PQ = Polar Question
NAQ= Negative Alternative Question
CAQ = Complement Alternative Question
CTRL = Control

Experiment 1A: Invitations

Item 1
Bob just moved to Sacramento and Emily, a long time resident of the city, wants to invite him out for dinner with her colleagues. Therefore, Emily asks Bob:
PQ: “Will you join us for dinner tonight?”
NAQ: “Will you join us for dinner tonight or not?”
CAQ: “Will you join us for dinner tonight or do you have other plans?”
CTRL: “Will you wear the same t-shirt tomorrow at work?”

Item 2
Gaby finds out that they just opened a new place downtown and would like to invite Laura to try it out together. She thus turns to Laura and asks:
PQ: “Would you like to try the new place tonight?”
NAQ: “Would you like to try the new place tonight or not?”
CAQ: “Would you like to try the new place tonight or would you rather do something else?”
CTRL: “Do you want some cake?”

Item 3
Susan got an invitation for a conference in the USA and the organizers offer to cover the traveling costs for an extra person. Susan wants to invite her roommate Doris. As soon as she comes home, she tells her about the conference invite and asks:
PQ: “Do you want to come to the US with me?”
NAQ: “Do you want to come to the US with me or not?”
CAQ: “Do you want to come to the US with me or would you rather stay here?”
CTRL: “Would you like a bag?”

Item 4
It's very cold outside. Tom has an extra scarf in his backpack and wants to offer it to his friend Mark, who isn't wearing one. Tom thus turns to Mark and asks:
PQ: “Do you want a scarf?”
NAQ: “Do you want a scarf or not?”
CAQ: “Do you want a scarf or are you good?”
CTRL: “Do you think it’s going to snow?”

Item 5
Joe and Fred are at a party. At some point Joe receives a call from Mary, who invites him over to her own party. John decides to go and wants to invite Fred to join. So John turns to Fred and asks him:
PQ: “Hey, do you want to come to Mary's?”
NAQ: “Hey, do you want to come to Mary's or not?”
CAQ: “Hey, do you want to come to Mary's or would you rather stay here?”
CTRL: “Do you think it’s going to rain tomorrow?”

Item 6
After Sylvie interviewed a candidate for a job at her company, she decides to offer her the position. She thus asks the candidate:
PQ: “Do you want to join our team?”
NAQ: “Do you want to join our team or not?”
CAQ: “Do you want to join our team or do you have other career plans?”
CTRL: “Do you have a cat?”

Item 7
There is a dinner party at Barbara's place and she wants to make sure everybody is having a good time. Her friend John has no food left in his plate and Barbara wants to offer him some more. She thus asks him:
PQ: “Do you want more food?”
NAQ: “Do you want more food or not?”
CAQ: “Do you want more food or are you good?”
CTRL: “Do you like the decorations in the house?”

Item 8
Sam tells his friend Peter that he plans to visit his parents on a Friday night. Peter, however, has an extra ticket to a concert and wants to invite Sam to come along. He thus asks:
PQ: “Do you wanna come to a concert with me?”
NAQ: “Do you wanna come to a concert with me or not?”
CAQ: “Do you wanna come to a concert with me or would you rather visit your parents?”
CTRL: “Do you have other hobbies than playing video games?”

Item 9
Anna wants to see the new movie that was just released but she doesn’t want to go alone, therefore she asks her friend John:
PQ: “Do you want to watch the movie tonight?“
NAQ: “Do you want to watch the movie tonight or not?“
CAQ: “Do you want to watch the movie tonight or would you rather stay home?“
CTRL: “Do you want new shoes?“

Item 10
James is swimming with his friend Tina. The sun is burning. James brought sunscreen and asks Tina:
PQ: “Do you want sunscreen?“
NAQ: “Do you want sunscreen or not?“
CAQ: “Do you want sunscreen or are you fine?“
CTRL: “Do you want an apple?“

Item 11
Mark and Claire are at a karaoke bar. They want to sing a song, but they are too shy to sing alone. They know that their other friend Gary is a very good singer, thus they ask him:
PQ: “Do you want to sing a song with us?“
NAQ: “Do you want to sing a song with us or not?“
CAQ: “Do you want to sing a song with us or would you rather stay at this table?“
CTRL: “Do you want to go to the hairdresser?“

Item 12
It is sunny outside. Ben would like to go out and enjoy the sun. He calls Mary and asks her:
PQ: “Hey Mary, would you like to go to the park with me?“
NAQ: “Hey Mary, would you like to go to the park with me or not?“
CAQ: “Hey Mary, would you like to go the park with me or would you rather stay home?“
CTRL: “Hey Mary, do you have a book for me to read?“

Item 13
Peter ate a lot over the holidays and now wants to lose weight. He calls his workout buddy Ben to ask if he wants to go to the gym with him:
PQ: “Hey Ben, do you want to go to the gym?“
NAQ: “Hey Ben, do you want to go to the gym with me or not?“
CAQ: “Hey Ben, do you want to go to the gym with me or would you rather relax today?“
CTRL: “Hey Ben, do you want to go to Greece with me?“

Item 14
Bruce just read that it snowed in the Alps and wants to go skiing. He thus turns to his girlfriend and asks her:
PQ: “Do you want to go skiing tomorrow?“
NAQ: “Do you want to go skiing tomorrow or not?“
CAQ: “Do you want to go skiing tomorrow or would you rather stay here?“
CTRL: “Do you want to get coffee tomorrow?“

Item 15
John is a big soccer fan and his favorite team is FC Bayern. He has two tickets for their next match and wants to invite his friend Jack, also a huge fan. He thus asks him:
PQ: “Would you like to go to the FC Bayern game with me?“
NAQ: “Would you like to go to the FC Bayern game with me or not?“
CAQ: “Would you like to go to the FC Bayern game with me or would you rather watch it on TV?
CTRL: “Would you like some water?“

Item 16
Mona heard that a new club opened close to her house. She wants to check it out and asks her friends if they want to go there with her:
PQ: “Hey, do you want to check out the new club down the street?“
NAQ: “Hey, do you want to check out the new club down the street or not?“
CAQ: “Hey, do you want to check out the new club down the street or would you rather chill at home?“
CTRL: “Hey, do you want to go swimming?“

Item 17
Tim doesn’t have plans for New Year’s Eve yet. So, Ron invites him to the party he’s hosting and asks him:
PQ: “Do you want to come to my party on New Year’s Eve?”
NAQ: “Do you want to come to my party on New Year’s Eve or not?”
CAQ: “Do you want to come to my party on New Year’s Eve or would you rather do something else?”
CTRL: “When is the last time you called your mother on the phone?”

Item 18
Monica needs to walk her dog. Since the weather is very nice, she asks her neighbor Mike if he would like to join her:
PQ: “Do you want to come walk the dog with me?“
NAQ: “Do you want to come walk the dog with me or not?“
CAQ: “Do you want to come walk my dog with me or would you rather stay home?“
CTRL: “What did you have for lunch?”

Item 19
Lena has a cavity. She is scared of going to the dentist, so her friend Lisa offers to go with her:
PQ: “Do you want me to come to the dentist with you?“
NAQ: “Do you want me to come to the dentist with you or not?“
CAQ: “Do you want me to come to the dentist with you or would you rather go alone?“
CTRL: “What’s the name of your landlord?”

Item 20
Karen read an amazing book. She thinks her friend Otto would enjoy it as well, so she offers to lend him the book and asks:
PQ: “Would you like to read this book?“
NAQ: “Would you like to read this book or not?”
CAQ: “Would you like to read this book or would you rather read something else?”
CTRL: “Would you like to do a picnic at the park?”

Item 21
Mimi has been to Disneyland and wants to check it out over the summer break. She asks her friends if they want to go there with her:
PQ: “Do you want to come with me to Disneyland?“
NAQ: “Do you want to come with me to Disneyland or not?“
CAQ: “Do you want to come with me to Disneyland or do you have other plans?“
CTRL: “Do you want to go to the movies together?“

Item 22
Luke just opened his own coffee shop. He invites his friend Brenda to check it out and enjoy some coffee on the house:
PQ: “Do you want to come check out my new coffee shop today?“
NAQ: “Do you want to come check out my new coffee shop today or not?“
CAQ: “Do you want to come check out my new coffee shop today or do you have other plans?“
CTRL: “Have you ever been to Canada?“

Item 23
Ross wants to throw a surprise party for Emma and he’s inviting some friends to participate. He thus asks Anne:
PQ: “Would you like to come to Emma’s surprise party?“
NAQ: “Would you like to come to Emma’s surprise party or not?“

CAQ: “Would you like to come to Emma’s surprise party or would you rather do something else?”
CTRL: “Should I sleep more?“

Item 24
Rachel wants to see her grandparents over the weekend. As they live very far from her she invites them to a restaurant where they usually meet, which is halfway between their homes. She thus asks them:
PQ: “Do you want to meet at the restaurant this weekend?“
NAQ: “Do you want to meet at the restaurant this weekend or not?“
CAQ: “Do you want to meet at the restaurant this weekend or do you have other plans?“
CTRL: “How’s the cat?“

Experiment 1B: Rhetorical

Item 1
Frank and Mark are playing on the same team during a football game. Frank just passed the ball and Mark lost it again. Frank wants Mark to play better and thus yells:
PQ: “You’re being sloppy! Do you want to lose?”
NAQ: “You’re being sloppy! Do you want to lose or not?”
CAQ: “You’re being sloppy! Do you want to lose or win?”
CTRL: “You’re being sloppy! Do you like gummy bears?”

Item 2
Daniel and Sandra are strolling through the city, looking for a restaurant because they are both hungry. Daniel is very picky and keeps rejecting every restaurant Sandra suggests. So, Sandra reacts and asks:
PQ: “Stop turning down places! Do you want to starve for the rest of your life?”
NAQ: “Stop turning down places! Do you want to starve for the rest of your life or not?”
CAQ: “Stop turning down places! Do you want to starve for the rest of your life or eat something?”
CTRL: “Stop turning down places! Do you think my hair looks nice?”

Item 3
Victor and Mary grow vegetables at home. Mary waters the tomatoes too often. Victor wants to suggest that this is not a great idea and asks:
PQ: “You’re overwatering the tomatoes! Do you want to kill them?”
NAQ: “You’re overwatering the tomatoes! Do you want to kill them or not?”
CAQ: “You’re overwatering the tomatoes! Do you want to kill them or grow them?”
CTRL: “You’re overwatering the tomatoes! Are apricots yellow or orange?”

Item 4
Steve and Walter are at a party together and Steve offered Walter a ride home. They agreed on leaving at 1, but it’s 1:30 now and Walter is still chatting and having a beer. Steve really wants to leave and thus asks:
PQ: “Stop wasting time! Do you want to walk home?”
NAQ: “Stop wasting time! Do you want to walk home or not?”

CAQ: “Stop wasting time! Do you want to walk home or do you want to ride with me?”
CTRL: “Stop wasting time! Is that IPA beer you’re drinking?”

Item 5
Luke is having dinner with his parents and his mother told him that if he finishes his vegetables, he will get ice-cream for dessert. Otherwise, he will be forced to go to bed. Luke is not eating his vegetables though, so his mum asks:
PQ: “Stop refusing to eat the vegetables! Do you want to go straight to bed?”
NAQ: “Stop refusing to eat the vegetables! Do you want to go straight to bed or not?”
CAQ: “Stop refusing to eat the vegetables! Do you want to go straight to bed or do you want ice-cream?”
CTRL: “Stop refusing to eat the vegetables! Are you going to play with your Lego later?”

Item 6
Franca is nervous about her driving lessons and tells her mother she doesn’t want to go. Her mother wants her to push through and go, so she says:
PQ: “You’re being stubborn now! Do you want to take public transportation for the rest of your life?”
NAQ: “You’re being stubborn now! Do you want to take public transportation for the rest of your life or not?”
CAQ: “You’re being stubborn now! Do you want to take public transportation for the rest of your life or get a driving license?”
CTRL: “You’re being stubborn now! Do you want a piece of chocolate cake?”

