

COMFOCUS Ontology Import

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1 General notes

1. The XML for the new classes and instances is generated using custom code written in Python 3.12.
2. The new XML is added in the OWL file `COMFOCUS_for_import.owl`, available in the project GitHub repository.

2 Harmonised measure

2.1 Notes

1. Number of imported classes: 5
2. Harmonised measure InformedConsent and all its related classes are not imported in the ontology.
3. Existing class used as template: SocioDemographics
http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_00000000000000000381

2.2 SocioDemographics

The screenshot displays the Protege interface with the 'Classes' tab selected. The class hierarchy for 'SocioDemographics' is shown on the left, starting from 'owl:Thing' and descending through 'entity', 'continuant', 'information content entity', 'classification', 'document', 'document element', 'document part', 'measure', 'custom measure', 'harmonised measure', and finally 'SocioDemographics'. The 'Annotations' tab on the right shows three annotations for 'SocioDemographics': 'rdfs:label' with the value 'SocioDemographics' (language: en), 'dc:creator' with the value 'http://orcid.org/0000-0001-7597-2590', and 'dc:date' with the value '2023-05-19T09:14:38Z' (type: xsd:dateTime).

The screenshot displays the Protege interface with the 'Usage' tab selected. The 'Usage: SocioDemographics' section shows 11 uses of the class. The first use is 'harmonised questionnaire component', which is a 'SubClassOf' of 'part_of' of 'SocioDemographics'. The second use is 'Sex/gender identity (COMFOCUS)', which is a 'SubClassOf' of 'is_about' of 'SocioDemographics'. The third use is 'SocioDemographics', which is a 'SubClassOf' of 'harmonised measure'. The 'SocioDemographics' section also lists the following properties: 'dc:creator' with value '0000-0001-7597-2590', 'dc:date' with value '2023-05-19T09:14:38Z' (type: xsd:dateTime), 'Class: SocioDemographics', and 'rdfs:label' with value 'SocioDemographics' (language: en).

```
<Declaration>
  <Class IRI="http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_00000000000000000381"/>
</Declaration>
<AnnotationAssertion>
  <AnnotationProperty abbreviatedIRI="rdfs:label"/>
  <IRI>http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_00000000000000000381</IRI>
  <Literal xml:lang="en">SocioDemographics</Literal>
</AnnotationAssertion>
<AnnotationAssertion>
  <AnnotationProperty abbreviatedIRI="dc:creator"/>
  <IRI>http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_00000000000000000381</IRI>
```

[illegible]

3 Food Consumer Quality

3.1 Notes

1. Number of imported classes: 58
2. Class description (data property dc:description) is not added in this import.
3. The object property “is_specified_input_of” connecting qualities and classifications, given in the example “Sex/Gender Identity” will not be imported, as decided at the meetings on 8-9 May 2024 in Ljubljana. An object property “is_measured_by” connecting qualities and harmonised questionnaire components will be imported, as given in the example “Age (COMFOCUS)”.
4. Existing class used as template: Sex/Gender Identity
http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_00000000000000000013

3.2 Sex/Gender Identity

The screenshot shows the Protégé ontology editor with the 'Classes' tab selected. The class hierarchy for 'sex/gender identity' is displayed on the left, showing it as a subclass of 'owl:Thing' and 'entity', with various continuant and quality subclasses. The 'Annotations' tab on the right shows the following information for 'sex/gender identity':

- rdfs:label** [language: en]: sex/gender identity
- dc:description**: 'Sex' is a biological categorisation assigned at birth (e.g. Male, Female, Intersex) which is defined by genital anatomy (Tate, Ledbetter, & Youssef, 2013). 'Gender' is a self-assigned identity representing a person's "current sense of self in relation to societal gender categories" (Tate et al, 2013, p.1) and as such one's gender identity can be the same (cis) or different (trans) from their birth assigned sex category. Gender identity has also been defined as "a person's deeply-felt, inherent sense of being a boy, a man, or male; a girl, a woman, or female; or an alternative gender" (Hughes et al, 2016, p.140).
- dc:creator**: <http://orcid.org/0000-0001-7597-2590>
- dc:date** [type: xsd:dateTime]: 2023-05-18T14:09:55Z

The screenshot shows the Protégé ontology editor with the 'Usage' tab selected. It displays the uses of 'sex/gender identity' in the ontology. The 'sex classification' class is shown as a subclass of 'sex/gender identity' with the property 'is_specified_input_of'. The 'sex/gender identity' class is also shown with its various annotations, including the description, creator, date, and label.

<Declaration>

<Class IRI="http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_00000000000000000013"/>

</Declaration>

<AnnotationAssertion>

<AnnotationProperty abbreviatedIRI="rdfs:label"/>

<IRI>http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_00000000000000000013</IRI>

<Literal xml:lang="en">sex/gender identity</Literal>

</AnnotationAssertion>

```

<AnnotationAssertion>
  <AnnotationProperty abbreviatedIRI="dc:creator"/>
  <IRI>http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000000013</IRI>
  <IRI>http://orcid.org/0000-0001-7597-2590</IRI>
</AnnotationAssertion>
<AnnotationAssertion>
  <AnnotationProperty abbreviatedIRI="dc:date"/>
  <IRI>http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000000013</IRI>
  <Literal datatypeIRI="http://www.w3.org/2001/XMLSchema#dateTime">2023-05-18T14:09:55Z</Literal>
</AnnotationAssertion>
<AnnotationAssertion>
  <AnnotationProperty abbreviatedIRI="dc:description"/>
  <IRI>http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000000013</IRI>
  <Literal>'Sex' is a biological categorisation assigned at birth (e.g. Male, Female, Intersex) which is defined by genital anatomy (Tate, Ledbetter, & Youssef, 2013). 'Gender' is a self-assigned identity representing a person's "current sense of self in relation to societal gender categories" (Tate et al, 2013, p.1) and as such one's gender identity can be the same (cis) or different (trans) from their birth assigned sex category. Gender identity has also been defined as "a person's deeply-felt, inherent sense of being a boy, a man, or male; a girl, a woman, or female; or an alternative gender" (Hughes et al, 2016, p.140).</Literal>
</AnnotationAssertion>
<SubClassOf>
  <Class IRI="http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000000013"/>
  <Class IRI="http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_00000000000000000000610"/>
</SubClassOf>

```

3.3 Age (COMFOCUS)

The screenshot displays the Protégé ontology editor interface. On the left, the 'Classes' tab is active, showing a class hierarchy for 'Age (COMFOCUS)'. The hierarchy starts with 'owl:Thing' and 'entity', leading to 'continuant', 'generically dependent continuant', and 'information content entity'. Under 'information content entity', there are several subclasses, including 'classification', 'document', 'document element', 'document part', 'questionnaire component', 'custom questionnaire component', and 'harmonised questionnaire component'. The 'Age (COMFOCUS)' class is highlighted under the 'harmonised questionnaire component'.

On the right, the 'Annotations' tab is active, showing the annotations for the 'Age (COMFOCUS)' class. The annotations include:

- rdfs:label** [language: en]: Age (COMFOCUS)
- definition**: The number of years an individual has lived
- dc:creator**: <http://orcid.org/0000-0001-7597-2590>
- dc:date** [type: xsd:dateTime]: 2024-05-06T21:10:11Z
- theoretical_background** [language: en]: 'Age' is a key demographic variable used in food related studies to enable targeted recruitment of selected populations and an accurate description of the recruited study sample. Collection of this variable also facilitates study replication, the potential comparison of similarities and differences across studies and an understanding of whether study outcomes are specific to a population group or may be generalised to a larger population (Hughes, Camden, & Yangchen, 2016). Whilst Date of Birth (DOB) may initially appear to be the most effective way of determining age for an individual, for reasons related to data protection and privacy (i.e. GDPR), collection of DOB which may personally identify someone is not generally recommended for social science research. To avoid this issue, researchers in the food domain have tended to use categories to collect data on participants' ages, however, the categories used vary between surveys and in many cases are arbitrary or study specific (Hughes et al, 2016). This makes it difficult to compare datasets from different studies if the age categories overlap or do not match sufficiently. Therefore, collecting age data at a level of specificity that would allow for age categories to be assigned later according to study needs rather than adopting fixed categories would seem more useful. Hughes, J. L., Camden, A. A., & Yangchen, T. (2016). Rethinking and updating demographic questions: Guidance to improve descriptions of research samples. Psi Chi Journal of Psychological Research, 21(3), 138-151. Available at: <https://psycnet.apa.org/record/2016-45623-001>

The screenshot displays the COMFOCUS Ontology Import interface. The left pane shows the 'Class hierarchy' for 'Age (COMFOCUS)', which is an asserted class. The hierarchy starts with 'owl:Thing' and 'entity', leading to 'continuant', 'generically dependent continuant', 'information content entity', 'classification', 'document', 'document element', 'document part', 'questionnaire component', 'custom questionnaire component', 'Cognitive and affective attitude measure', 'Quality Expectations Measure (custom)', 'harmonised questionnaire component', and finally 'Age (COMFOCUS)'. Below this are several measures: 'Behavioural intention measure', 'Behavioural willingness measure', 'Cognitive and affective attitude measure', 'Cognitive restraint sub-measure of the', 'Consumer confidence in food integrity', and 'Consumer loyalty measure'.

