## Suggested Additions and Changes to EvidenceVariable

**Option 1**
An example using Option 1 based on Eligibility Criteria for Bariatric Surgery Randomized Trial can be viewed at [https://fevir.net/resources/EvidenceVariablePlusCharacteristic/32064](https://fevir.net/resources/EvidenceVariablePlusCharacteristic/32064)

1. Addition of copyright 0..1 markdown
2. Addition of approvalDate 0..1 dateTime
3. Addition of lastReviewDate 0..1 dateTime
4. Addition of effectivePeriod 0..1 Period
5. Addition of characteristic.linkId 0..1 id
6. Change datatype of characteristic.note 0..* from Annotation to string
7. Change datatype of characteristic.type 0..1 CodeableConcept | Reference (EvidenceVariable) | id
8. Change datatype of characteristic.value[x] 1..1 CodeableConcept | boolean | Quantity | Range | Reference() | canonical() | Expression
9. Addition of characteristic.offset 0..1 CodeableConcept
10. Change datatype of characteristic.timeFromEvent.event 0..1 from CodeableConcept to event(x) CodeableConcept | Reference() | dateTime | id
11. Change datatype of characteristic.timeFromEvent.note 0..* from Annotation to string
12. Addition of characteristic.combination 0..1 BackboneElement

**Option 2**
An example using Option 2 based on Eligibility Criteria for Bariatric Surgery Randomized Trial can be found at [https://fevir.net/resources/EvidenceVariablePlusCharacteristic/32120](https://fevir.net/resources/EvidenceVariablePlusCharacteristic/32120)

1. Addition of copyright 0..1 markdown
2. Addition of approvalDate 0..1 dateTime
3. Addition of lastReviewDate 0..1 dateTime
4. Addition of effectivePeriod 0..1 Period
5. Addition of characteristic.linkId 0..1 id
6. Change datatype of characteristic.note 0..* from Annotation to string
7. Change cardinality of characteristic.definition[x] from 1..1 to 0..1 (and add a rule that either definition[x] is used OR both type[x] and value[x] is used but NOT BOTH definition and type /value)
8. Change datatype of characteristic.type 0..1 from CodeableConcept to type[x] CodeableConcept | Reference (EvidenceVariable) | id
9. Addition of characteristic.value[x] 0..1 CodeableConcept | boolean | Quantity | Range | Reference() added datatypes to support boolean, Quantity, and Range. Makes it possible to define quantitative characteristics. OPTION 1 LOOKS SIMPLER FOR THE RESOURCE STRUCTURE BUT REQUIRES THE IMPELEMENTER TO ALWAYS USE DEFINITION(X) AND CONSIDER ADDING TYPE [X] OPTIONALLY WHEN A CODE/VALUE PAIR IS DESIRED. OPTION 2 SEPARATES THE APPROACH FOR SINGLE-ITEM DEFINITIONS AND TWO-ITEM CODE/VALUE PAIRS TO DEFINE A CHARACTERISTIC.
10. Change datatype of characteristic.offset 0..1 CodeableConcept
11. Change datatype of characteristic.timeFromEvent.event 0..1 from CodeableConcept to event(x) CodeableConcept | Reference() | dateTime | id
12. Change datatype of characteristic.timeFromEvent.note 0..* from Annotation to string

**Explanation**
Why was this added? What does the change make possible? How does it make it possible? If there are differences between Option 1 and Option 2 please highlight the differences.
|   | Addition of characteristic.combination. code 1..1 code (all-of | any-of | at-least | at-most | net-effect) |   | Addition of characteristic.combination. code 1..1 code (all-of | any-of | at-least | at-most | net-effect) | Added to support characteristics specifying combinations of other characteristics. |
|---|---------------------------------------------------------------|---|---------------------------------------------------------------| Added to support characteristics specifying combinations of other characteristics. |
|   | Addition of characteristic.combination. threshold 0..1 positiveInt |   | Addition of characteristic.combination. threshold 0..1 positiveInt | Added to support characteristics specifying combinations of other characteristics. |
|   | Addition of characteristic.combination. characteristic 1.." see characteristic |   | Addition of characteristic.combination. characteristic 1.." see characteristic | Added to support characteristics specifying combinations of other characteristics. |