Item 7
Martha and Jessica are preparing for prom and Jessica is plucking Martha’s eyebrows. Martha is screaming because it hurts. Jessica wants her to calm down:
PQ: “Stop screaming! Do you want your eyebrows to look ugly?”
NAQ: “Stop screaming! Do you want your eyebrows to look ugly or not?”
CAQ: “Stop screaming! Do you want your eyebrows to look ugly or pretty?”
CTRL: “Stop screaming! Do you want to get food before going?”

Item 8
Patricia and Karen have to prepare food for a large group and don’t have enough eggs. However, they found some extra eggs that expired a few days before and Patricia thinks they should use them anyway. Karen doesn’t think this is a good idea and asks:
PQ: “Don’t even think of using these eggs! Do you want to make everybody sick?”
NAQ: “Don’t even think of using these eggs! Do you want to make everybody sick or not?”
CAQ: “Don’t even think of using these eggs! Do you want to make everybody sick or prepare a good dinner for everyone?”
CTRL: “Don’t even think of using these eggs! Do you we have enough parmesan cheese?”

Item 9
Pete and Ryan are at a bar and Pete really likes one of the girls there. Pete is shy, but Ryan wants him to try to talk to her. He thus asks:
PQ: “Stop being so shy! Do you want to stay single forever?”
NAQ: “Stop being so shy! Do you want to stay single forever or not?”

CAQ: “Stop being so shy! Do you want to stay single forever or meet someone eventually?”
CTRL: “Stop being so shy! Do you like ice hockey?”

Item 10
The dentist just told Martina she needs braces and she is very upset. Her mother wants to make her understand that braces will help her in the long run, so she asks:
PQ: “Braces are so important! Do you want your teeth to look ugly forever?”
NAQ: “Braces are so important! Do you want your teeth to look ugly forever or not?”
CAQ: “Braces are so important! Do you want your teeth to look ugly forever or do you want them to look fine?”
CTRL: “Braces are so important! Where do you want to have lunch today?”

Item 11
Jan and Elena have been watching a series and it has gotten very late.The episode is ending and Elena suggests watching another episode. Jan thinks it’s better to stop and go to bed, so he asks:
PQ: “We’re too tired to watch another one! Do you want to be half dead tomorrow?”
NAQ: “We’re too tired to watch another one! Do you want to be half dead tomorrow or not?”
CAQ: “We’re too tired to watch another one! Do you want to be half dead tomorrow or be rested?”
CTRL: “We’re too tired to watch another one! Are dolphins mammals?”

Item 12
Valery is training with her personal trainer and says she needs a break. The personal trainer wants to push her, so he asks:
PQ: “There’s no need to take a break now. Are you a lazy person?”
NAQ: “There’s no need to take a break now. Are you a lazy person or not?”
CAQ: “There’s no need to take a break now. Are you a lazy person or an active one?”
CTRL: “There’s no need to take a break now. Did you ever try spinach with cream pasta?”

Item 13
Natasha is a professional violinist. After she makes a really bad mistake, the conductor wants to make clear that she needs to practice more. He thus asks her:
PQ: “I can’t believe you made that mistake! Are you a beginner?”
NAQ: “I can’t believe you made that mistake! Are you a beginner or not?”
CAQ: “I can’t believe you made that mistake! Are you a beginner or a professional?”
CTRL: “I can’t believe you made that mistake! What’s the weather like today?”

Item 14
Bob always gets sick when going on rollercoasters. He’s at an amusement park with her friend Amanda and says we wants to get on it. Amanda wants him to reconsider and asks:
PQ: “Don’t go on the rollercoaster! Do you wanna get sick?”
NAQ: “Don’t go on the rollercoaster! Do you wanna get sick or not?”
CAQ: “Don’t go on the rollercoaster! Do you wanna get sick or do you want to be ok?”
CTRL: “Don’t go on the rollercoaster! Do you like sugar cotton?”

Item 15
Marina is staying at Lily's for the night and has to sleep on an inflatable bed. Lily asks Marina to help her inflate it, but Marina is looking at her phone and ignores her. Lily wants her to understand that she needs her help. She asks:
PQ: "Stop looking at your phone! Do you wanna sleep on the floor?"
NAQ: "Stop looking at your phone! Do you wanna sleep on the floor or not?"
CAQ: "Stop looking at your phone! Do you wanna sleep on the floor or on the bed?"
CTRL: "Stop looking at your phone! Are you afraid on planes?"

Item 16
Bob and Sammy are planning to attend a charity event. The entrance fee is 30 dollars and Bob is complaining that it's too much. Sammy wants to remind him of the fact that the money goes to charity. She asks:
PQ: "Come on! Don't be a chipskate! Do you only want to think about yourself?"
NAQ: "Come on! Don't be a chipskate! Do you only want to think about yourself or not?"
CAQ: "Come on! Don't be a chipskate! Do you only want to think about yourself or do you want to help others too?"
CTRL: "Come on! Don't be a chipskate! Do you think there will be food?"

Item 17
A football player complains that the drills in practice are too hard and asks for a day off. The coach wants to remind him that going through difficulties is an essential part of becoming a good player and intends to deny the request. He thus asks:
PQ: "Come on! Show me some effort! Are you a child?"
NAQ: "Come on! Show me some effort! Are you a child or not?"
CAQ: "Come on! Show me some effort! Are you a child or are you an adult?"
CTRL: "Come on! Show me some effort! Is there any beer in the fridge?"

Item 18
John and Sally are on vacation in Italy. John wants to try a restaurant that is almost 50 miles away from their hotel, but the restaurant is closing in 20 minutes. He says that if he drives fast enough they are going to make it. Sally wants to dissuade him because she thinks it would be to dangerous to go so fast. She thus asks:
PQ: "You'd need to fly to get there in time! Do you want to die?"
NAQ: "You'd need to fly to get there in time! Do you want to die or not?"
CAQ: "You'd need to fly to get there in time! Do you want to die or do you want to live?"
CTRL: "You'd need to fly to get there in time! Do you want to try pasta or pizza?"

Item 19
George is fishing with his 8-year-old son Paul. Paul is getting bored and asks his dad if he can toss some stones in the water. George doesn't want him to do so, because it would spook the fish and compromise the fishing trip. He thus asks his son:
PQ: "Don't even think of tossing stones! Do you want to go home empty-handed?"
NAQ: "Don't even think of tossing stones! Do you want to go home empty-handed or not?"
CAQ: "Don't even think of tossing stones! Do you want to go home empty-handed or do you want to catch something?"
CTRL: "Don't even think of tossing stones! Do you think mom was angry this morning?"

Item 20
It has snowed all night and the outside temperature is below freezing. Hannah wants to go play outside in her pajamas, but her mom is afraid that she might get sick. She thus tries to dissuade her by asking:
PQ: “Don’t even think of going out like that! Do you want to get pneumonia?”
NAQ: “Don’t even think of going out like that! Do you want to get pneumonia or not?”
CAQ: “Don’t even think of going out like that! Do you want to get pneumonia or do you want to stay healthy?”
CTRL: “Don’t even think of going out like that! Do you think dad will remember to buy food tonight?”

Item 21
For the third time in a row, Terry asks for an extension on her assignment. The professor, however, wants her to be more dependable and thus intends to deny her request. He therefore responds:
PQ: “You’ve already asked me for an extension twice! Do you want to fail the class?”
NAQ: “You’ve already asked me for an extension twice! Do you want to fail the class or not?”
CAQ: “You’ve already asked me for an extension twice! Do you want to fail the class or do you want to pass?”
CTRL: “You’ve already asked me for an extension twice! Do you want to fail the class?”

Item 22
Thomas is getting ready for the first day at his new job. He asks his girlfriend Pat what she thinks about his outfit. His clothes are not matching and she wants to convince him to change. She thus asks:
PQ: “Take off that shirt! Do you want to look like an idiot?”
NAQ: “Take off that shirt! Do you want to look like an idiot or not?”
CAQ: “Take off that shirt! Do you want to look like an idiot or like a normal person?”
CTRL: “Take off that shirt! Are tomatoes considered to be fruit or vegetable?”

Item 23
Maria is in the supermarket and her son Sam would like to have some candy. After Maria says no, Sam starts crying. Maria wants him to realize that he is behaving in a very childish way. She thus asks:
PQ: “Come on! You’re being pathetic! Are you a crybaby?”
NAQ: “Come on! You’re being pathetic! Are you a crybaby or not?”
CAQ: “Come on! You’re being pathetic! Are you a crybaby or a tough kid?”
CTRL: “Come on! You’re being pathetic! Do you want to play with Lego?”

Item 24
Dimitri got a lot of bad grades this year and is considering dropping out of school. He brings it up with his parents. His father, however, doesn’t want him to give up. He thus asks:
PQ: “You can’t give up now! Are you a crybaby?”
NAQ: “You can’t give up now! Are you a crybaby or not?”
CAQ: “You can’t give up now! Are you a crybaby or an adult?”
CTRL: “You can’t give up now! Do you like Star Wars?”

Experiment 1C: Inferences

Item 1
Dave tells Anna that he does not want to sleep in the same room as Brad. Anna wants to find out why and thinks it might be because Brad snores. Anna thus asks Dave:
PQ: “I’m just trying to understand. Does David snore?”
NAQ: “I’m just trying to understand. Does David snore or not?”
CAQ: “I’m just trying to understand. Does David snore or is he quiet?”
CTRL: "I’m just trying to understand. Does David work downtown?”

Item 2
Greg asks her niece Rebecca if she wants to visit him for the weekend, but Rebecca says that she has to study. Greg wonders why and suspects exams might be approaching. He thus asks:
PQ: “I didn’t know she had to study. Is it exam week already?“
NAQ: “I didn’t know she had to study. Is it exam week already or not?”
CAQ: “I didn’t know she had to study. Is it exam week already or is it still lecture period?”
CTRL: “I didn’t know she had to study. Is it because it's going to be cold?”

Item 3
Right after getting up, Fred is shivering. Brenda wonders what might have happened. She thus asks:
PQ: “It’s so cold in here. Did you leave the window open all night?“
NAQ: “It’s so cold in here. Did you leave the window open all night or not?“
CAQ: “It’s so cold in here. Did you leave the window open all night or did you close it?“
CTRL: “It’s so cold in here. Did you see that there is a shoe rack by the front door?“

Item 4
Bob is throwing a party and realizes at the last minute that there isn't any vodka. He thus runs to the liquor store to buy some. 10 minutes later, he comes back with no vodka. When he sees him, his brother John wonders why he is empty-handed and asks him:
PQ: "Hmm, it looks you like you got nothing. Did they run out of vodka at the liquor store?“
NAQ: “Hmm, it looks you like you got nothing. Did they run out of vodka at the liquor store or not?“
CAQ: “Hmm, it looks you like you got nothing. Did they run out of vodka at the liquor store or did they still have some?"
CTRL: “Hmm, it looks you like you got nothing. Did they re-open the museum downtown?"

Item 5
Mary comes in the room completely wet. John wants to find out the reason why she is wet and suspects that it could be because of the weather. He therefore asks:
PQ: “Oh, you’re wet. Is it raining?”
NAQ: “Oh, you’re wet. Is it raining or not?”
CAQ: “Oh, you’re wet. Is it raining or is it sunny?”
CTRL: “Oh, you’re wet. Is it a problem if I smoke?”

Item 6
Joe observes Mary as she is watering the flowers in her living room. John notices that she doesn't water the flowers in a corner, and wants to find out why. He thus asks:
PQ: “You didn’t water those flowers. Are they fake?”
NAQ: “You didn’t water those flowers. Are they fake or not?”
CAQ: “You didn’t water those flowers. Are they fake or are they real?”
CTRL: “You didn’t water these flowers. Are dumplings vegetarian?”