The right pane shows the 'Usage' section for 'Age (COMFOCUS)'. It lists 17 uses of the class, including:

- 'age' SubClassOf is_measured_by some 'Age (COMFOCUS)'
- 'Age (COMFOCUS)' SubClassOf is_about some 'SocioDemographics'
- 'Age (COMFOCUS)' SubClassOf 'harmonised questionnaire component'
- 'Age (COMFOCUS)' definition 'The number of years an individual has lived'
- 'Class: 'Age (COMFOCUS)'
- 'Age (COMFOCUS)' theoretical_background "'Age' is a key demographic variable used in food related studies to enable targeted recruitment of selected populations and an accurate description of the recruited study sample. Collection of this variable also facilitates study replication, the potential comparison of similarities and differences across studies and an understanding of whether study outcomes are specific to a population group or may be generalised to a larger population (Hughes, Camden, & Yangchen, 2016). Whilst Date of Birth (DOB) may initially appear to be the most effective way of determining age for an individual, for reasons related to data protection and privacy (i.e. GDPR), collection of DOB which may personally identify someone is not generally recommended for social science research. To avoid this issue, researchers in the food domain have tended to use categories to collect data on participants' ages, however, the categories used vary between surveys and in many cases are arbitrary or study specific (Hughes et al, 2016). This makes it difficult to compare datasets from different studies if the age categories overlap or do not match sufficiently. Therefore, collecting age data at a level of specificity that would allow for age categories to be assigned later according to study needs rather than adopting fixed categories would seem more useful. Hughes, J. L., Camden, A. A., & Yangchen, T. (2016). Rethinking and updating demographic questions: Guidance to improve descriptions of research samples. Psi Chi Journal of Psychological Research, 21(3), 138-151. Available at: https://psycnet.apa.org/record/2016-45623-001'
- 'Age (COMFOCUS)' dc:creator '0000-0001-7597-2590'
- 'Age (COMFOCUS)' rdfs:label 'Age (COMFOCUS)'@en
- 'Age (COMFOCUS)' dc:date '2024-05-06T21:10:11Z'^xsd:dateTime
- 'month of birth' SubClassOf is_about some 'Age (COMFOCUS)'
- 'year of birth' SubClassOf is_about some 'Age (COMFOCUS)'

<Declaration>

<Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000762"/>

</Declaration>

<AnnotationAssertion>

<AnnotationProperty abbreviatedIRI="obo:IAO_0000115"/>

<IRI>http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000762</IRI>

<Literal>The number of years an individual has lived</Literal>

</AnnotationAssertion>

<AnnotationAssertion>

<AnnotationProperty abbreviatedIRI="dc:creator"/>

<IRI>http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000762</IRI>

<IRI>http://orcid.org/0000-0001-7597-2590</IRI>

</AnnotationAssertion>

<AnnotationAssertion>

<AnnotationProperty abbreviatedIRI="dc:date"/>

<IRI>http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000762</IRI>

<Literal datatypeIRI="http://www.w3.org/2001/XMLSchema#dateTime">2024-05-06T21:10:11Z</Literal>

</AnnotationAssertion>

<AnnotationAssertion>

<AnnotationProperty IRI="#theoretical_background"/>

<IRI>http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000762</IRI>

<Literal xml:lang="en">'Age' is a key demographic variable used in food related studies to enable targeted recruitment of selected populations and an accurate description of the recruited study sample. Collection of this variable also facilitates study replication, the potential comparison of similarities and differences across studies and an understanding of whether study outcomes are specific to a population group or may be generalised to a larger population (Hughes, Camden, & Yangchen, 2016). Whilst Date of Birth (DOB) may initially appear to be the most effective way of determining age for an individual, for reasons related to data protection and privacy (i.e. GDPR), collection of DOB which may personally identify someone is not generally recommended for social science research. To avoid this issue, researchers in the food domain have tended to use categories to collect data on participants' ages, however, the categories used vary between surveys and in many cases are arbitrary or study specific (Hughes et al, 2016). This makes it difficult to compare datasets from different studies if the age categories overlap or do not match sufficiently. Therefore, collecting age data at a level of specificity that would allow for age categories to be assigned later according to study needs rather than adopting fixed categories would seem more useful. Hughes, J. L., Camden, A. A., & Yangchen, T. (2016). Rethinking and updating demographic questions: Guidance to improve descriptions of research samples. Psi Chi Journal of Psychological Research, 21(3), 138-151. Available at: https://psycnet.apa.org/record/2016-45623-001</Literal>

</AnnotationAssertion>

<AnnotationAssertion>

<AnnotationProperty abbreviatedIRI="rdfs:label"/>

<IRI>http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000762</IRI>

<Literal xml:lang="en">Age (COMFOCUS)</Literal>

</AnnotationAssertion>

<SubClassOf>

<Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000762"/>

<Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000549"/>

</SubClassOf>

<SubClassOf>

<Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000706"/>

<ObjectSomeValuesFrom>


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</ObjectSomeValuesFrom>
</SubClassOf>

<SubClassOf>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000762"/>
  <ObjectSomeValuesFrom>
    <ObjectProperty IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000350"/>
    <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000381"/>
    </ObjectSomeValuesFrom>
  </SubClassOf>

<SubClassOf>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_00000000000000002839"/>
  <ObjectSomeValuesFrom>
    <ObjectProperty IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000350"/>
    <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000762"/>
    </ObjectSomeValuesFrom>
  </SubClassOf>

<SubClassOf>
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    <ObjectProperty IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000350"/>
    <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000762"/>
    </ObjectSomeValuesFrom>
  </SubClassOf>
```

Classes Object properties Data properties

Class hierarchy: Sex/gender identity (COMFOCUS)

Annotations Usage

Annotations: Sex/gender identity (COMFOCUS)

Annotations +

rdfs:label [language: en]
Sex/gender identity (COMFOCUS)

definition
'Sex' is a biological categorisation assigned at birth (e.g. Male, Female, Intersex) which is defined by genital anatomy (Tate, Ledbetter, & Youssef, 2013). 'Gender' is a self-assigned identity representing a person's "current sense of self in relation to societal gender categories" (Tate et al, 2013, p.1) and as such one's gender identity can be the same (cis) or different (trans) from their birth assigned sex category. Gender identity has also been defined as "a person's deeply-felt, inherent sense of being a boy, a man, or male; a girl, a woman, or female; or an alternative gender" (Hughes et al, 2016, p.140).

dc:creator
<http://orcid.org/0000-0001-7597-2590>

dc:date [type: xsd:dateTime]
2023-05-24T08:28:14Z

theoretical_background [language: en]
Historically, in social science the terms, 'Sex' and 'Gender' have been used interchangeably. A systematic review of the largest surveys in the United States, suggests that "essentialist practices that treat sex and gender as synonymous, easily determined by others, obvious, and unchanging over the life course" (Saperstein & Westbrook, 2015, p.534) are problematic and perpetuate findings and beliefs that are disconnected from "the diversity of gendered experiences" (Saperstein & Westbrook, 2015, p.536). It is clearly necessary moving forward, that the findings of social science are able to represent people in terms of their current sense of self. However, for food-choice studies, which involve some form of biological outcome, it still remains important to also capture a person's sex as assigned at birth. The approach suggested by Tate et al (2013) in their paper 'A Two-Question Method for Assessing Gender Categories in the Social and Medical Sciences' would appear to be the best way forward for COMFOCUS. This involves asking participants about the 'Sex' they were assigned at birth and also about the 'Gender' they identify with currently. Hughes, J. L., Camden, A. A., & Yangchen, T. (2016). Rethinking and updating demographic questions: Guidance to improve descriptions of research samples. *Psi Chi Journal of Psychological Research*, 21(3), 138-151. Available at: <https://psycnet.apa.org/record/2016-45623-001> Tate, C. C., Ledbetter, J. N., & Youssef, C. P. (2013). A two-question method for assessing gender categories in the social and medical sciences. *Journal of sex research*, 50(8), 767- 776. Available at: <https://www.tandfonline.com/doi/abs/10.1080/00224499.2012.690110> Saperstein, A., & Westbrook, L. (2015). New Categories Are Not Enough: Rethinking the Measurement of Sex and Gender in Social Surveys. *Gender and Society*, 29(4). Available at: <https://journals.sagepub.com/doi/10.1177/0891243215584758>

The screenshot displays a web-based ontology editor interface. On the left, the 'Classes' tab is active, showing a class hierarchy for 'Sex/gender identity (COMFOCUS)'. The hierarchy starts with 'owl:Thing' and branches into 'entity', 'continuant', 'generically dependent continuant', 'information content entity', 'classification', 'document', 'document element', 'document part', 'questionnaire component', 'custom questionnaire component', 'harmonised questionnaire component', 'Sex/gender identity (COMFOCUS)', 'measure', 'independent continuant', 'specifically dependent continuant', and 'occurrent'. On the right, the 'Usage' tab is active, showing 15 uses of 'Sex/gender identity (COMFOCUS)'. The uses include 'current gender', 'sex at birth', and 'Sex/gender identity (COMFOCUS)' itself, with various annotations such as 'rdfs:label', 'SubClassOf', 'dc:creator', 'theoretical_background', 'Class', 'definition', and 'dc:date'.

<Declaration>

