Natsuhi's room since the second twilight.

And this should be the nail in the coffin to this murder mystery. I am aware that this will not be a 100% accuracy replication of all the events that happened, mainly because we miss some information, but this should be an explanation more than good enough to be accepted as a correct answer because everything makes sense and it does not create any logic error.

Conclusions

Overall, a murder mystery I enjoyed a lot.

I read all the hints available once I solved this puzzle and I discovered that I made this puzzle extremely harder than it should because I forgot a very important rule of this game which is:

- Outside of spoken statements, there are no lies in the narration.

I only focused on the purple statements and basically read the narration one and then ignored it for the rest of the time and this was a major mistake because in the narration there are 2 clues which make this puzzle way easier which are the confirmation of the deaths of Nanjo and Jessica which breaks this puzzle apart and dismantles it. I am kinda annoyed that I spent a lot of time in this puzzle and missed such important information but I am also kinda impressed that I managed to solve this without this information.

Another important thing that I had a problem with and that was probably my mistake, was Kanon's status and his master key. I was really worried whether Kanon was alive, dead or was a culprit because we get very little information about him and then we get that problematic red truth.

- Kanon is treated as being killed.
- Kanon's master key is treated as being destroyed.

Seems that the answer to this problem was very easy. Kanon is dead and his master key is destroyed, even the official answer gives very little thought about this and I am quite mad because I really was wrecking my brain with Kanon, and with his death we also can confirm Genji's death which was essential in the solution to this puzzle.

Lastly, I would like to talk about the red truth of the first twilight:

- The culprit of the first twilight really did kill six people.

I was very sceptical about this red truth from the very beginning and I was right about it but the problem does not really come from it, but comes from Shannon's purple statement during the first twilight:

- The death of each parent was confirmed by their child.

Unlike Kanon's issue, I took this purple statement for granted without thinking about it too much and it made me lots of troubles, but at the very end I realized and managed to solve the puzzle thanks to this.