Item 7
Natasha enrolled in a high school where all first year students have to take either Ancient Greek or Latin. As she hears sophomore Amanda talk about the meaning of Greek words, Natasha suspects that Amanda took Greek. To see if her guess is right, she asks:
PQ: “Hmm, you talk about Greek words. Did you take Ancient Greek?”
NAQ: “Hmm, you talk about Greek words. Did you take Ancient Greek or not?”
CAQ: “Hmm, you talk about Greek words. Did you take Ancient Greek or Latin?”
CTRL: “Hmm, you talk about Greek words. Did you take Physics?”

Item 8
Right before the beginning of spring break, George sees camping equipment all around Joe's house and wonders why it's there. He thus asks:
PQ: “I see camping stuff around. Are you going camping for spring break?”
NAQ: “I see camping stuff around. Are you going camping for spring break or not?”
CAQ: “I see camping stuff around. Are you going camping for spring break or are you doing something else?”
CTRL: “I see camping stuff around. Are you having a good day today?”

Item 9
Frank is talking to his new colleague Miranda as her purse falls out of her hands and a lighter rolls out. Frank assumes that she owns it because of smoking cigarettes and asks:
PQ: “Oh, you have a lighter. Are you a smoker?”
NAQ: “Oh, you have a lighter. Are you a smoker or not?”
CAQ: “Oh, you have a lighter. Are you a smoker or do you have that for another reason?”
CTRL: “Oh, you have a lighter. Do you want to go for lunch later?”

Item 10
Ann is visiting Emmy’s apartment for the first time. She’s seeing a lot of Queens’ records in the vinyl closet and guesses that Emmy is a fan, so she asks:
PQ: “I see Queens’ records everywhere. Are you a fan of them?”
NAQ: “I see Queens’ records everywhere. Are you a fan of them or not?”
CAQ: “I see Queens’ records everywhere. Are you a fan of them or do you prefer other artists?”
CTRL: “I see Queens’ records everywhere. Do you want to eat chili con carne later?”

Item 11
Dominique walks in the living room and sees her husband, who usually leaves early for work, sitting on the couch playing video games. She thinks it's because he took the day off, so she asks:
PQ: "Oh, you're still home. Did you take the day off?"
NAQ: "Oh, you're still home. Did you take the day off or not?"
CAQ: "Oh, you're still home. Did you take the day off or is there another reason you're not at work?"
CTRL: "Oh, you're still home. Do you want breakfast?"

Item 12
Pete has never seen his new colleague Max eat meat, so he suspects he's vegetarian. He asks his other colleague Philippe to confirm:
PQ: "I've never seen Max eat meat. Is he vegetarian?"
NAQ: "I've never seen Max eat meat. Is he vegetarian or not?"
CAQ: "I've never seen Max eat meat. Is he vegetarian or does he eat meat?"
CTRL: "I've never seen Max eat meat. Do you have a pen for me?"

Item 13
Chris and Lara are leaving the house to go to the cinema. It's raining and there is a bus stop in front of their house. Chris grabs his umbrella, which makes Lara think he wants to walk to the cinema, so she asks:
PQ: "You took the umbrella. Do you want to walk to the cinema?"
NAQ: "You took the umbrella. Do you want to walk to the cinema or not?"
CAQ: "You took the umbrella. Do you want to walk to the cinema or do you want to take the bus?"
CTRL: "You took the umbrella. Are you looking forward to the movie?"

Item 14
Martha and Andy are working in the living room. Suddenly Andy feels a draft of freezing air and thinks Martha opened the window. Without even looking, he asks:
PQ: "Oh, it got cold all of a sudden. Did you just open the window?"
NAQ: "Oh, it got cold all of a sudden. Did you just open the window or not?"
CAQ: "Oh, it got cold all of a sudden. Did you just open the window or is it still closed?"
CTRL: "Oh, it got cold all of a sudden. Do you like peanut butter?"

Item 15
David works at an office where all employees are provided the same model of laptop by their employer. Suddenly he sees his colleague Stan working on a different type of laptop. He assumes it's his personal one, so he asks:
PQ: "You are working on a different laptop. Is that your personal computer?"
NAQ: "You are working on a different laptop. Is that your personal computer or not?"
CAQ: "You are working on a different laptop. Is that your personal computer or is that your work computer?"
CTRL: "You are working on a different laptop. Did you ever play tennis?"

Item 16
Melanie and Tiffany are using a public restroom. When Melanie comes out, she makes a disgusted face. Tiffany thinks it's because of the toilet and asks:
PQ: "You look grossed out. Was it dirty?"
NAQ: "You look grossed out. Was it dirty or not?"
CAQ: "You look grossed out. Was it dirty or was it clean?"
CTRL: "You look grossed out. Did you bring your mobile phone?"

Item 17
Alice and Ariana want to borrow the neighbors car to go on a trip. Alice goes to their apartment to ask them and comes back with a key in her hand. So Ariana assumes the neighbor said 'yes'. She asks:
PQ: "You're holding a key. Did they give us permission to use the car?"
NAQ: "You're holding a key. Did they give us permission to use the car or not?"
CAQ: "You're holding a key. Did they give us permission to use the car or did they deny our request?"
CTRL: "You're holding a key. What would you like for dinner tonight?"

Item 18
A neighbor is very upset with Rebecca after she threw a party until 7 am. Rebecca's dad tells her that she should knock on the neighbor's door and apologize personally. After Rebecca comes back with a happy face, her dad assumes the issue is now settled, and thus asks:
PQ: "You look relieved. Did she accept the apology?"
NAQ: "You look relieved. Did she accept the apology or not?"
CAQ: "You look relieved. Did she accept the apology or did she reject it?"
CTRL: "You look relieved. What were they watching on TV?"

Item 19
Lisa is taking an eye test. After she gets a bunch of letters wrong, the doctor changes the lens and Lisa starts getting them right. The doctor assumes these glasses are working and wants to confirm with Lisa:
PQ: "You did much better on these ones. Are you seeing better now?"
NAQ: "You did much better on these ones. Are you seeing better now or not?"
CAQ: "You did much better on these ones. Are you seeing better now or nothing changed?"
CTRL: "You did much better on these last ones. Do you work out regularly?"

Item 20
Students who did well on the math homework are being called to the blackboard to show how they solved the problem. When Robin is called, she assumes she did the exercise correctly. To confirm, she asks the teacher:
PQ: "Wow, you just called my name! Was my solution correct?"
NAQ: "Wow, you just called my name! Was my solution correct or not?"
CAQ: "Wow, you just called my name! Was my solution correct or wrong?"
CTRL: "Wow, you just called my name! Aren't you fed up with this weather?"

Item 21
Sue and Kate are out for dinner. There is a very expensive fish dish on the menu and Kate has never heard of it. She guesses it must be a very rare one. She thus asks the waiter:
PQ: “That plate is very expensive. Is that fish rare?”
NAQ: “That plate is very expensive. Is that fish rare or not?”
CAQ: “That plate is very expensive. Is that fish rare or common?”
CTRL: “That plate is very expensive. Is red your favorite color?”

Item 22
Barbara is having coffee with Julia, as she’s waiting to hear back about a job interview she recently did. At some point someone from the company calls Barbara on the phone. As she’s talking, she starts smiling and jumping. Julia thinks that Barbara must have gotten the job. When Barbara hangs up, she asks:
PQ: “You seem very excited. Did you get the job?”
NAQ: “You seem very excited. Did you get the job or not?”
CAQ: “You seem very excited. Did you get the job or did they offer it to someone else?”
CTRL: “You seem very excited. Do you want steak for dinner?”

Item 23
Jan is hanging out at the gym. At some point, he sees a guy who seems to be very disoriented. He guesses the guy must be now to the gym, so he asks his friend Alex:
PQ: “That guy looks disoriented. Is he new here?”
NAQ: “That guy looks disoriented. Is he new here or not?”
CAQ: “That guy looks disoriented. Is he new here or has he always been around?”
CTRL: “That guy looks disoriented. Do you eat oats for breakfast?”

Item 24
Steve is coughing and looking very pale. His friend Andy thinks he must be ill, so he asks:
PQ: “You are pale. Are you sick?”
NAQ: “You are pale. Are you sick or not?”
CAQ: “You are pale. Are you sick or are you ok?”
CTRL: “You are pale. What’s your favorite TV Series?”

Experiment 2: Info-seeking questions

Note: Dashed line separates the context description, the first set of conditions (Ask 1st time), and the second set of conditions (Repeat).

Context
———————————————————————————-
1st mention conditions
———————————————————————————-
Repeat conditions
———————————————————————————-

Item 1
Herb is raving about his new car with Kelly. Here's how the conversation goes.
———————————————————————————-
Herb: "Man, I'm so happy about this car!"
1st mention, PQ: Kelly: "Is it automatic?"
1st mention, NAQ: Kelly: "Is it automatic or not?"
1st mention, CAQ: Kelly: "Is it automatic or is it a stick shift?"
1st mention, CTRL: Kelly: "So, did you have breakfast before coming here?"
———————————————————————————-
Herb: "Man, I'm so happy about this car!"
Kelly: "Is it automatic?"
Herb: "It just drives so smoothly!"
Kelly: "I get it, but is it automatic?"
Herb: "And the seats are so comfortable!"
Repeat, PQ: Kelly: "Is it automatic?"
Repeat, NAQ: Kelly: "Is it automatic or not?"
Repeat, CAQ: Kelly: "Is it automatic or is it a stick shift?"
Repeat, CTRL: Kelly: "So, did you have breakfast before coming here?"

Item 2
Mark and Fred meet after a long day.
———————————————————————————-
Mark: "We just finished playing a basketball game."
1st mention, PQ: Fred: "Oh! Did you win?"
1st mention, NAQ: Fred: "Oh! Did you win or not?"
1st mention, CAQ: Fred: "Oh! Did you win or did you lose?"
1st mention, CTRL: Fred: "So, did you drink enough water after the game?"
———————————————————————————-
Mark: "We just finished playing a basketball game."
Fred: "Oh! Did you win?"
Mark: "Someone just hit me hard on the knee."
Fred: "Ok, but did you win?"
Mark: "It's all swollen up!"
Repeat, PQ: Fred: "Did you win?"
Repeat, NAQ: Fred: "Did you win or not?"

Repeat, CAQ: Fred: “Did you win or did you lose?”
Repeat, CTRL: Fred: “So, did you drink enough water after the game?”

Item 3
Steph and Lucy meet at a cafe. Here’s what they say:
———————————————————————————-
Lucy: “What’s new?”
Steph: “I just got a new house in Maine!”
1st mention, PQ: Lucy: “Is the house on the coast?”
1st mention, NAQ: Lucy: “Is the house on the coast or not?”
1st mention, CAQ: Lucy: “Is the house on the coast or in the inland?”
1st mention, CTRL: Lucy: “Is it true that there are so many lobsters in Maine?”
———————————————————————————-
Lucy: “What’s new?”
Steph: “I just got a new house in Maine!”
Lucy: “Is the house on the coast?”
Steph: “It's in a very quiet area.”
Lucy: “Ok, but is it on the coast?”
Steph: “There is never anyone around.”
Repeat, PQ: Lucy: “Is the house on the coast?”
Repeat, NAQ: Lucy: “Is the house on the coast or not?”
Repeat, CAQ: Lucy: “Is the house on the coast or in the inland?”
Repeat, CTRL: Lucy: “Is it true that there are so many lobsters in Maine?”

Item 4
Judith is updating Linda on the latest. Here’s what they say.
———————————————————————————-
Judith: “I just got a new plant for my living room!”
1st mention, PQ: Linda: “Is it a succulent?”
1st mention, NAQ: Linda: “Is it a succulent or not?”
1st mention, CAQ: Linda: “Is it a succulent or is it another type of plant?”
1st mention, CTRL: Linda: “Do you live in a nice apartment?”
———————————————————————————-
Judith: “I just got a new plant for my living room!”
Linda: “Is it a succulent?”
Judith: “I really love the colors.”
Linda: “Ok, but is it a succulent?”
Judith: “And it was so cheap!”
Repeat, PQ: Linda: “Is it a succulent?”
Repeat, NAQ: Linda: “Is it a succulent or not?”
Repeat, CAQ: Linda: “Is it a succulent or is it another type of plant?”
Repeat, CTRL: Linda: “Do you live in a nice apartment?”