```
<Class IRI="http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_000000000000000000490"/>
```

</Declaration>

<AnnotationAssertion>

```
<AnnotationProperty abbreviatedIRI="rdfs:label"/>
```

```
<IRI>http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_000000000000000000490</IRI>
```

```
<Literal xml:lang="en">Sex/gender identity (COMFOCUS)</Literal>
```

</AnnotationAssertion>

<AnnotationAssertion>

```
<AnnotationProperty abbreviatedIRI="dc:creator"/>
```

```
<IRI>http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_000000000000000000490</IRI>
```

```
<IRI>http://orcid.org/0000-0001-7597-2590</IRI>
```

</AnnotationAssertion>

<AnnotationAssertion>

```
<AnnotationProperty abbreviatedIRI="dc:date"/>
```

```
<IRI>http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_000000000000000000490</IRI>
```

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</AnnotationAssertion>

<AnnotationAssertion>

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```

```
<IRI>http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_000000000000000000490</IRI>
```

```
<Literal>'Sex' is a biological categorisation assigned at birth (e.g. Male, Female, Intersex) which is defined by genital anatomy (Tate, Ledbetter, & Youssef, 2013). 'Gender' is a self-assigned identity representing a person's "current sense of self in relation to societal gender categories" (Tate et al, 2013, p.1) and as such one's gender identity can be the same (cis) or different (trans) from their birth assigned sex category. Gender identity has also been defined as "a person's deeply-felt, inherent sense of being a boy, a man, or male; a girl, a woman, or female; or an alternative gender" (Hughes et al, 2016, p.140).</Literal>
```

</AnnotationAssertion>

<AnnotationAssertion>

```
<AnnotationProperty IRI="#theoretical_background"/>
```

```
<IRI>http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_000000000000000000490</IRI>
```

```
<Literal xml:lang="en">Historically, in social science the terms, 'Sex' and 'Gender' have been used interchangeably. A systematic review of the largest surveys in the Unites States, suggests that "essentialist practices that treat sex and gender as synonymous, easily determined by others, obvious, and unchanging over the life course" (Saperstein & Westbrook, 2015, p.534) are problematic and perpetuate findings and beliefs that are disconnected from "the diversity of gendered experiences" (Saperstein & Westbrook, 2015, p.536). It is clearly necessary moving forward, that the findings of social science are able to represent people in terms of their current sense of self. However, for food-choice studies, which involve some form of biological outcome, it still remains important to also capture a person's sex as assigned at birth. The approach suggested by Tate et al (2013) in their paper 'A Two-Question Method for Assessing Gender Categories in the Social and Medical Sciences' would appear to be the best way forward for COMFOCUS. This involves asking participants about the 'Sex' they were assigned at birth and also about the 'Gender' they identify with currently. Hughes, J. L., Camden, A. A., & Yangchen, T. (2016). Rethinking and updating demographic questions: Guidance to improve descriptions of research samples. Psi Chi Journal of Psychological Research, 21(3), 138-151. Available at: https://psycnet.apa.org/record/2016-45623-001 Tate, C. C., Ledbetter, J. N., & Youssef, C. P. (2013). A two-question method for assessing gender categories in the social and medical sciences. Journal of sex research, 50(8), 767- 776. Available at: https://www.tandfonline.com/doi/abs/10.1080/00224499.2012.690110 Saperstein, A., & Westbrook, L. (2015). New Categories Are Not Enough: Rethinking the Measurement of Sex and Gender in Social Surveys. Gender and Society, 29(4). Available at: https://journals.sagepub.com/doi/10.1177/0891243215584758</Literal>
```

</AnnotationAssertion>

<SubClassOf>

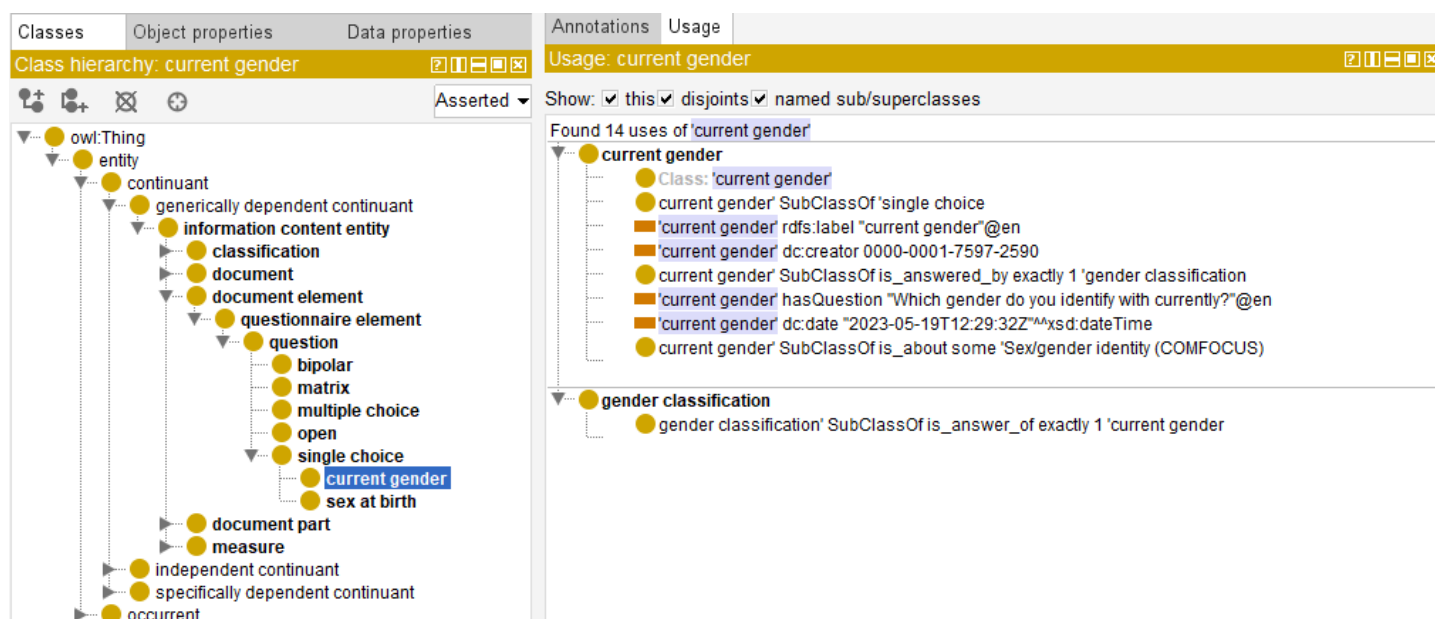
```
<Class IRI="http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_000000000000000000490"/>
```

```
<Class IRI="http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_000000000000000000549"/>
```

</SubClassOf>

<SubClassOf>

```
<Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000490"/>
<ObjectSomeValuesFrom>
  <ObjectProperty IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000350"/>
    <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000381"/>
  </ObjectSomeValuesFrom>
</SubClassOf>
```



```
<Declaration>  
    <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000389"/>  
</Declaration>  
<AnnotationAssertion>  
    <AnnotationProperty abbreviatedIRI="rdfs:label"/>  
    <IRI>http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000389</IRI>  
    <Literal xml:lang="en">current gender</Literal>  
</AnnotationAssertion>  
<AnnotationAssertion>  
    <AnnotationProperty abbreviatedIRI="dc:creator"/>  
    <IRI>http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000389</IRI>  
    <IRI>http://orcid.org/0000-0001-7597-2590</IRI>  
</AnnotationAssertion>  
<AnnotationAssertion>  
    <AnnotationProperty abbreviatedIRI="dc:date"/>  
    <IRI>http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000389</IRI>  
    <Literal datatypeIRI="http://www.w3.org/2001/XMLSchema#dateTime">2023-05-19T12:29:32Z</Literal>  
</AnnotationAssertion>  
<AnnotationAssertion>  
    <AnnotationProperty IRI="#hasQuestion"/>  
    <IRI>http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000389</IRI>  
    <Literal xml:lang="en">Which gender do you identify with currently?</Literal>  
</AnnotationAssertion>  
<SubClassOf>  
    <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000389"/>  
    <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000388"/>  
</SubClassOf>  
  
<!-- harmonised questionnaire component -->  
<SubClassOf>  
    <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000389"/>  
    <ObjectSomeValuesFrom>  
        <ObjectProperty IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000350"/>  
        <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000490"/>  
    </ObjectSomeValuesFrom>  
</SubClassOf>  
  
<!-- classification -->  
<SubClassOf>  
    <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000389"/>  
    <ObjectExactCardinality cardinality="1">  
        <ObjectProperty IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000362"/>  
        <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000578"/>  
    </ObjectExactCardinality>  
</SubClassOf>  
  
<SubClassOf>  
    <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000578"/>  
    <ObjectExactCardinality cardinality="1">  
        <ObjectProperty IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000543"/>  
        <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000389"/>  
    </ObjectExactCardinality>  
</SubClassOf>
```

5.3 Sex at birth

Classes Object properties Data properties

Class hierarchy: sex at birth

- owl:Thing
 - entity
 - continuant
 - generically dependent continuant
 - information content entity
 - classification
 - document
 - document element
 - questionnaire element
 - question
 - bipolar
 - matrix
 - multiple choice
 - open
 - single choice
 - current gender
 - sex at birth
 - document part
 - measure
 - independent continuant
 - specifically dependent continuant
 - occurrent

Annotations Usage

Annotations: sex at birth

Annotations +

| | |
|---|-------|
| rdfs:label [language: en] | @ X O |
| sex at birth | |
| dc:creator | @ X O |
| http://orcid.org/0000-0001-7597-2590 | |
| dc:date [type: xsd:dateTime] | @ X O |
| 2023-05-19T09:52:29Z | |
| hasQuestion [language: en] | @ X O |
| Which sex were you assigned at birth? | |

Classes

Object properties

Data properties

Annotations

Usage

Class hierarchy: sex at birth

Usage: sex at birth

+

+

✗

⊗

Asserted

Show: ☒ this ☒ disjoints ☒ named sub/superclasses

Found 14 uses of 'sex at birth'

sex at birth

- sex at birth' SubClassOf 'single choice
- Class: 'sex at birth'
- sex at birth' SubClassOf is_about some 'Sex/gender identity (COMFOCUS)
- 'sex at birth' rdfs:label "sex at birth"@en
- 'sex at birth' hasQuestion "Which sex were you assigned at birth?"@en
- sex at birth' SubClassOf is_answered_by exactly 1 'sex classification
- 'sex at birth' dc:creator 0000-0001-7597-2590
- 'sex at birth' dc:date "2023-05-19T09:52:29Z"^^xsd:dateTime

sex classification

- sex classification' SubClassOf is_answer_of exactly 1 'sex at birth

```
<Declaration>  
    Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_000000000000000000387"/>  
</Declaration>  
<AnnotationAssertion>  
    <AnnotationProperty abbreviatedIRI="rdfs:label"/>  
    <IRI>http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_000000000000000000387</IRI>  
    <Literal xml:lang="en">sex at birth</Literal>  
</AnnotationAssertion>  
<AnnotationAssertion>  
    AnnotationProperty abbreviatedIRI="dc:creator"/>  
    <IRI>http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_000000000000000000387</IRI>  
    <IRI>http://orcid.org/0000-0001-7597-2590</IRI>  
</AnnotationAssertion>  
<AnnotationAssertion>
```

[illegible]

6 Open question

6.1 Notes

1. Number of imported classes: 29
2. Existing class used as template: HR Restroom
http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_121d7aeb_ba37_4aa9_acdb_ae4e52cd90c8

6.2 HR Restroom

The screenshot shows the Protégé ontology editor interface. The top menu bar includes File, Edit, View, Reasoner, Tools, Refactor, Window, and Help. The main window displays the 'Comfocus_v1' ontology. The left pane shows the 'Class hierarchy' for 'hr restroom', which is a subclass of 'owl:Thing' and 'entity'. The hierarchy includes 'continuant', 'generically dependent continuant', 'information content entity', 'classification', 'document', 'document element', 'questionnaire element', 'question', 'bipolar', 'matrix', 'multiple choice', 'open', and finally 'hr restroom'. The right pane shows the 'Annotations' for 'hr restroom', including 'rdfs:label' (hr restroom) and 'hasQuestion' (Do you need to use the restroom?).

The screenshot shows the Protégé ontology editor interface, similar to the previous one, but with the 'Usage' tab selected for 'hr restroom'. The left pane shows the same class hierarchy. The right pane displays the 'Usage' for 'hr restroom', listing 12 uses. The uses include: 'hr restroom' hasQuestion "Do you need to use the restroom?", 'hr restroom' SubClassOf is_about some 'Participant details: On Day of Experiment', 'hr restroom' SubClassOf is_answered_by exactly 1 'open question answer', 'hr restroom' rdfs:label "hr restroom"@en, 'hr restroom' SubClassOf open, and 'Class: hr restroom'. Below this, the 'open question answer' class is shown with the use 'open question answer' SubClassOf is_answer_of exactly 1 'hr restroom'.

```
<Declaration>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_121d7aeb_ba37_4aa9_acdb_ae4e52cd90c8"/>
</Declaration>

<SubClassOf>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_121d7aeb_ba37_4aa9_acdb_ae4e52cd90c8"/>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_00000000000000000358"/>
</SubClassOf>

<AnnotationAssertion>
  <AnnotationProperty IRI="#hasQuestion"/>
  <IRI>http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_121d7aeb_ba37_4aa9_acdb_ae4e52cd90c8</IRI>
  <Literal>Do you need to use the restroom?</Literal>
</AnnotationAssertion>
<AnnotationAssertion>
  <AnnotationProperty abbreviatedIRI="rdfs:label"/>
  <IRI>http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_121d7aeb_ba37_4aa9_acdb_ae4e52cd90c8</IRI>
  <Literal xml:lang="en">hr restroom</Literal>
</AnnotationAssertion>

<SubClassOf>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_121d7aeb_ba37_4aa9_acdb_ae4e52cd90c8"/>
  <ObjectSomeValuesFrom>
    <ObjectProperty IRI="#OWLObjectProperty_ee3733ad_4e9b_415a_b934_ebc3835e3a1f"/>
    <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_00000000000000000775"/>
  </ObjectSomeValuesFrom>
</SubClassOf>

<SubClassOf>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_121d7aeb_ba37_4aa9_acdb_ae4e52cd90c8"/>
  <ObjectExactCardinality cardinality="1">
    <ObjectProperty IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_00000000000000000362"/>
    <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_52872762_98e4_4630_9d7a_780a5ff458a1"/>
  </ObjectExactCardinality>
</SubClassOf>

<SubClassOf>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_52872762_98e4_4630_9d7a_780a5ff458a1"/>
  <ObjectExactCardinality cardinality="1">
    <ObjectProperty IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_00000000000000000543"/>
    <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_121d7aeb_ba37_4aa9_acdb_ae4e52cd90c8"/>
  </ObjectExactCardinality>
</SubClassOf>
```

7 Matrix question and item

7.1 Notes

1. Number of imported classes (questions): 67
2. Number of imported sub-classes (items): 558
3. Existing class used as template: Food Neophobia Matrix
http://www.semanticweb.org/bkorousicseljok/ontologies/2023/5/Comfocus_v1/OWLClass_5729ae82_d487_4df0_80a0_e5e2e4f087fe

7.2 Food Neophobia Matrix

The screenshot displays the Protégé ontology editor interface. On the left, the 'Class hierarchy' pane shows a tree structure starting from 'owl:Thing' and descending through 'entity', 'continuant', 'information content entity', 'classification', 'document', 'document element', 'questionnaire element', 'question', 'bipolar', 'matrix', and finally 'Food Neophobia Matrix'. Below this, specific instances like 'Food Neophobia Matrix_1' through 'Food Neophobia Matrix_9' are listed. On the right, the 'Usage' pane shows 30 uses of the 'Food Neophobia Matrix' class, including its role as a 'hasQuestion' property, a 'SubClassOf' for various matrix items, and its 'rdfs:label' in English.

<Declaration>

```
<Class IRI="http://www.semanticweb.org/bkorousicseljok/ontologies/2023/5/Comfocus_v1/OWLClass_5729ae82_d487_4df0_80a0_e5e2e4f087fe"/>
```

</Declaration>

<AnnotationAssertion>

```
<AnnotationProperty abbreviatedIRI="rdfs:label"/>
```

```
<IRI>http://www.semanticweb.org/bkorousicseljok/ontologies/2023/5/Comfocus_v1/OWLClass_5729ae82_d487_4df0_80a0_e5e2e4f087fe</IRI>
```

```
<Literal xml:lang="en">Food Neophobia Matrix</Literal>
```

</AnnotationAssertion>

<AnnotationAssertion>