Item 5
John is updating Anita on the latest developments in his life. The following conversation ensues.
———————————————————————————-
John: “So, I just moved into my new apartment.”
1st mention, PQ: Anita: “Is it downtown?”

1st mention, NAQ: Anita: “Is it downtown or not?”
1st mention, CAQ: Anita: “Is it downtown or is it somewhere else in town?”
1st mention, CTRL: Anita: “Is Lake Michigan very cold?”
———————————————————————————————-
John: “So, I just moved into my new apartment.”
Anita: “Is it downtown?”
John: “It's very spacious.”
Anita: “Ok, but is it downtown?”
John: “I even got a parking spot for free!”
Repeat, PQ: Anita: “Is it downtown?”
Repeat, NAQ: Anita: “Is it downtown or not?”
Repeat, CAQ: Anita: “Is it downtown or is it somewhere else in town?”
Repeat, CTRL: Anita: “Is Lake Michigan very cold?”

Item 6
Mark checks in at a hotel. After the receptionist hands him the room keys, the following exchange ensues:
———————————————————————————————-
Receptionist: “Sir, would you like to have breakfast directly served in your room?”
1st mention, PQ: Mark: “Is there a charge for it?”
1st mention, NAQ: Mark: “Is there a charge for it or not?”
1st mention, CAQ: Mark: "Is there a charge for it or is it free?”
1st mention, CTRL: Mark: “Is there cable tv in the room?”
———————————————————————————————-
Receptionist: “Sir, would you like to have breakfast directly served in your room?”
Mark: “Is there a charge for it?”
Receptionist: “It's a great service. Our customers love it”
Mark: “Ok, but is there a charge for it?”
Receptionist: “You can also order food from the special menu.”
Repeat, PQ: Mark: “Is there a charge for it?”
Repeat, NAQ: Mark: “Is there a charge for it or not?”
Repeat, CAQ: Mark: “Is there a charge for it or is it free?”
Repeat, CTRL: Mark: “Is there cable tv in the room?”

Item 7
Nathan and Ben are catching up on what they did the previous night. This is what they say.
———————————————————————————————-
Ben: “So, what did you do?”
Ben: “I went to a show!”
1st mention, PQ: Nathan: “Was it acoustic?”
1st mention, NAQ: Nathan: “Was it acoustic or not?”
1st mention, CAQ: Nathan: “Was it acoustic or electronic?”
1st mention, CTRL: Nathan: “Did you go running in the morning?”
———————————————————————————————-
Ben: “So, what did you do?”
Ben: “I went to a show!”
Nathan: “Was it acoustic?”
Ben: “They played for over 3 hours!”

Nathan: “Ok, but was it electric?”
Ben: “The crowd was so into it!”
Repeat, PQ: Nathan: “Was the show acoustic?”
Repeat, NAQ: Nathan: “Was the show acoustic or not?”
Repeat, CAQ: Nathan: “Was the show acoustic or electronic?”
Repeat, CTRL: Nathan: “Did you go running in the morning?”

Item 8
Paul is considering moving in into a new apartment. He calls the landlord to find out more.
———————————————————————————————-
Paul: “I’m interested in the apartment!”
Landlord: “Good! It's a very spacious, very cozy 2-floor apartment!”
1st mention, PQ: Paul: “Is the bedroom upstairs?”
1st mention, NAQ: Paul: “Is the bedroom upstairs or not?”
1st mention, CAQ: Paul: “Is the bedroom upstairs or downstairs?”
1st mention, CTRL: Paul: “Have you ever had corn dogs?”
———————————————————————————————-
Paul: “I’m interested in the apartment!”
Landlord: “Good! It's a very spacious, very cozy 2-floor apartment!”
Landlord: “There is so much light, even during the winter!”
Paul: “Ok, but is the bedroom upstairs?”
Landlord: “And there is a storage room too.”
Repeat, PQ: Paul: “Is the bedroom upstairs?”
Repeat, NAQ: Paul: “Is the bedroom upstairs or not?”
Repeat, CAQ: Paul: “Is the bedroom upstairs or downstairs?”
Repeat, CTRL: Paul: “Have you ever had corn dogs?”

Item 9
Fred is looking for a place and is calling Glen, the landlord:
———————————————————————————————-
Fred: “I’m interested in the apartment!”
Glen: “So, the apartment might be free in two weeks!”
1st mention, PQ: Fred: “Is there an elevator in the building?”
1st mention, NAQ: Fred: “Is there an elevator in the building or not?”
1st mention, CAQ: Fred: “Is there an elevator in the building or do you have to take the stairs?”
1st mention, CTRL: Fred: “How long does it take to fly from San Francisco to Detroit?”
———————————————————————————————-
Fred: “I’m interested in the apartment!”
Glen: “So, the apartment might be free in two weeks!”
Fred: “Is there an elevator in the building?”
Glen: “The neighbors are very quiet”
Fred: “Ok, but is here an elevator in the building?”
Glen: “And in the summer it never gets too hot.”
Repeat, PQ: Fred: “Is there an elevator in the building?”
Repeat, NAQ: Fred: “Is there an elevator in the building or not?”
Repeat, CAQ: Fred: “Is there an elevator in the building or do you have to take the stairs?”
Repeat, CTRL: Fred: “How long does it take to fly from San Francisco to Detroit?”

Item 10
Mary runs into Greg on the street. The following conversation ensues:
———————————————————————————————-
Mary: “Hey! Long time no see!”
Greg: “Yeah! Did I tell you I got a puppy?”
1st mention, PQ: Mary: “Is it a male?”
1st mention, NAQ: Mary: “Is it a male or not?”
1st mention, CAQ: Mary: “Is it a male or a female?”
1st mention, CTRL: Mary: “Is it true that it will rain tomorrow?”
———————————————————————————————-
Mary: “Hey! Long time no see!”
Greg: “Yeah! Did I tell you I got a puppy?”
Mary: “Is it a male?”
Greg: “Beautiful day, isn’t it?”
Mary: “Ok, but is it a male?”
Greg: “It’s so sunny and warm!”
Repeat, PQ: Mary: “Is it a male?”
Repeat, NAQ: Mary: “Is it a male or not?”
Repeat, CAQ: Mary: “Is it a male or a female?”
Repeat, CTRL: Mary: “Is it true that it will rain tomorrow?”

Item 11
It’s the day past Greg’s birthday and Bob wants to catch up with him.
———————————————————————————————-
Bob: “Hey! Happy birthday! What did you get from your parents?”
Greg: “I got a subscription to the New York Times!”
1st mention, PQ: Bob: “Is it to the paper version?”
1st mention, NAQ: Bob: “Is it to the paper version or not?”
1st mention, CAQ: Bob: “Is it to the paper version or to the online version?”
1st mention, CTRL: Bob: “Are you going to have pizza or pasta for dinner tonight?”
———————————————————————————————-
Bob: “Hey! Happy birthday! What did you get from your parents?”
Greg: “I got a subscription to the New York Times!”
Bob: “Is it to the paper version?”
Greg: “You should subscribe too!”
Bob: “Ok, but is it to the paper version?”
Greg: “It’s a great deal!”
Repeat, PQ: Bob: “Is it to the paper version?”
Repeat, NAQ: Bob: “Is it to the paper version or not?”
Repeat, CAQ: Bob: “Is it to the paper version or the online version?”
Repeat, CTRL: Bob: “Are you going to have pizza or pasta tonight?”

Item 12
John sees Mary during a cigarette break. The following exchange ensues:
———————————————————————————————-
John: “Hey, what’s new?!”
Mary: “Hey, I just moved to a new place!”
1st mention, PQ: John: “Is it an apartment?”
1st mention, NAQ: John: “Is it an apartment or not?”

1st mention, CAQ: John: “Is it an apartment or a house?”
1st mention, CTRL: John: “Who do you think will win the World Series this year?”
———————————————————————————————-
John: “Hey, what’s new?!”
Mary: “Hey, I just moved to a new place!”
John: “Is it an apartment?”
Mary: “It’s very spacious!”
John: “Ok, but is it an apartment?”
Mary: “And it’s very affordable!”
Repeat, PQ: John: “Is it an apartment?”
Repeat, NAQ: John: “Is it an apartment or not?”
Repeat, CAQ: John: “Is it an apartment or a house?”
Repeat, CTRL: John: “Who do you think will win the world series?”

Item 13
Rebecca is about to borrow Jimmy’s car. The following exchange ensues.
———————————————————————————————-
Rebecca: “So, it’s automatic, right?”
Jimmy: “Yes! No need to shift gears manually.”
1st mention, PQ: Rebecca: “Is the battery in the front?”
1st mention, NAQ: Rebecca: “Is the battery in the front or not?”
1st mention, CAQ: Rebecca: “Is the battery in the front or in the back?”
1st mention, CTRL: Rebecca: “Does the air conditioning work?”
———————————————————————————————-
Rebecca: “So, it’s automatic, right?”
Jimmy: “Yes! No need to shift gears manually.”
Rebecca: “Is the battery in the front?”
Jimmy: “It’s fully charged.”
Rebecca: “Ok, but is the battery in the front?”
Jimmy: “I charged it the other week.”
Repeat, PQ: Rebecca: “Is the battery in the front?”
Repeat, NAQ: Rebecca: “Is the battery in the front or not?”
Repeat, CAQ: Rebecca: “Is the battery in the front or in the back?”
Repeat, CTRL: Rebecca: “Does the air conditioning work?”

Item 14
Dana is visiting Joe’s place. The following exchange ensues:
———————————————————————————————-
Dana: “You have a fish tank!”
Joe: “Yeah, I just got it.”
1st mention, PQ: Dana: “Is it a freshwater tank?”
1st mention, NAQ: Dana: “Is it a freshwater tank or not?”
1st mention, CAQ: Dana: “Is it a freshwater or a saltwater tank?”
1st mention, CTRL: Dana: “Is it true that your wife is left-handed?”
———————————————————————————————-
Dana: “You have a fish tank!”
Joe: “Yeah, I just got it.”
Dana: "Is it a freshwater tank?"
Joe: “It took me a while to set it up.”

Dana: “Ok, but is it a freshwater tank?”
Joe: “I feed the fish twice a day.”
Repeat, PQ: Dana: “Is it a freshwater tank?”
Repeat, NAQ: Dana: “Is it a freshwater tank or not?”
Repeat, CAQ, Dana: “Is it a freshwater tank or a saltwater tank?”
Repeat, CTRL: Dana: “Is it true that your wife is left-handed?”

Item 15
Mark is hosting Rick for dinner. The following conversation ensues.
———————————————————————————————-
Rick: “Oh, where did you take that picture?”
Mark: “In Switzerland!”
1st mention, PQ: Rick: “Were you in the north of the country?”
1st mention, NAQ: Rick: “Were you in the north of the country or not?”
1st mention, CAQ: Rick: “Were you in the north of the country or in the south?”
1st mention, CTRL: Rick: “Is it true that protein bars make you nauseous?”
———————————————————————————————-
Rick: “Oh, where did you take that picture?”
Mark: “In Switzerland!”
Rick: “Is the place in the picture in the north of the country?”
Mark: “It was such a great day!”
Rick: “Ok, but is that place in the north of the country?”
Mark: “I had the time of my life!”
Repeat, PQ: Rick: “Is that place in the north of the country?”
Repeat, NAQ: Rick: “Is that place in the north of the country or not?”
Repeat, CAQ: Rick: “Is that place in the north of the country or in the south?”
Repeat, CTRL: Rick: “Is it true that protein bars make you nauseous?”