```
<AnnotationProperty IRI="#hasQuestion"/>
```

```
<IRI>http://www.semanticweb.org/bkorousicseljok/ontologies/2023/5/Comfocus_v1/OWLClass_5729ae82_d487_4df0_80a0_e5e2e4f087fe</IRI>
```

```
<Literal>To what extent do you agree with the following statements?</Literal>
```

</AnnotationAssertion>

<SubClassOf>

```
<Class IRI="http://www.semanticweb.org/bkorousicseljok/ontologies/2023/5/Comfocus_v1/COMFOCUS_00000000000000002384"/>
```

```
<ObjectExactCardinality cardinality="1">
  <ObjectProperty IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000543"/>
    <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_5729ae82_d487_4df0_80a0_e5e2e4f087fe"/>
  </ObjectExactCardinality>
</SubClassOf>
<SubClassOf>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_5729ae82_d487_4df0_80a0_e5e2e4f087fe"/>
  <ObjectExactCardinality cardinality="1">
    <ObjectProperty IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000362"/>
    <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_00000000000000002384"/>
  </ObjectExactCardinality>
</SubClassOf>
<SubClassOf>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_5729ae82_d487_4df0_80a0_e5e2e4f087fe"/>
  <ObjectSomeValuesFrom>
    <ObjectProperty IRI="#OWLObjectProperty_ee3733ad_4e9b_415a_b934_ebc3835e3a1f"/>
    <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_00000000000000000818"/>
  </ObjectSomeValuesFrom>
</SubClassOf>

<SubClassOf>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_5729ae82_d487_4df0_80a0_e5e2e4f087fe"/>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_00000000000000000533"/>
</SubClassOf>

<DisjointClasses>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_39f0a204_0e99_4856_b68b_e3c5ae400427"/>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_417adcd5_e733_41bf_a8cc_e876bdeecc38"/>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_94084be3_f1bf_408c_b516_508d0d7495c8"/>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_983232eb_e09b_48ad_ba03_664343848da7"/>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_9d799c7c_005f_47c4_96e9_9066e268b390"/>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_bb3b7197_fc88_48fe_af42_ef773c88b482"/>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_bc382717_9d81_4d00_a12d_b3fffb879e31"/>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_e2a6fb26_af15_4a18_889c_4018acd074ea"/>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_e7c9947c_1977_4989_8bf6_857a171a7548"/>
</DisjointClasses>

<Declaration>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_e7c9947c_1977_4989_8bf6_857a171a7548"/>
</Declaration>
<AnnotationAssertion>
  <AnnotationProperty abbreviatedIRI="rdfs:label"/>
  <IRI>http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_e7c9947c_1977_4989_8bf6_857a171a7548</IRI>
  <Literal xml:lang="en">Food Neophobia Matrix_1</Literal>
</AnnotationAssertion>
<AnnotationAssertion>
  <AnnotationProperty abbreviatedIRI="dc:description"/>
  <IRI>http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_e7c9947c_1977_4989_8bf6_857a171a7548</IRI>
  <Literal>A am afraid to eat things I have never had before</Literal>
</AnnotationAssertion>
<SubClassOf>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_e7c9947c_1977_4989_8bf6_857a171a7548"/>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_5729ae82_d487_4df0_80a0_e5e2e4f087fe"/>
</SubClassOf>

<Declaration>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_39f0a204_0e99_4856_b68b_e3c5ae400427"/>
</Declaration>
<AnnotationAssertion>
  <AnnotationProperty abbreviatedIRI="rdfs:label"/>
  <IRI>http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_39f0a204_0e99_4856_b68b_e3c5ae400427</IRI>
  <Literal xml:lang="en">Food Neophobia Matrix_5</Literal>
</AnnotationAssertion>
<SubClassOf>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_39f0a204_0e99_4856_b68b_e3c5ae400427"/>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_5729ae82_d487_4df0_80a0_e5e2e4f087fe"/>
</SubClassOf>
```

</SubClassOf>

<Declaration>

<Class IRI="http://www.semanticweb.org/bkorousicseljok/ontologies/2023/5/Comfocus_v1/OWLClass_417adcd5_e733_41bf_a8cc_e876bdeecc38"/>

</Declaration>

<AnnotationAssertion>

<AnnotationProperty abbreviatedIRI="rdfs:label"/>

<IRI>http://www.semanticweb.org/bkorousicseljok/ontologies/2023/5/Comfocus_v1/OWLClass_417adcd5_e733_41bf_a8cc_e876bdeecc38</IRI>

<Literal xml:lang="en">Food Neophobia Matrix_8</Literal>

</AnnotationAssertion>

<SubClassOf>

<Class IRI="http://www.semanticweb.org/bkorousicseljok/ontologies/2023/5/Comfocus_v1/OWLClass_417adcd5_e733_41bf_a8cc_e876bdeecc38"/>

<Class IRI="http://www.semanticweb.org/bkorousicseljok/ontologies/2023/5/Comfocus_v1/OWLClass_5729ae82_d487_4df0_80a0_e5e2e4f087fe"/>

</SubClassOf>

<Declaration>

<Class IRI="http://www.semanticweb.org/bkorousicseljok/ontologies/2023/5/Comfocus_v1/OWLClass_94084be3_f1bf_408c_b516_508d0d7495c8"/>

</Declaration>

<AnnotationAssertion>

<AnnotationProperty abbreviatedIRI="rdfs:label"/>

<IRI>http://www.semanticweb.org/bkorousicseljok/ontologies/2023/5/Comfocus_v1/OWLClass_94084be3_f1bf_408c_b516_508d0d7495c8</IRI>

<Literal xml:lang="en">Food Neophobia Matrix_3</Literal>

</AnnotationAssertion>

<SubClassOf>

<Class IRI="http://www.semanticweb.org/bkorousicseljok/ontologies/2023/5/Comfocus_v1/OWLClass_94084be3_f1bf_408c_b516_508d0d7495c8"/>

<Class IRI="http://www.semanticweb.org/bkorousicseljok/ontologies/2023/5/Comfocus_v1/OWLClass_5729ae82_d487_4df0_80a0_e5e2e4f087fe"/>

</SubClassOf>

<Declaration>

<Class IRI="http://www.semanticweb.org/bkorousicseljok/ontologies/2023/5/Comfocus_v1/OWLClass_983232eb_e09b_48ad_ba03_664343848da7"/>

</Declaration>

<AnnotationAssertion>

<AnnotationProperty abbreviatedIRI="rdfs:label"/>

<IRI>http://www.semanticweb.org/bkorousicseljok/ontologies/2023/5/Comfocus_v1/OWLClass_983232eb_e09b_48ad_ba03_664343848da7</IRI>

<Literal xml:lang="en">Food Neophobia Matrix_9</Literal>

</AnnotationAssertion>

<SubClassOf>

<Class IRI="http://www.semanticweb.org/bkorousicseljok/ontologies/2023/5/Comfocus_v1/OWLClass_983232eb_e09b_48ad_ba03_664343848da7"/>

<Class IRI="http://www.semanticweb.org/bkorousicseljok/ontologies/2023/5/Comfocus_v1/OWLClass_5729ae82_d487_4df0_80a0_e5e2e4f087fe"/>

</SubClassOf>

<Declaration>

<Class IRI="http://www.semanticweb.org/bkorousicseljok/ontologies/2023/5/Comfocus_v1/OWLClass_9d799c7c_005f_47c4_96e9_9066e268b390"/>

</Declaration>

<AnnotationAssertion>

<AnnotationProperty abbreviatedIRI="rdfs:label"/>

<IRI>http://www.semanticweb.org/bkorousicseljok/ontologies/2023/5/Comfocus_v1/OWLClass_9d799c7c_005f_47c4_96e9_9066e268b390</IRI>

<Literal xml:lang="en">Food Neophobia Matrix_6</Literal>

</AnnotationAssertion>

<SubClassOf>

<Class IRI="http://www.semanticweb.org/bkorousicseljok/ontologies/2023/5/Comfocus_v1/OWLClass_9d799c7c_005f_47c4_96e9_9066e268b390"/>

<Class IRI="http://www.semanticweb.org/bkorousicseljok/ontologies/2023/5/Comfocus_v1/OWLClass_5729ae82_d487_4df0_80a0_e5e2e4f087fe"/>

</SubClassOf>

<Declaration>

<Class IRI="http://www.semanticweb.org/bkorousicseljok/ontologies/2023/5/Comfocus_v1/OWLClass_bb3b7197_fc88_48fe_af42_ef773c88b482"/>

</Declaration>

<AnnotationAssertion>

<AnnotationProperty abbreviatedIRI="rdfs:label"/>

<IRI>http://www.semanticweb.org/bkorousicseljok/ontologies/2023/5/Comfocus_v1/OWLClass_bb3b7197_fc88_48fe_af42_ef773c88b482</IRI>

<Literal xml:lang="en">Food Neophobia Matrix_7</Literal>

</AnnotationAssertion>

<SubClassOf>

<Class IRI="http://www.semanticweb.org/bkorousicseljok/ontologies/2023/5/Comfocus_v1/OWLClass_bb3b7197_fc88_48fe_af42_ef773c88b482"/>

<Class IRI="http://www.semanticweb.org/bkorousicseljok/ontologies/2023/5/Comfocus_v1/OWLClass_5729ae82_d487_4df0_80a0_e5e2e4f087fe"/>

</SubClassOf>