Item 16
Mark is visiting Freda in Nepal. They’re walking along a river when Mark stops all of a sudden. The following exchange ensues.
———————————————————————————————-
Mark: “Oh! Is that a crocodile?”
Freda: “Yup!”
1st mention, PQ: Mark: “Are crocodiles rare in Nepal?”
1st mention, NAQ: Mark: “Are crocodiles rare in Nepal or not?”
1st mention, CAQ: Mark: “Are crocodiles rare in Nepal or are they common?”
1st mention, CTRL: Mark: “What would you like to do after dinner?”
———————————————————————————————-
Mark: “Oh! Is that a crocodile?”
Freda: “Yup!”
Mark: “Are crocodiles rare in Nepal?”
Freda: “That one’s massive!”
Mark: “Ok, but are crocodiles rare in Nepal?”
Freda: “I’ve never seen one this big!”
Repeat, PQ, Mark: “Are crocodiles rare in Nepal?”
Repeat, NAQ: Mark: “Are crocodiles rare in Nepal or not?”
Repeat, CAQ: Mark: “Are crocodiles rare in Nepal or are they common?”
Repeat, CTRL: Mark: “What would you like to do after dinner?”

Item 17
Sophia and Rachel are about to play chess:
———————————————————————————————-
Sophia: “Are you ready?”
Rachel: “Yes!”
1st mention, PQ: Sophia: “Are you playing with black?”
1st mention, NAQ: Sophia: “Are you playing with black or not?”
1st mention, CAQ: Sophia: “Are you playing with black or white?”
1st mention, CTRL: Sophia: “What is the capital of Japan?”
———————————————————————————————-
Sophia: “Are you ready?”
Rachel: “Yes!”
Sophia: “Are you playing with black?”
Rachel: “I can’t wait to play!”
Sophia: “Ok, but do you want to play with black?”
Rachel: “You don’t stand a chance!”
Repeat, PQ: Sophia: “Are you playing with black?”
Repeat, NAQ: Sophia: “Are you playing with black or not?”
Repeat, CAQ: Sophia: “Are you playing with black or white?”
Repeat, CTRL: Sophia: “What is the capital of Japan?”

Item 18
Judith and Martha are talking about the requirements to pass a literature class:
———————————————————————————————-
Judith:“So, what are we supposed to do to pass the class?”
Martha: “We can either write a paper or do a presentation.”
1st mention, PQ: Judith: “Do you plan on writing a paper?”
1st mention, NAQ: Judith: “Do you plan on writing a paper or not?”
1st mention, CAQ: Judith: “Do you plan on writing a paper or doing a presentation?”
1st mention, CTRL: Judith: “Do you normally put much sugar in your coffee?”
———————————————————————————————-
Judith:“So, what are we supposed to do to pass the class?”
Martha: “We can either write a paper or do a presentation.”
Judith: “Do you plan on writing a paper?”
Martha: “I mean, this class was so interesting.”
Judith: “Ok, but do you plan on writing a paper?”
Martha: “I had a lot of fun.”
Repeat, PQ: Judith: “Do you plan on writing a paper?”
Repeat, NAQ: Judith: “Do you plan on writing a paper or not?”
Repeat, CAQ: Judith: “Do you plan on writing a paper or doing a presentation?”
Repeat, CTRL: Judith: “Do you normally put much sugar in your coffee?”

Item 19
Mark just checked in at a hotel. He's sharing a room with Rick. The following exchange ensues:
———————————————————————————————-
Mark: "Do we have wi-fi in the room?"
Rick: "Yes, that's what they said at the front desk."
1st mention, PQ: Mark: "Do we need a password to access it?"
1st mention, NAQ: Mark: "Do we need a password to access it or not?"
1st mention, CAQ: Mark: "Do we need a password to access it or is it free?"
1st mention, CTRL: Mark: "Do you think the Earth is flat?"
———————————————————————————————-
Mark: "Do we have wi-fi in the room?"
Rick: "Yes, that's what they said at the front desk."
Mark: "Do you need a password to access it?"
Rick: "It works great!"
Mark: "Ok, but do you need a password to access it?"
Rick: "It works better than in my office!"
Repeat, PQ: Mark: "Do you need a password to access it?"
Repeat, NAQ: Mark: "Do you need a password to access it or not?"
Repeat, CAQ: Mark: "Do you need a password to access it or is it free?"
Repeat, CTRL: Mark: "Do you think the Earth is flat?"

Item 20
Julia is telling Glenna about her outing the previous night. The following conversation ensues.
———————————————————————————————-
Glenna: "So, where did you go for dinner?"
Julia: "We went to the restaurant next to my office."
1st mention, PQ: Glenna: "Did you sit inside?"
1st mention, NAQ: Glenna: "Did you sit inside or not?"
1st mention, CAQ: Glenna: "Did you sit inside or outside?"
1st mention, CTRL: Glenna: "Have you recently been tested for diabetes?"
———————————————————————————————-
Glenna: "So, where did you go for dinner?"
Julia: "We went to the restaurant next to my office."
Glenna: "Did you sit inside?"
Julia: "The food was great!"
Glenna: "Ok, but did you sit inside?"
Julia: "I loved the tacos!"
Repeat, PQ: Glenna: "Did you sit inside?"
Repeat, NAQ: Glenna: "Did you sit inside or not?"
Repeat, CAQ: Glenna: "Did you sit inside or outside?"
Repeat, CTRL: Glenna: "Have you recently been tested for diabetes?"

Item 21
Fred and his wife Anita are about to check out of their room.
———————————————————————————————————-
Anita: “I left my wallet in the car.”
Fred: “No worries! I’ll pay!”
1st mention, PQ: Anita: “Are you going to pay with a credit card?”
1st mention, NAQ: Anita: “Are you going to pay with a credit card or not?”
1st mention, CAQ: Anita: “Are you going to pay with a credit card or with cash?”
1st mention, CTRL: Anita: “What’s the weather like?”
———————————————————————————————————-
Anita: “I left my wallet in the car.”
Fred: “No worries! I’ll pay!”
Anita: “Are you going to pay with a credit card?”
Fred: “I had a great time!”
Anita: “Ok, but are you going to pay with a credit card?”
Fred: “The room was great!”
Repeat, PQ: Anita: “Are you going to pay with a credit card?”
Repeat, NAQ: Anita: “Are you going to pay with a credit card or not?”
Repeat, CAQ: Anita: “Are you going to pay with a credit card or with cash?”
Repeat, CTRL: Anita: “What’s the weather like?”

Item 22
Claudia just got a fine for speeding. According to local regulations, she has two options — paying right away, or disputing the fine in court. Here’s the exchange with the cop.
———————————————————————————————————-
Cop: “I’m going to issue a ticket.”
Claudia: “I should have driven more slowly! I’m sorry.”
1st mention, PQ: Cop: “Do you want to pay right away?”
1st mention, NAQ: Cop: “Do you want to pay right away or not?”
1st mention, CAQ: Cop: “Do you want to pay right away or dispute the fine in court?”
1st mention, CTRL: Cop: “Are you having a good time, today?”
———————————————————————————————————-
Cop: “I’m going to issue a ticket.”
Claudia: “I should have driven more slowly! I’m sorry.”
Cop: “Do you want to pay right away?”
Claudia: “I should have driven more slowly!”
Cop: “Ok, but do you want to pay right away?”
Claudia: “What was I thinking!”
Repeat, PQ: Cop: “Do you want to pay right away?”
Repeat, NAQ: Cop: “Do you want to pay right away or not?”
Repeat, CAQ: Cop: “Do you want to pay right away or dispute the fine in court?”
Repeat, CTRL: Cop: “Are you having a good time, today?”

Item 23
Sarah is checking in for their flight. This is the conversation with the desk attendant:
———————————————————————————————-
Attendant: “May I have your passport, please?”
Sarah: “There you go!”
1st mention, PQ: Attendant: “Do you want a window seat?”
1st mention, NAQ: Attendant: “Do you want a window seat or not?”
1st mention, CAQ: Attendant: “Do you want a window seat or an aisle seat?”
1st mention, CTRL: Attendant: “Do you feel like having some pizza?”
———————————————————————————————-
Attendant: “May I have your passport, please?”
Sarah: “There you go!”
Attendant: “Do you want the window seat?”
Sarah: “I am not checking my bag.”
Attendant: “Ok, but do you want the window seat?”
Sarah: “I don’t want to wait for the bag at the baggage claim.”
Repeat, PQ: Attendant: “Do you want a window seat?”
Repeat, NAQ: Attendant: “Do you want a window seat or not?”
Repeat, CAQ: Attendant: “Do you want a window seat or an aisle seat?”
Repeat, CTRL: Attendant: “Do you feel like having some pizza?”

Item 24
John and Larry failed to hand in their take home final exam. Here’s their conversation.
———————————————————————————————-
Larry: “So, the teacher said we have two options: summarizing a 300 page book, or writing a 12-page essay.”
John: “Well, at least we still have a chance at passing.”
1st mention, PQ: Larry: “Are you doing the book summary?”
1st mention, NAQ: Larry: “Are you doing the book summary or not?”
1st mention, CAQ: Larry: “Are you doing the book summary or the essay?”
1st mention, CTRL: Larry: “What did you have for breakfast this morning?”
———————————————————————————————-
Larry: “So, the teacher said we have two options: summarizing a 300 page book, or writing a 12-page essay.”
John: “Well, at least we still have a chance at passing.”
Larry: “Are you doing the book summary?”
John: “Hmm, it’s been a challenging class.”
Larry: “Ok, but are you doing the book summary?”
John: “I’ve never had such a hard time.”
Repeat, PQ: Larry: “Are you doing the book summary?”
Repeat, NAQ: Larry: “Are you doing the book summary or not?”
Repeat, CAQ: Larry: “Are you doing the book summary or the essay?”
Repeat, CTRL: Larry: “What did you have for breakfast this morning?”

Q2 = Middle Question
Empty = Emphatic
Wh-Q = Wh-Questions

Experiment 3 A/B

Item 1
Herb just bought a new car.
Herb: “Man, I'm so happy about this car!”
Kelly: “Is it automatic?”
Herb: “So happy!”
Q2: NAQ Kelly: “Is it automatic or not?”
Q2: CAQ. Kelly: “Is it automatic or is it a stick shift?”
Herb: “And the seats are so comfortable!”
Q3: Matching. Kelly: “Is the car automatic?”
Q3A: Non-matching (Emph). Kelly: "IS THE CAR AUTOMATIC?”
Q3B: Non-matching (Wh-Q). Kelly: "What is the transmission system of the car?”

Control
Herb just bought a new car:
Herb: “Man, I'm so happy about this car!”
Kelly: “ What is the transmission system of the car?”
Herb: “It just drives so smoothly!”
Kelly: “Is it automatic?”
Herb: “And the seats are so comfortable!”
Kelly: “Is the car automatic or not?”

Item 2
Mark plays basketball in an amateur league. After his team plays against the rival team across the town, Fred calls:
Fred: “Hey Mark, did you win?”
Mark: “Someone just hit me hard on the knee.”
Q2: NAQ Fred: “Did you win or not?”
Q2: NAQ Fred: “Did you win or did you lose?”
Mark: “It's all swollen up!”
Q3: Matching Fred: “Did you win?”
Q3A: Non-matching (Emph) Fred: “DID YOU WIN?”
Q3B: Non-matching (Wh-Q) Fred: “Which team won the game?”

Control
Mark plays basketball in an amateur league. After his team plays against the rival team across the town, Fred calls:
Fred: “Which team won the game?”
Mark: “Someone just hit me hard on the knee.”
Fred: “Ok, but did you win?”
Mark: “It's all swollen up!”
Fred: “Did you win or not?”

Item 3
To pass a literature class, students have to choose between two options: writing a paper or doing an in-class presentation. Judith wants to find out what her classmate Martha wants to do:
Judith: “Do you plan on writing a paper?”
Martha: “I mean, this class was so interesting.”
Q2: NAQ Judith: “Do you plan on writing a paper or not?”
Q2: CAQ Judith: “Do you plan on writing a paper or doing a presentation?”
Martha: “I had a lot of fun.”
Q3: Matching Judith: “Do you plan on writing a paper?”
Q3A: Non-matching (Emph) Judith: “DO YOU PLAN ON WRITING A PAPER?”
Q3B: Non-matching (Wh-Q) Judith: “What do you plan on doing?”

Control
To pass a literature class, students have to choose between two options: writing a paper or doing an in-class presentation. Judith wants to find out what her classmate Martha wants to do:
Judith: “What do you plan on doing?”
Martha: “I mean, this class was so interesting.”
Judith: “Do you plan on writing a paper?”
Martha: “I had a lot of fun.”
Judith: “ Do you plan on writing a paper or not?”

Item 4
Ben went to a concert of a band known to switch between electric and acoustic shows. Nathan calls Ben after the show to find out what kind of concert was played:
Nathan: “Was the show acoustic?”
Ben: “It was so good!”
Q2: NAQ Nathan: “Was the show acoustic or not?”
Q2: CAQ Nathan: “Was the show acoustic or electric?”
Ben: “The crowd was so into it!”
Q3: Matching Nathan: “Was the show acoustic?”
Q3A: Non-matching (Emph) Nathan: “WAS THE SHOW ACOUSTIC?”
Q3B: Non-matching (Wh-Q) Nathan: “What type of show was it?”

Control
Ben went to a concert of a band known to switch between electric and acoustic shows. Nathan calls Ben after the show to find out what kind of concert was played:
Nathan: “What type of show was it?”
Ben: “They played for over 3 hours!”
Nathan: “Was it acoustic?”
Ben: “The crowd was so into it!”
Nathan: “Was it acoustic or not?”

Item 5
Hans just got back from a fishing trip. His brother Bob wants to find out where he went:
Bob: “Did you go to the Fox River?”
Hans: “We didn’t have much luck.”
Q2: NAQ. Bob: “Did you go to the Fox River or not?”
Q2: CAQ Bob: “Did you go to the Fox River or did you go to another river?”
Hans: “And the water was murky.”
Q3: Matching Bob: “Did you go to the Fox River?”
Q3A: Non-matching (Emph) Bob: “DID YOU GO TO THE FOX RIVER?”
Q3B: Non-matching (Wh-Q) Bob: “What river did you go to?”

Control
Hans just got back from a fishing trip. His brother Bob wants to find out where he went:
Bob: “Where did you go?”
Hans: “We didn’t have much luck.”
Bob: “Did you go to the Fox River?”
Hans: “And the water was murky.”
Bob: “Did you go to the Fox River or not?”

Item 6
Mark just checked in at a hotel. He’s sharing a room with Rick, who checked in a few hours before:
Mark: “Hey, do you need a password for using wi-fi?”
Rick: “It works great!”
Q2: NAQ. Mark: “Do you need a password or not?”
Q2: CAQ Mark: “Do you need a password or is it an open network?”
Rick: “It works better than in my office!”
Q3: Matching Mark: “Do you need a password for using wi-fi?”
Q3A: Non-matching (Emph) Mark: “DO YOU NEED A PASSWORD FOR USING WI-FI?”
Q3B: Non-matching (Wh-Q) Mark: “How do you get on wi-fi?”

Control
Mark just checked in at a hotel. He’s sharing a room with Rick, who checked in a few hours before:
Mark: “How do you get on wi-fi?”
Rick: “It works great!”
Mark: “Ok, but do you need a password?”
Rick: “It works better than in my office!”
Mark: “Do you need a password or not?”

Item 7
Mark and Andreas are practicing questions for a trivia tournament:
Mark: “Was my last answer correct?”
Andreas: “I think I would have answered in the same way.”
Q2: NAQ Mark: “Was my last answer correct or not?”
Q2: CAQ Mark: “Was my last answer correct or wrong?”
Andreas: “I guess I would have definitely given the same answer!”
Q3: Matching Mark: “Was my last answer correct?”

Q3A: Non-matching (Emph) Mark: “WAS MY LAST ANSWER CORRECT?”
Q3B: Non-matching (Wh-Q) Mark: "What is the status of my last answer?"

Control
Mark and Andreas are practicing questions for a trivia tournament:
Mark: “What is the status of my last answer?”
Andreas: “Look at those clouds!”
Mark: “Was my last answer correct?”
Andreas: “I guess I would have definitely given the same answer!”
Mark: “Was my last answer correct or not?”

Item 8
Paul is considering moving into a shared 2-floor apartment with his friend Ted, who already lives there. He calls Ted to find out more about the place:
Paul: “Would my room be upstairs?”
Ted: “There is so much light, even during the winter!”
Q2: NAQ.Paul: “Would my room be upstairs or not?”
Q2: CAQ Paul: “Would my room be upstairs or downstairs?”
Ted: “It’s very spacious!”
Q3: Matching Paul: “Would my room be upstairs?”
Q3A: Non-matching (Emph) Paul: “WOULD MY ROOM BE UPSTAIRS?”
Q3B: Non-matching (Wh-Q) Paul: “On what floor would my room be?”

Control
Paul is considering moving into a shared 2-floor apartment with his friend Ted, who already lives there. He calls Ted to find out more about the place:
Paul: “On what floor would my room be?”
Ted: “There is so much light, even during the winter!”
Paul: “Ok, but would my room be upstairs?”
Ted: “It’s very spacious!”
Paul: “Would my room be upstairs or not?”

Item 9
Julia is telling Glenna about her recent dinner in a restaurant that has both and indoor and an outdoor seating area.
Glenn: “Did you sit inside?”
Julia: “The food was great!”
Q2: NAQ. Glenn: “Did you sit inside or not?”
Q2: CAQ Glenn: “Did you sit inside or outside?”
Julia: “And it was very cheap!”
Q3: Matching Glenn: “Did you sit inside?”
Q3A: Non-matching (Emph) Glenn: “DID YOU SIT INSIDE?”
Q3B: Non-matching (Wh-Q) Glenn: “In what part of the restaurant did you sit?”

Control
Julia is telling Glenna about her recent dinner in a restaurant that has both and indoor and an outdoor seating area.
Glenn: “In what part of the restaurant did you sit?”
Julia: “The food was great!”

Glenn: “Did you sit inside?”
Julia: “And it was very cheap!”
Glenn: “Did you sit inside or not?”

Item 10
Fred and his wife Anita are about to check out of their room. There are two options for paying: cash or credit card. Anita wants to find out how her husband wants to pay.
Anita: “Are you going to pay with a credit card?”
Fred: “I had a great time!”
Q2: NAQ Anita: “Are you going to pay with a credit card or not?”
Q2: CAQ Anita: “Are you going to pay with a credit card or with cash?”
Fred: “Really, no complaints!”
Q3: Matching Anita: “Are you going to pay with a credit card?”
Q3A: Non-matching (Emph) Anita: “ARE YOU GOING TO PAY WITH A CREDIT CARD?”
Q3B: Non-matching (Wh-Q) Anita: "What payment method are you going to use?"

Control
Fred and his wife Anita are about to check out of their room. There are two options for paying: cash or credit card. Anita wants to find out how her husband wants to pay.
Anita: “What payment method would you like to use?”
Fred: “I had a great time.”
Anita: “Ok, but do you want to pay with a credit card?”
Fred: “Really, no complaints!”
Anita: “Do you want to pay with a credit card or not?”

Item 11
John and Larry failed to hand in their take home final exam and have to take a make up assignment. The teacher told them that they have two options: summarizing a 300 page book, or writing a 12-page essay. Larry wants to find out what John wants to do:
Larry: “Are you doing the book summary?”
John: “Hmm, it’s been a challenging class.”
Q2: NAQ Larry: “Are you doing the book summary or not?”
Q2: CAQ Larry: “Are you doing the book summary or the essay?”
John: “I really struggled.”
Q3: Matching Larry: “Are you doing the book summary?”
Q3A: Non-matching (Emph) Larry: “ARE YOU DOING THE BOOK SUMMARY?”
Q3B: Non-matching (Wh-Q) Larry: “What are you going to do?”

Control
John and Larry failed to hand in their take home final exam and have to take a make up assignment. The teacher told them that they have two options: summarizing a 300 page book, or writing a 12-page essay. Larry wants to find out what John wants to do:
Larry: “What are you going to do?”
John: “Hmm, it’s been a challenging class.”
Larry: “Ok, but are you doing the book summary?”
John: “I really struggled.”
Larry: “Are you doing the book summary or not?”

Item 12
Claudia just got a fine for speeding. The cop told her that she has two options: paying right away, or disputing the fine in court.
Cop: “Do you want to pay right away?”
Claudia: “I should have driven more slowly!”
Q2: NAQ Cop: “Do you want to pay right away or not?”
Q2: CAQ Cop: “Do you want to pay right away or do you want to dispute the ticket in court?”
Claudia: “I didn’t realize I was speeding!”
Q3: Matching Cop: “Do you want to pay right away?”
Q3A: Non-matching (Emph) Cop: “DO YOU WANT TO PLAY RIGHT AWAY?”
Q3B: Non-matching (Wh-Q) Cop: “What option do you prefer?”

Control
Claudia just got a fine for speeding. The cop told her that she has two options: paying right away, or disputing the fine in court.
Cop: “What option do you prefer?”
Claudia: “I should have driven more slowly!”
Cop: “Do you want to pay right away?”
Claudia: “I didn’t realize I was speeding!”
Cop: “Do you want to pay right away or not?”

Item 13
Steph and Lucy meet at a cafe. Here’s what they say:
Steph: “I just got a new house in Maine!”
Lucy: “Is the house on the coast?”
Steph: “It's in a very quiet area.”
Q2: NAQ Lucy: “Is the house on the coast or not?”
Q2: CAQ Lucy: “Is the house on the coast or in the inland?”
Steph: “There is never anyone around.”
Q3: Matching Lucy: “Is the house on the coast?”
Q3A: Non-matching (Emph) Lucy: “IS THE HOUSE ON THE COAST?
Q3B: Non-matching (Wh-Q) Lucy: “Where is the house?"

Control
Steph and Lucy meet at a cafe. Here’s what they say:
Steph: “I just got a new house in Maine!”
Lucy: “Where is the house?”
Steph: “It's in a very quiet area.”
Lucy: “Ok, but is it on the coast?”
Steph: “There is never anyone around.”
Lucy: “Is the house on the coast or not?”

Item 14
Vince and Anna are about to have dinner. The waiter tells them that they can either sit in the upstairs area or downstairs.
Anna: “Do you want to sit upstairs?”
Vince: “I’m so excited!”
Q2: NAQ Anna: “Do you want to sit upstairs or not?”
Q2: CAQ Anna: “Do you want to sit upstairs or downstairs?”
Vince: “I want to get a margarita!”
Q3: Matching Anna: “Do you want to sit upstairs?”
Q3A: Non-matching (Emph) Anna: “DO YOU WANT TO SIT UPSTAIRS?”
Q3B: Non-matching (Wh-Q) Anna: “In what area do you want to sit?”

Control
Vince and Anna are about to have dinner. The waiter tells them that they can either sit in the upstairs area or downstairs.
Anna: “In what area do you want to sit?”
Vince: “I’m so excited!”
Anna: “Ok, but do you want to sit upstairs?”
Vince: “I want to get a margarita!”
Anna: “Do you want to sit upstairs or not?”

Item 15
Sarah and Dana are checking in for their flight. The front desk attendant tells them that there are two adjacent seats left, and asks them to choose who wants the aisle and who wants the window.
Dana: “Do you want the window seat?”
Sarah: “I am not checking my bag.”
Q2: NAQ Dana: “Do you want the window seat or not?”
Q2: CAQ Dana: “Do you want the window seat or the aisle seat?”
Sarah: “I’m always very nervous before taking a flight.”
Q3: Matching Dana: “Do you want the window seat?”
Q3A: Non-matching (Emph) Dana: “DO YOU WANT THE WINDOW SEAT?”
Q3B: Non-matching (Wh-Q) Dana: “What kind of seat would you like?”

Control
Sarah and Dana are checking in for their flight. The front desk attendant tells them that there are two adjacent seats left, and asks them to choose who wants the aisle and who wants the window.
Dana:: “What seat would you like?”
Sarah: “I already checked my bag!”
Dana:: “Would you like the window seat?”
Sarah: “I’m always very nervous before taking a flight.”
Dana: “Would you like a window seat or not?”