```
<Declaration>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_bc382717_9d81_4d00_a12d_b3ffb879e31"/>
</Declaration>
<AnnotationAssertion>
  <AnnotationProperty abbreviatedIRI="rdfs:label"/>
  <IRI>http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_bc382717_9d81_4d00_a12d_b3ffb879e31</IRI>
  <Literal xml:lang="en">Food Neophobia Matrix_4</Literal>
</AnnotationAssertion>
<SubClassOf>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_bc382717_9d81_4d00_a12d_b3ffb879e31"/>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_5729ae82_d487_4df0_80a0_e5e2e4f087fe"/>
</SubClassOf>

<Declaration>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_e2a6fb26_af15_4a18_889c_4018acd074ea"/>
</Declaration>
<AnnotationAssertion>
  <AnnotationProperty abbreviatedIRI="rdfs:label"/>
  <IRI>http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_e2a6fb26_af15_4a18_889c_4018acd074ea</IRI>
  <Literal xml:lang="en">Food Neophobia Matrix_2</Literal>
</AnnotationAssertion>
<SubClassOf>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_e2a6fb26_af15_4a18_889c_4018acd074ea"/>
  <Class IRI="http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_5729ae82_d487_4df0_80a0_e5e2e4f087fe"/>
</SubClassOf>
```

8 Classification

8.1 Source

- 1. Number of imported classes: 70
- 2. Number of imported instances: 2002
- 3. Existing classes used as templates: (1) Sex classification and (2) Gender classification
http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000577
http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000578

8.2 Sex classification

ClassesObject propertiesData properties

Class hierarchy: sex classification

owl:Thing

entity

continuant

generically dependent continuant

information content entity

classification

gender classification

sex classification

document

document element

document part

measure

independent continuant

specifically dependent continuant

occurrent

AnnotationsUsage

Annotations: sex classification

Annotations

rdfs:label [language: en]

sex classification

dc:creator

<http://orcid.org/0000-0001-7597-2590>

dc:date [type: xsd:dateTime]

2023-05-25T14:52:27Z

ClassesObject propertiesData properties

Class hierarchy: sex classification

owl:Thing

entity

continuant

generically dependent continuant

information content entity

classification

gender classification

sex classification

document

document element

document part

measure

independent continuant

specifically dependent continuant

occurrent

AnnotationsUsage

Usage: sex classification

Show: ☒ this ☒ disjoints ☒ named sub/superclasses

Found 21 uses of 'sex classification'

female

female Type 'sex classification'

intersex

intersex Type 'sex classification'

male

male Type 'sex classification'

prefer not to say

prefer not to say Type 'sex classification'

sex at birth

sex at birth SubClassOf is_answered_by exactly 1 'sex classification'

sex classification

'sex classification' SubClassOf classification

'sex classification' dc:creator 0000-0001-7597-2590

sex classification SubClassOf is_answer_of exactly 1 'sex at birth

sex classification SubClassOf is_specified_input_of some 'sex/gender identity

'sex classification' rdfs:label "sex classification"@en

'sex classification' dc:date "2023-05-25T14:52:27Z"^^xsd:dateTime

Class: 'sex classification'

```

<Declaration>
  <Class IRI="http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000577"/>
</Declaration>
<AnnotationAssertion>
  <AnnotationProperty abbreviatedIRI="rdfs:label"/>
  <IRI>http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000577</IRI>
  <Literal xml:lang="en">sex classification</Literal>
</AnnotationAssertion>
<AnnotationAssertion>
  <AnnotationProperty abbreviatedIRI="dc:creator"/>
  <IRI>http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000577</IRI>
  <IRI>http://orcid.org/0000-0001-7597-2590</IRI>
</AnnotationAssertion>
<AnnotationAssertion>
  <AnnotationProperty abbreviatedIRI="dc:date"/>
  <IRI>http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000577</IRI>
  <Literal datatypeIRI="http://www.w3.org/2001/XMLSchema#dateTime">2023-05-25T14:52:27Z</Literal>
</AnnotationAssertion>

<SubClassOf>
  <Class IRI="http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000577"/>
  <Class IRI="#COMFOCUS_00000000000000000002"/>
</SubClassOf>

<SubClassOf>
  <Class IRI="http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000577"/>
  <ObjectSomeValuesFrom>
    <ObjectProperty IRI="http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000445"/>
    <Class IRI="http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_000000000000000013"/>
  </ObjectSomeValuesFrom>
</SubClassOf>

<ClassAssertion>
  <Class IRI="http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000577"/>
  <NamedIndividual IRI="#OWLNamedIndividual_5c784d54_b372_4a85_abe5_ba5b6a8fb118"/>
</ClassAssertion>
<ClassAssertion>
  <Class IRI="http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000577"/>
  <NamedIndividual IRI="#OWLNamedIndividual_67ec86e1_4ffe_4b8d_b2f3_49cf34dc3f04"/>
</ClassAssertion>
<ClassAssertion>
  <Class IRI="http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000577"/>
  <NamedIndividual IRI="#OWLNamedIndividual_affc6763_9f4c_4eae_8a96_daf97e9b24ba"/>
</ClassAssertion>
<ClassAssertion>
  <Class IRI="http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_0000000000000000577"/>
  <NamedIndividual IRI="#OWLNamedIndividual_f42c42c9_082a_454a_b6f1_c609fead5de7"/>
</ClassAssertion>

```

8.3 Gender classification

| Classes | Object properties | Data properties | Annotations | Usage |
|---|-------------------|-----------------|--|-------|
| Class hierarchy: gender classification | | | Annotations: gender classification | |
| <ul style="list-style-type: none"> owl:Thing <ul style="list-style-type: none"> entity <ul style="list-style-type: none"> continuant <ul style="list-style-type: none"> generically dependent continuant <ul style="list-style-type: none"> information content entity <ul style="list-style-type: none"> classification <ul style="list-style-type: none"> gender classification sex classification document <ul style="list-style-type: none"> document element document part measure independent continuant specifically dependent continuant occurent | | | Annotations + <ul style="list-style-type: none"> rdfs:label [language: en]
gender classification definition
The genders a person can identify itself with dc:creator
http://orcid.org/0000-0001-7597-2590 dc:date [type: xsd:dateTime]
2023-05-25T14:52:27Z | |

| Classes | Object properties | Data properties | Annotations | Usage |
|---|-------------------|-----------------|---|-------|
| Class hierarchy: gender classification | | | Usage: gender classification | |
| <ul style="list-style-type: none"> owl:Thing <ul style="list-style-type: none"> entity <ul style="list-style-type: none"> continuant <ul style="list-style-type: none"> generically dependent continuant <ul style="list-style-type: none"> information content entity <ul style="list-style-type: none"> classification <ul style="list-style-type: none"> gender classification sex classification document <ul style="list-style-type: none"> document element document part measure independent continuant specifically dependent continuant occurent | | | Show: <input checked="" type="checkbox"/> this <input checked="" type="checkbox"/> disjoints <input checked="" type="checkbox"/> named sub/superclasses
Found 22 uses of 'gender classification' <ul style="list-style-type: none"> current gender <ul style="list-style-type: none"> current gender SubClassOf is_answered_by exactly 1 'gender classification' gender classification <ul style="list-style-type: none"> 'gender classification' SubClassOf classification gender classification SubClassOf is_answered_by exactly 1 'current gender' 'gender classification' rdfs:label "gender classification"@en 'gender classification' definition "The genders a person can identify itself with" 'gender classification' dc:creator 0000-0001-7597-2590 'gender classification' dc:date "2023-05-25T14:52:27Z"^^xsd:dateTime Class: 'gender classification' man <ul style="list-style-type: none"> man Type 'gender classification' non-binary <ul style="list-style-type: none"> non-binary Type 'gender classification' other <ul style="list-style-type: none"> other Type 'gender classification' prefer not to say <ul style="list-style-type: none"> prefer not to say Type 'gender classification' woman <ul style="list-style-type: none"> woman Type 'gender classification' | |

<Declaration>

<Class IRI="http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_00000000000000000578"/>

</Declaration>

<AnnotationAssertion>

<AnnotationProperty abbreviatedIRI="rdfs:label"/>

<IRI>http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_00000000000000000578</IRI>

<Literal xml:lang="en">gender classification</Literal>

</AnnotationAssertion>

<AnnotationAssertion>

<AnnotationProperty abbreviatedIRI="dc:creator"/>

<IRI>http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_00000000000000000578</IRI>

<IRI>http://orcid.org/0000-0001-7597-2590</IRI>

</AnnotationAssertion>

<AnnotationAssertion>

<AnnotationProperty abbreviatedIRI="dc:date"/>

<IRI>http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_v1/COMFOCUS_00000000000000000578</IRI>

<Literal datatypeIRI="http://www.w3.org/2001/XMLSchema#dateTime">2023-05-25T14:52:27Z</Literal>

```
</AnnotationAssertion>
<AnnotationAssertion>
  <AnnotationProperty abbreviatedIRI="obo:IAO_0000115"/>
  <IRI>http://www.semanticweb.org/bkorousicsejlik/ontologies/2023/5/Comfocus_v1/COMFOCUS_000000000000000000578</IRI>
  <Literal>The genders a person can identify itself with</Literal>
</AnnotationAssertion>

<SubClassOf>
  <Class IRI="http://www.semanticweb.org/bkorousicsejlik/ontologies/2023/5/Comfocus_v1/COMFOCUS_000000000000000000578"/>
  <Class IRI="#COMFOCUS_00000000000000000002"/>
</SubClassOf>

<Declaration>
  <NamedIndividual IRI="#OWLNamedIndividual_117b7cf1_0fa7_430c_9320_6181f119130e"/>
</Declaration>
<ClassAssertion>
  <Class IRI="http://www.semanticweb.org/bkorousicsejlik/ontologies/2023/5/Comfocus_v1/COMFOCUS_000000000000000000578"/>
  <NamedIndividual IRI="#OWLNamedIndividual_117b7cf1_0fa7_430c_9320_6181f119130e"/>
</ClassAssertion>
<AnnotationAssertion>
  <AnnotationProperty abbreviatedIRI="rdfs:label"/>
  <IRI>#OWLNamedIndividual_117b7cf1_0fa7_430c_9320_6181f119130e</IRI>
  <Literal xml:lang="en">non-binary</Literal>
</AnnotationAssertion>