Item 16
Mary goes to the city hall to inquire about a parking ticket on behalf of her friend Paula, who is out of town. The lady at the front desk tells her that she can either pay the ticket right away or file an official dispute. Mary wants to check with Paula what she wants to do.
Mary: “Do you want to pay right away?”
Paula: “I’m so sorry about this!”
Q2: NAQ Mary: “Do you want to pay right away or not?”
Q2: CAQ Mary: “Do you want to pay right away or file a dispute?”
Paula: “Hmm, it’s a lot of money!”
Q3: Matching Mary: “Do you want to pay right away?”
Q3A: Non-matching (Emph) Mary: “DO YOU WANT TO PAY RIGHT AWAY?”
Q3B: Non-matching (Wh-Q) Mary: “What do you want to do?”

Control
Mary goes to the city hall to inquire about a parking ticket on behalf of her friend Paula, who is out of town. The lady at the front desk tells her that she can either pay the ticket right away or file an official dispute. Mary wants to check with Paula what she wants to do.
Mary: “What do you want to do?”
Paula: “I’m so sorry about this!”
Mary: “Do you want to pay right away?”
Paula: “Hmm, it’s a lot of money!”
Mary: “Do you want to pay right away or not?”

Item 17
Emma just told Bob that her friend Flora had a child. Bob wants to find out the sex of the child.
Bob: “Is it a boy?”
Emma: “The baby is so cute!”
Q2: NAQ Bob: “Is it a boy or not?”
Q2: CAQ Bob: “Is it a boy or a girl?”
Emma: “Flora is so happy!”
Q3: Matching Bob: “Is it a boy?”
Q3A: Non-matching (Emph) Bob: “IS IT A BOY?”
Q3B: Non-matching (Wh-Q) Bob: “What is the sex of the child?”

Control
Emma just told Bob that her friend Flora had a child.
Bob: “What is the sex of the child?”
Emma: “The baby is so cute!”
Bob: “Ok, but it a boy?”
Emma: “Flora is so happy!”
Bob: “Is it a boy or not?”

Item 18
Greg just told his brother Bob that he has a subscription to the New York Times. Bob wants to find out what type of subscription he has.
Bob: “Is it to the paper version?”
Greg “I’m very happy with it.”
Q2: NAQ Bob: “Is it to the paper version or not?”
Q2: CAQ Bob: “Is it to the paper version or the online version?”
Greg “I strongly recommend it.”
Q3: Matching Bob: “Is it to the paper version?”
Q3A: Non-matching (Emph) Bob: “IS IT TO THE PAPER VERSION?”
Q3B: Non-matching (Wh-Q) Bob: “What type of subscription is it?”

Control
Greg just told Bob that he has a subscription to the New York Times. Bob wants to find out what type of subscription he has.
Bob: “Which type of subscription is it?”
Greg “Well, it’s a great subscription.”
Bob: “Is it to the paper version?”
Greg “I strongly recommend it.”
Bob: “Is it to the paper version or not?”

Item 19
Dana is visiting his brother Joe’s new place. As soon as she steps in, she sees a fish tank.
Dana: “Wow, you have a fish tank! Is it a freshwater tank?”
Joe: “It took me so long to set it up!”
Q2: NAQ Dana: “Is it a freshwater tank or not?”
Q2: CAQ Dana: “Is it a freshwater tank or a saltwater tank?”
Joe: “I’m very happy about it!”
Q3: Matching Dana: “Is it a freshwater tank?”
Q3A: Non-matching (Emph) Dana: “IS IT A FRESHWATER TANK?”
Q3B: Non-matching (Wh-Q) Dana: “What type of water is in the fish tank?”

Item 19
Dana is visiting Joe’s place for the the first time. As soon as she steps in, she sees a fish tank.
Dana: “Wow, you have a fish tank! What kind of water is in the fish tank?”
Joe: “It took me so long to set it up!”
Dana: “Is it a freshwater tank?”
Joe: “But now I’m very happy about it!”
Dana: “Is it a freshwater tank or not?”

Item 20
Rob just told her cousin Paula that he moved to downtown Chicago, where every building is either north or south of the Chicago river.
Paula: “Do you live north of the river?”
Rob: “I love my new place!”
Q2: NAQ Paula: “Do you live north of the river or not?”
Q2: CAQ Paula: “Do you live north of the river or south of the river?”
Rob: “It’s a very spacious apartment!”

Q3: Matching Paula: “Do you live north of the river?”
Q3A: Non-matching (Emph) Paula: “DO YOU LIVE NORT OF THE RIVER?”
Q3B: Non-matching (Wh-Q) Paula: “What side of the river do you live on?”

Control
Rob just told Paula that he moved to downtown Chicago, where every building is either north or south of the Chicago river.
Paula: “What side of the river do you live on?”
Rob: “I love my new place!”
Paula: “Ok, but do you live north of the river?”
Rob: “It’s a very spacious apartment!”
Paula: “Do you live north of the river or not?”

Item 21
Judith just bought a new plant:
Judith: “I just got a new plant for my living room!”
Linda: “Cool! Is it a succulent?”
Judith: “I really love the colors.”
Q2: NAQ Linda: “Is it a succulent or not?”
Q2: CAQ Linda: “Is it a succulent or another type of plant?”
Judith: “And it was so cheap!”
Q3: Matching Linda: “Is it a succulent?”
Q3A: Non-matching (Emph) Linda: “IS IT A SUCCULENT?”
Q3B: Non-matching (Wh-Q) Linda: “What kind of plant is it?”

Control
Judith just bought a new plant:
Judith: “I just got a new plant for my living room!”
Linda: “Cool! What kind of plant is it?”
Judith: “I really love the colors.”
Linda: “Is it a succulent?”
Judith: “And it was so cheap!”
Linda: “Is it a succulent or not?”

Item 22
John just moved to a new place.
John: “So, I just moved into my new apartment.”
Anita: “Cool! Is it downtown?”
John: “It's very spacious.”
Q2: NAQ Anita: “Is it downtown or not?”
Q2: CAQ Anita: “Is it downtown or is it in another area?”
John: “I even got a parking spot for free!”
Q3: Matching Anita: “Is it downtown?”
Q3A: Non-matching (Emph) Anita: “IS IT DOWNTOWN?”
Q3B: Non-matching (Wh-Q) Anita: “What part of the city is it in?”

Control
John just moved to a new place.

John: “So, I just moved into my new apartment.”
Anita: “Cool! Where is it?”
John: “It's very spacious.”
Anita: “Is it downtown?”
John: “I even got a parking spot for free!”
Anita: “Is it downtown or not?”

Item 23
Mary runs into Greg on the street. Here’s what they say:
Mary: “Hey, I heard you got a puppy. Is it a male?”
Greg: “Beautiful day, isn’t it?”
Q2: NAQ Mary: “Is it a male or not?”
Q2: CAQ Mary: “Is it a male or a female?”
Greg: “It’s so sunny and warm!”
Q3: Matching Mary: “Is it a male?”
Q3A: Non-matching (Emph) Mary: “IS IT A MALE?”
Q3B: Non-matching (Wh-Q) Mary: “What is the sex of the puppet?”

Control
Mary runs into Greg on the street. Here’s what they say:
Mary: “Hey, I heard you got a puppy. What sex is it?”
Greg: “Beautiful day, isn’t it?”
Mary: “Is it a male?”
Greg: “It’s so sunny and warm!”
Mary: “Is it a male or not?”

Item 24
Rebecca is about to borrow Jimmy’s car but hasn’t asked where the battery is. She therefore says:
Rebecca: “Is the battery in the front?”
Jimmy: “It’s fully charged.”
Q2: NAQ Rebecca: “Is the battery in the front or not?”
Q2: CAQ Rebecca: “Is the battery in the front or in the back?”
Jimmy: “I charged it the other week.”
Q3: Matching Rebecca: “Is the battery in the front?”
Q3A: Non-matching (Emph) Rebecca: “IS THE BATTERY IN THE FRONT?”
Q3B: Non-matching (Wh-Q) Rebecca: “Where’s the battery?”

Control
Rebecca is about to borrow Jimmy’s car but hasn’t asked where the battery is. She therefore says:
Rebecca: “Where’s the battery?”
Jimmy: “It’s fully charged.”
Rebecca: “Is it in the front?”
Jimmy: “I charged it the other week.”
Rebecca: “Is the battery in the front or not?”

Item 25
Mark is hosting Rick for dinner. Rick notices a picture of Mark riding a bike with a Swiss flag on the background. This is what they say:
Rick: “Oh, I see you went to Switzerland. Did you take that picture in the north of the country?”
Mark: “It was such a great day!”
Q2: NAQ Rick: “Did you take that picture in the north of the country or not?”
Q2: CAQ Rick: “Did you take that picture in the north of the country or in the south?”
Mark: “I had the time of my life!”
Q3: Matching Rick: “Did you take that picture in the north of the country?”
Q3A: Non-matching (Emph) Rick: “DID YOU TAKE THAT PICTURE IN THE NORTH OF THE COUNTRY?”
Q3B: Non-matching (Wh-Q) Rick: “In which part of the country dod you take that picture?”

Control
Mark is hosting Rick for dinner. Rick notices a picture of Mark riding a bike with a Swiss flag on the background. This is what they say:
Rick: “Oh, I see you went to Switzerland. In which part of the country did you take that picture?”
Mark: “It was such a great day!”
Rick: “Ok, but is that the north of the country?”
Mark: “I had the time of my life!”
Rick: “Is that the north of the country or not?”

Item 26
Sophia and Rachel are about to play chess. The following exchange ensues:
Sophia: “Are you playing with black?”
Rachel: “I can’t wait to play!”
Q2: NAQ Sophia: “Are you playing with black or not?”
Q2: CAQ Sophia: “Are you playing with black or white?”
Rachel: “I’m going to crush you!”
Q3: Matching Sophia: “Are you playing with black?”
Q3A: Non-matching (Emph) Sophia: “ARE YOU PLAYING WITH BLACK?”
Q3B: Non-matching (Wh-Q) Sophia: “What color do you want to play with?”

Control
Sophia and Rachel are about to play chess. The following exchange ensues:
Sophia: “What color do you want to play with?”
Rachel: “I can’t wait to play!”
Sophia: “Are you playing with black?”
Rachel: “I’m going to crush you!”
Sophia: “Are you playing with black or not?”

Item 27
Fred and his wife Anita are about to check out of their room. Anita wants to find out how her husband wants to pay.
Anita: “Are you going to pay with a credit card?”
Fred: “I had a great time!”
Q2: NAQ Anita: “Are you going to pay with a credit card or not?”

Q2: CAQ Anita: “Are you going to pay with a credit card or with cash?”
Fred: “The room was great!”
Q3: Matching Anita: “Are you going to pay with a credit card?”
Q3A: Non-matching (Emph) Anita: “ARE YOU GOING TO PAY WITH A CREDIT CARD?”
Q3B: Non-matching (Wh-Q) Anita: “How are you going to pay?”

Control
Fred and his wife Anita are about to check out of their room. Anita wants to find out how her husband wants to pay.
Anita: “How are you going to pay?”
Fred: “I had a great time!”
Anita: “Are you going to pay with a credit card?”
Fred: “The room was great!”
Anita: “Are you going to pay with a credit card or not?”

Item 28
Mark checks in at a hotel. After the receptionist hands him the room keys, the following exchange ensues:
Receptionist: “Sir, would you like to have breakfast directly served in your room?”
Mark: “Is there a charge for it?”
Receptionist: “It's a great service. Our customers love it.”
Q2: NAQ Mark: “Is there a charge for it or not?”
Q2: CAQ Mark: “Is there a charge for it or is it free?”
Receptionist: “You can also order food from the special menu.”
Q3: Matching Mark: “Is there a charge for it?”
Q3A: Non-matching (Emph) Mark: “IS THERE A CHARGE FOR IT?”
Q3B: Non-matching (Wh-Q) Mark: “How much should I pay for it?”

Control
Mark checks in at a hotel. After the receptionist hands him the room keys, the following exchange ensues:
Receptionist: “Sir, would you like to have breakfast directly served in your room?”
Mark: “How much should I have to pay for it?”
Receptionist: “It's a great service. Our customers love it.”
Mark: “Ok, but is there a charge for it?”
Receptionist: “You can also order food from the special menu.”
Mark: “Is there a charge for it or not?”

Item 29
Paul is considering moving in into a new apartment. He calls the landlord to find out more.
Landlord: “It's a very spacious, very cozy apartment!”
Paul: “Is the bedroom upstairs?”
Landlord: “There is so much light, even during the winter!”
Q2: NAQ Paul: “Is the bedroom upstairs or not?”
Q2: CAQ Paul: “Is the bedroom upstairs or downstairs?”
Landlord: “And there is a storage room too.”
Q3: Matching Paul: “Is the bedroom upstairs?”
Q3A: Non-matching (Emph) Paul: “IS THE BEDROOM UPSTAIRS?”

Q3B: Non-matching (Wh-Q) Paul: “On which floor is the bedroom?”

Control
Paul is considering moving in into a new apartment. He calls the landlord to find out more.
Landlord: “It's a very spacious, very cozy apartment!”
Paul: “On which floor is the bedroom?”
Landlord: “There is so much light, even during the winter!”
Paul: “Is it upstairs?”
Landlord: “And there is a storage room too.”
Paul: “Is the bedroom upstairs or not?”

Item 30
Fred is looking for a place. Since he has an injured leg:
Landlord: “So, the apartment might be free in two weeks!”
Fred: “That’s great! Is there an elevator in the building?”
Landlord: “The neighbors are very quiet”
Q2: NAQ Fred: “Is there an elevator in the building or not?”
Q2: CAQ Fred: “Is there an elevator in the building or do you have to take the stairs?”
Landlord: “You also have a view of downtown from the living room!”
Q3: Matching Fred: “Is there an elevator in the building?”
Q3A: Non-matching (Emph) Fred: “IS THERE AN ELEVATOR IN THE BUILDING?”
Q3B: Non-matching (Wh-Q) Fred: “How do you get to the apartment once you’re in the building?”

Control
Fred is looking for a place. Since he has an injured leg:
Landlord: “So, the apartment might be free in two weeks!”
Fred: “That’s great! How do you get to the apartment once you’re in the building?”
Landlord: “The neighbors are very quiet”
Fred: “Ok, but is there an elevator in the building?”
Landlord: “You also have a view of downtown from the living room!”
Fred: “Is there an elevator in the building or not?”

Fillers: Experiment 1

Filler 1
It's a sweltering summer day. David is sitting on the porch drenched in sweat, while Wilma is trying to take a nap in the shade. At some point their son Fred comes in and asks:
“Should I go get some ice-cream?”

Filler 2
Bob and Jessica are talking about their high school memories. At some point, they start recalling when one of their classmates showed up 30 minutes late to class saying that he met a gang of aliens on his way to school. However, none of them remembers the guy's name. Thus, Bob calls Tracy, another high school friend, to see if she remembers. He asks her:
“What’s the name of the guy who said he saw aliens on his way to class?”

Filler 3
Hanna has a meeting at 2 pm downtown. However, as soon as she gets off the train, she realizes that her phone died. She thus stops a person on the street and asks:
“What time is it, please?”

Filler 4
Brenda and Tony are having dinner at a restaurant. The food, however, is disappointing. As such, Tony would like to complain with the manager. Before paying, he waives down a waiter and asks:
“Who is the manager of this place?”

Filler 5
Dan wants to go see a 18+ age restricted movie at the movie theater. When he tries to buy the ticket, the lady at the counter wants to make sure Dan is old enough. She thus asks him:
“How old are you?”

Filler 6
Barbara organized a birthday party at her house. Once all her friends have arrived, she asks:
“Who wants some cake?”

Filler 7
Maria wants to take a statistics course. Before signing up for it, though, she wants to find out who teaches it. She runs into her friend Frank, who is always up to date with the latest news on the course schedule. She thus asks him:
“Who is teaching the course this year?”

Filler 8
Evelyn is talking to Brian about her trip to Kathmandu. Brian, though, has no idea where this place is. He thus asks:
“Where is Kathmandu?”

Filler 9
Martina's colleague Hannah is talking about her son, who just had his first day at school. Martina, however, thought the boy was older. She thus asks:
“How old is your son again?”

Filler 10
Joe and Greg are hiking in the woods. After a very steep stretch of the trail, Joe asks:
“How far are we from the top?”

Filler 11
Judy is reading a book. Henry comes in the room and asks her about the plot. Henry is intrigued by what he hears and would like to read the book as well. He thus asks:
“Can I borrow it from you once you are done?”

Filler 12
Rosie and Doug are picking mushrooms. At some point Rosie sees a gigantic mushroom under a tree. She thus asks Doug:
“Is that mushroom edible?”

Filler 13
Tina is looking at some pictures from her high school years. In one photo she spots Nate, a classmate of hers who went on to become a professor. However, Tina has no clue whatsoever about where Nate got his Ph.D, and thus calls Mary to find out. She asks her:
“Nate went to Stanford, didn't he?”

Filler 14
Vince is studying hard for a high school test. His mom sees that he is really stressed out and wants to instill some confidence in him. She thus asks him:
“You aren't going to pass, are you?”

Filler 15
Victoria and Lucy are talking about how Victoria is going to dress up at the party. Lucy has no idea about the color of Victoria's dress and wants to find it out. She thus asks:
“You are going to wear a white dress, aren't you?”

Filler 16
Ray and Charlie are going out for lunch. Ray says he can’t eat pasta, Charlie wants to know why, but he has no clue whatsoever as to why one would have such a dietary restriction. He thus asks:
“You are on a low-carbs diet, aren’t you?”

Filler 17
Steve’s mother told Dave that Steve has a fever. Dave thinks that it is very unlikely that Steve will make it to the party, which is set to happen that night. He thus asks Steve’s mom:
“Isn't Steve coming to the party?”

Filler 18
Greg and Fred are ordering burgers at a diner. Greg orders cole slaw on the side. Fred, however, is surprised, as he believed that Greg liked fries better than cole slaw. He thus asks Greg:
“Don't you prefer cole slaw to fries?”

Filler 19
Bill is telling Thomas that his soccer team lost again and are now last in the standings. Thomas is surprised, as he thought that Bill played in a very good team. He thus asks:
“Didn’t you play in a bad team?”

Filler 20
Karen is ordering a gluten free salad in a restaurant. Her friend Aileen, however, thought that Karen did eat gluten. She thus asks Aileen:
“Hadn't you stopped eating gluten?”

Filler 21
After a long day at work, Greg is driving home. At an intersection, a cop pulls him over and asks for his license and registration. After Greg hands them to him, the cop asks:
“You were speeding?”

Filler 22
In a trial for a tax evasion case, the state attorney is trying to establish where the company accused of fraud is base. He thus asks:
“The company is based in Europe?”

Filler 23
Frank is traveling on a train. At some point, the conductor walks in to collect the tickets. As he approaches Frank, he asks:
“You are going where, sir?”

Filler 24
During an oral examination, the teacher wants to begin by testing Mark's knowledge of basic maths. As the first question, the teacher thus asks:
“7 is a prime number?”

Fillers: Experiment 2-3

Filler 1
It's a sweltering summer day. Wilma and David are hanging out on the porch.
Wilma: “It’s hot in here!”
David: “Should I go get some ice-cream?”

Filler 2
Bob and Jessica are talking about their high school memories.
Jessica: “Remember that time someone said that he saw aliens on his way to school?”

Bob: “Yeah! What’s the name of the guy?”

Filler 3
Hanna has a meeting at 2 pm downtown. However, as soon as she gets off the train, she realizes that her phone died. She thus stops a person on the street:
Person: “Yes?”
Hanna: “What time is it, please?”

Filler 4
Brenda and Tony are having dinner at a restaurant. The food, however, is disappointing. As such, Tony would like to complain with the manager. Before paying, he waives down a waiter.
Waiter: “Yes, sir?”
Tony: “Who is the manager of this place?”

Filler 5
Dan wants to go see a 18+ age restricted movie at the movie theater. When he tries to buy the ticket, the lady at the counter wants to make sure Dan is old enough.
Dan: “One ticket, please.”
Lady: “Hmm, how old are you?”

Filler 6
Barbara organized a birthday party at her house.
Guest: “I’m still hungry!”
Barbara: “Do you want some cake?”

Filler 7
Maria wants to take a statistics course. Before signing up for it, though, she wants to find out who teaches it. She runs into her friend Frank, who is always up to date with the latest news on the course schedule.
Frank: “Hey, what’s up!”
Maria: “Who is teaching the stats course this year?”

Filler 8
Evelyn is talking to Brian about her trip to Kathmandu. Brian, though, has no idea where this place is.
Evelyn: “I had the time of my life!”
Brian: “Ok, but where is Kathmandu?”

Filler 9
Martina and Hannah are talking about their sons, who just had their first day at school.
Martina: “I heard your son had a great time!”
Hannah: “Yeah, how about yours?”

Filler 10
Joe and Greg are hiking in the woods. They go through a very steep stretch of the trail.
Joe: “Wow, this stretch is rough!”
Greg: “Jeez! How far are we from the top?”

Filler 11

Hans and Katie are buying groceries.
Hans: “We need to get some milk.”
Katie: “Don’t we already have some at home?”

Filler 12
Vince is studying hard for a high school test. His mom sees that he is really stressed out and wants to instill some confidence in him.
Mom: “I have confidence in you.”
Vince: “This is going to be hard!”
Mom: “You are going to pass, do you want to bet?”

Filler 13
Victoria and Lucy are talking about how Victoria is going to dress up at the party.
Lucy: “Do you already know what you are going to wear?”
Victoria: “No! I’m so indecisive!”
Lucy: “What options are you considering?”

Filler 14
Ray and Charlie are having lunch together.
Ray: “I heard the pizza is pretty good here.”
Charlie: “You are a huge fan of pizza, aren’t you?”’

Filler 15
Steve’s mother and Dave are talking about Steve.
Steve’s mother: “Steve is feeling better now.”
Dave: “So, I guess he’ll make it to the party, right?”

Filler 16
Greg and Fred are ordering burgers at a diner.
Greg: “I’d like cole slaw on the side, please.”
Fred: “Don't you prefer fries to cole slaw?”

Filler 17
Bill is telling Thomas about his season as an amateur soccer player.
Bill: “We’ve lost 15 games in a row.”
Thomas: “When is your best player coming back?”
Bill: “We are playing so bad.”
Thomas: “Ok, but when is your best player coming back?”
Bill: “We just suck.”
Thomas: “Bill, listen to me please!!! WHEN IS YOUR BEST PLAYER COMING BACK!?”

Filler 18
Karen and Aileen are about to have lunch together.
Karen: “I think I’ll get pasta with tomato sauce.”
Aileen: “Hadn't you stopped eating gluten?”
Karen: “I heard the pasta is great here.”
Aileen: “Ok, but hadn't you stopped eating gluten?”
Karen: “They have an Italian chef.”

Aileen: “Karen, listen to me please!!! HADN’T YOU STOPPED EATING GLUTEN!?”

Filler 19
After a long day at work, Greg is driving home and is pulled over by a cop.
Greg: “Good evening, officer.”
Cop: “Did you drink before driving?”
Greg: “Why was I pulled over, officer?”
Cop: “Sir, did you drink before driving?”
Greg: “Why was I pulled over, officer?”
Cop: “Sir, please answer my question! DID YOU DRINK BEFORE DRIVING!?”

Filler 20
Brad and Leah are planning a road trip.
Brad: “Where would you like to go?”
Leah: “I’m so excited!”
Brad: “Ok, but where would you like to go?”
Leah: “I can’t wait!”
Brad: “Leah, listen to me please!!! WHERE WOULD YOU LIKE TO GO!?”