<ClassAssertion>
  <Class IRI="http://www.semanticweb.org/bkorousicsejlik/ontologies/2023/5/Comfocus_v1/COMFOCUS_000000000000000000578"/>
  <NamedIndividual IRI="#OWLNamedIndividual_11b35520_02ef_45da_9794_c4a294acb99c"/>
</ClassAssertion>
<ClassAssertion>
  <Class IRI="http://www.semanticweb.org/bkorousicsejlik/ontologies/2023/5/Comfocus_v1/COMFOCUS_000000000000000000578"/>
  <NamedIndividual IRI="#OWLNamedIndividual_1b4d1ed1_42d7_474e_8e1c_1fd1cea39681"/>
</ClassAssertion>
<ClassAssertion>
  <Class IRI="http://www.semanticweb.org/bkorousicsejlik/ontologies/2023/5/Comfocus_v1/COMFOCUS_000000000000000000578"/>
  <NamedIndividual IRI="#OWLNamedIndividual_5c784d54_b372_4a85_abe5_ba5b6a8fb118"/>
</ClassAssertion>
<ClassAssertion>
  <Class IRI="http://www.semanticweb.org/bkorousicsejlik/ontologies/2023/5/Comfocus_v1/COMFOCUS_000000000000000000578"/>
  <NamedIndividual IRI="#OWLNamedIndividual_c3f26513_6bdf_43be_bffb_60838d7edd8b"/>
</ClassAssertion>
```

9 Open question answer

Sub-class of classification linked to the sub-classes of open question through object properties “is_answered_by” and “is_answer_of”.

open question answer — http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_v1/OWLClass_52872762_98e4_4630_9d7a_780a5ff458a1

Annotations

Usage

Usage: open question answer

Show: ☒ this ☒ disjoints ☒ named sub/superclasses

Found 9 uses of 'open question answer'

hr restroom

hr restroom' SubClassOf is_answered_by exactly 1 'open question answer

open question answer

open question answer' SubClassOf is_answer_of exactly 1 'hr restroom

'open question answer' rdfs:label "open question answer"@en

Class: 'open question answer'

'open question answer' SubClassOf classification

Description: open question answer

Equivalent To

+

SubClass Of

+

classification

is_answer_of exactly 1 'hr restroom'

10 Manually added classes

Classes added manually at the meetings on 8-9 May 2024 in Ljubljana.

10.1 Custom measures

10.1.1 Product/food (custom)

Product/food (custom) — http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_Contextv4#OWLClass_1735de9e_6b6c_40f9_a981_95c29ecda096

Annotations

Usage

Usage: Product/food (custom)

Show: ☒ this ☒ disjoints ☒ named sub/superclasses

Found 7 uses of 'Product/food (custom)'

● custom questionnaire component

● custom questionnaire component' SubClassOf is_about some 'Product/food (custom)

● Product/food (custom)

● 'Product/food (custom)' rdfs:label "Product/food (custom)"@en

● Class: 'Product/food (custom)'

● Product/food (custom)' SubClassOf 'custom measure

10.1.2 Psycho Social (custom)

Psycho Social (custom) — http://www.semanticweb.org/bkorousicseljak/ontologies/2023/5/Comfocus_Contextv4#OWLClass_b00e750a_5bf0_44ba_8e0e_7fd99397ba64

Annotations

Usage

Usage: Psycho Social (custom)

Show: ☒ this ☒ disjoints ☒ named sub/superclasses

Found 8 uses of 'Psycho Social (custom)'

● Cognitive and affective attitude measure (custom)

● Cognitive and affective attitude measure (custom)' SubClassOf is_about some 'Psycho Social (custom)

● Psycho Social (custom)

● 'Psycho Social (custom)' rdfs:label "Psycho Social (custom)"@en

● 'Psycho Social (custom)' dc:date "2024-05-06T21:10:11Z"^^xsd:dateTime

● Class: 'Psycho Social (custom)'

● Psycho Social (custom)' SubClassOf 'custom measure

10.2 Custom questionnaire components

10.2.1 Cognitive and affective attitude measure (custom)

Cognitive and affective attitude measure (custom)

http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_Contextv4#OWLClass_04d0e6b1_7275_4dd4_9380_2ab2c9ee8d66

Annotations

Usage

Annotations: Cognitive and affective attitude measure (custom)

Annotations

rdfs:label

[language: en]

Cognitive and affective attitude measure (custom)

definition

The definition and operationalisation of attitudes, in this document, follows the theoretical approach of the Theory of Planned Behaviour (TPB, Ajzen, 1991). TPB posits the attitude as an antecedent of behaviour and defines it as a summary evaluation of an object or behaviour, which can be positively (favourable) or negatively valued (unfavourable) (Ajzen, 1991).

dc:date

[type: xsd:dateTime]

2024-05-06T21:10:11Z

theoretical_background

[language: en]

Theory of Planned Behaviour (TPB)

Description: Cognitive and affective attitude measure (custom)

Equivalent To

SubClass Of

'custom questionnaire component'

is_about some 'Psycho Social (custom)'

Cognitive and affective attitude measure (custom)

http://www.semanticweb.org/bkorousicseljask/ontologies/2023/5/Comfocus_Contextv4#OWLClass_04d0e6b1_7275_4dd4_9380_2ab2c9ee8d66

Annotations

Usage

Usage: Cognitive and affective attitude measure (custom)

Show: ☒ this ☒ disjoints ☒ named sub/superclasses

Found 14 uses of 'Cognitive and affective attitude measure (custom)'

attitudes

attitudes SubClassOf is_measured_by some 'Cognitive and affective attitude measure (custom)'

Cognitive and affective attitude measure (custom)

Cognitive and affective attitude measure (custom) SubClassOf is_about some 'Psycho Social (custom)'

'Cognitive and affective attitude measure (custom)' dc:date "2024-05-06T21:10:11Z"^^xsd:dateTime

Class: 'Cognitive and affective attitude measure (custom)'

'Cognitive and affective attitude measure (custom)' rdfs:label "Cognitive and affective attitude measure (custom)"@en

'Cognitive and affective attitude measure (custom)' theoretical_background "Theory of Planned Behaviour (TPB)"@en

Cognitive and affective attitude measure (custom) SubClassOf 'custom questionnaire component'

'Cognitive and affective attitude measure (custom)' definition "The definition and operationalisation of attitudes, in this document, follows the theoretical approach of the Theory of Planned Behaviour (TPB, Ajzen, 1991)."^^xsd:string

judgement about engaging in behaviour

judgement about engaging in behaviour SubClassOf is_about some 'Cognitive and affective attitude measure (custom)'

Description: Cognitive and affective attitude measure (custom)

Equivalent To

SubClass Of

'custom questionnaire component'

is_about some 'Psycho Social (custom)'

10.2.2 Quality Expectations Measure (custom)

☰

● Quality Expectations Measure (custom) — http://www.semanticweb.org/bkorousicseljok/ontologies/2023/5/Comfocus_Contextv4#OWLClass_ba1faa60_ad27_41fe_bb84_c2e13a7a346e

Annotations Usage

Annotations: Quality Expectations Measure (custom)

Annotations +

rdfs:label [language: en]

Quality Expectations Measure (custom)

definition

Perceived quality can be defined simply as "fitness for consumption" (Steenkamp, 1990), and adapted to quality expectations it can be described as the expected fitness for consumption.

theoretical_background

This scale is a self-developed scale based on two underlying scales: the single-item Food Choice Questionnaire developed by Onwezen et al. (2019), and The Semantic Differential bipolar adjectival scale propose by Osgood (1952).

Description: Quality Expectations Measure (custom)

Equivalent To +

SubClass Of +

● 'custom questionnaire component'

☰

● Quality Expectations Measure (custom) — http://www.semanticweb.org/bkorousicseljok/ontologies/2023/5/Comfocus_Contextv4#OWLClass_ba1faa60_ad27_41fe_bb84_c2e13a7a346e

Annotations Usage

Usage: Quality Expectations Measure (custom)

Show: ☒ this ☒ disjoints ☒ named sub/superclasses

Found 11 uses of 'Quality Expectations Measure (custom)'

● product expectations

● product expectations' SubClassOf is_about some 'Quality Expectations Measure (custom)

● quality expectations

● quality expectations' SubClassOf is_measured_by some 'Quality Expectations Measure (custom)

● Quality Expectations Measure (custom)

● Quality Expectations Measure (custom) definition "Perceived quality can be defined simply as "fitness for consumption" (Steenkamp, 1990), and adapted to quality expectations it can be described as the expected fitness for consumption."

● Quality Expectations Measure (custom) rdfs:label "Quality Expectations Measure (custom)"@en

● Class: 'Quality Expectations Measure (custom)'

● Quality Expectations Measure (custom) theoretical_background "This scale is a self-developed scale based on two underlying scales: the single-item Food Choice Questionnaire developed by Onwezen et al. (2019), and The Semantic Differential bipolar adjectival scale propose by Osgood (1952)."

● Quality Expectations Measure (custom) SubClassOf 'custom questionnaire component'

Description: Quality Expectations Measure (custom)

Equivalent To +

SubClass Of +

● 'custom questionnaire component'

10.3 Bipolar questions

10.3.1 Judgement about engaging in behaviour

The screenshot displays the Protégé ontology editor interface. On the left, the 'Class hierarchy' panel shows a tree structure starting from 'owl:Thing' and descending through 'entity', 'continuant', 'information content entity', 'classification', 'document', 'document element', 'questionnaire element', 'question', 'bipolar', and finally 'judgement about engaging in behaviour'. The 'Annotations' panel on the right shows the 'rdfs:label' for the selected class as 'judgement about engaging in behaviour' in English, and the 'hasQuestion' property with the value 'Engaging in behaviour (OR product/food/meal) is...'. The top bar indicates the ontology is 'judgement about engaging in behaviour' with the URI 'http://www.semanticweb.org/bkorousicsej/ontologies/2023/5/Comfocus_Contextv4#OWLClass_70c095a3_bace_4a2a_bd7'.

This screenshot shows the 'Usage' tab in the Protégé editor, displaying 32 uses of the 'judgement about engaging in behaviour' class. The 'Show' options are set to 'this', 'disjoints', and 'named sub/superclasses'. The list of uses includes various subclasses and instances, such as 'affective attitude scale boring interesting', 'affective attitude scale unenjoyable enjoyable', 'affective attitude scale unpleasant pleasant', 'cognitive attitude scale bad good', 'cognitive attitude scale foolish wise', and 'cognitive attitude scale harmful beneficial'. The final entry, 'judgement about engaging in behaviour', lists several properties and relationships, including 'hasQuestion' with the value 'Engaging in behaviour (OR product/food/meal) is...', 'SubClassOf' relationships with various attitude scales, and 'rdfs:label' in English.

10.3.2 Product expectations

The screenshot displays the Protégé interface with the following components:

- Top Bar:** Shows the current ontology: `product expectations` with the URL `http://www.semanticweb.org/bkorousicsejka/ontologies/2023/5/Comfocus_Contextv4#OWLClass_b27a6d5a_4aff_4c7a_8cdc_d44ae0e86abc`.
- Left Panel (Class Hierarchy):**
 - Annotations: product expectations
 - Classes: Object properties, Data properties
 - Class hierarchy: product expectations
 - Asserted: owl:Thing, entity, continuant, generically dependent continuant, information content entity, classification, document, document element, questionnaire element, question, bipolar, judgement about engaging in behaviour, product expectations, matrix, multiple choice, open, single choice, document part, measure, independent continuant, specifically dependent continuant.
- Right Panel (Annotations):**
 - Annotations: product expectations
 - Annotations (+):
 - rdfs:label** [language: en]: product expectations
 - hasQuestion**: If you think about the product, what are your expectations related to it?

Annotation properties
Datatypes
Individuals
Classes
Object properties
Data properties
Class hierarchy: product expectations
Asserted

The diagram shows a hierarchical structure of classes. At the top is 'owl:Thing', which is a parent of 'entity'. 'entity' is a parent of 'continuant'. 'continuant' is a parent of 'generically dependent continuant'. 'generically dependent continuant' is a parent of 'information content entity'. 'information content entity' is a parent of 'classification', 'document', and 'document element'. 'document element' is a parent of 'questionnaire element'. 'questionnaire element' is a parent of 'question'. 'question' is a parent of 'bipolar', 'judgement about engaging in behaviour', 'matrix', 'multiple choice', 'open', and 'single choice'. 'bipolar' is a parent of 'product expectations'. 'product expectations' is a parent of 'document part' and 'measure'. 'document part' is a parent of 'independent continuant' and 'specifically dependent continuant'. 'specifically dependent continuant' is a parent of 'occurent'.

product expectations — http://www.semanticweb.org/bkoroussicsejak/ontologies/2023/5/Comfocus_Contextv4#OwlClass_b27a6d5a_4aff_4c7a_8cdc_d44ae0e86abc
Annotations
Usage
Usage: product expectations
Show: this disjoints named sub/superclasses
Found 52 uses of 'product expectations'

- product expectations' SubClassOf is_about some 'Quality Expectations Measure (custom)
- product expectations' SubClassOf is_answered_by some 'qe weight management scale
- product expectations' rdfs:label "product expectations"@en
- Class: 'product expectations'
- product expectations' SubClassOf bipolar
- product expectations' SubClassOf is_answered_by some 'qe unhealthy healthy scale
- product expectations' SubClassOf is_answered_by some 'qe animal friendly scale
- product expectations' SubClassOf is_answered_by some 'qe convenience scale
- product expectations' hasQuestion "If you think about the product, what are your expectations related to it?"
- product expectations' SubClassOf is_answered_by some 'qe fair trade scale
- product expectations' SubClassOf is_answered_by some 'qe natural scale
- product expectations' SubClassOf is_answered_by some 'qe environment scale
- product expectations' SubClassOf is_answered_by some 'qe good for my mood scale
- product expectations' SubClassOf is_answered_by some 'qe expensive scale
- product expectations' SubClassOf is_answered_by some 'qe taste scale
- product expectations' SubClassOf is_answered_by some 'qe familiar scale

[illegible]

10.4 Multiple choice questions

10.4.1 Feeling

Annotation properties

Datatypes

Individuals

Classes

Object properties

Data properties

Class hierarchy: feeling

owl:Thing

entity

continuant

generically dependent continuant

information content entity

classification

document

document element

questionnaire element

question

bipolar

matrix

multiple choice

feeling

open

single choice

document part

measure

independent continuant

specifically dependent continuant

occurrent

Asserted

● feeling — http://www.semanticweb.org/bkorousicsejak/ontologies/2023/5/Comfocus_Contextv4#OWLObject_653e4058_fd3f_4636_81b2_26688952fc93

Annotations

Usage

Annotations: feeling

Annotations

rdfs:label [language: en]
feeling

hasQuestion
How do you feel?

Annotation properties

Datatypes

Individuals

Classes

Object properties

Data properties

Class hierarchy: feeling

owl:Thing

entity

continuant

generically dependent continuant

information content entity

classification

document

document element

questionnaire element

question

bipolar

matrix

multiple choice

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● feeling — http://www.semanticweb.org/bkorousicsejak/ontologies/2023/5/Comfocus_Contextv4#OWLObject_653e4058_fd3f_4636_81b2_26688952fc93

Annotations

Usage

Usage: feeling

Show: ☒ this ☒ disjoint ☒ named sub/superclasses

Found 8 uses of feeling

feeling

feeling SubClassOf 'multiple choice'

feeling hasQuestion "How do you feel?"

feeling rdfs:label "feeling"@en

Class: feeling

feem feelings

feem feelings' SubClassOf is_answer_of exactly 1 feeling