

Questionnaire Formalization Papers

Please let us know about your experience regarding formalization papers.

* Required

Part 1: Conceptual Aspects

1. How difficult or easy was it for you to CONCEPTUALLY understand ... *

Mark only one oval per row.

	1: very difficult	2	3	4	5: very easy
... what a formalization paper is?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... the purpose of the super-pattern?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... the role of the context class?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... the role of the subject class?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... the super-pattern qualifiers ("generally", etc.)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... the super-pattern relations ("causes", etc.)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... the role of the object class?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... the overall interpretation of the super-pattern?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2. How difficult or easy was it ... *

Mark only one oval per row.

	1: very difficult	2	3	4	5: very easy
... to find an article with a claim to formalize?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... to understand what the claim exactly meant?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... to decide on the context class?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... to decide on the subject class?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... to decide on the super-pattern qualifier?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... to decide on the super-pattern relation?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... to decide on the object class?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... to conceptually represent the claim with the super-pattern overall?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Part 2: Technical Aspects

You had to use two tools: the Nanobench application and the Tapas interface. The screenshots below can remind you which was which. If you did not take part in the technical step of creating the formalization in the case of joint authorship, you can skip this part.

Nanobench

Nanobench | my channel | others | search | publish |

Publish a new Nanopublication

Assertion: Expressing a general claim with a super-pattern [^] (change)

SP1: This is a super-pattern instance

SP2: In the content of all things of type

SP3: ... things of type

SP4: ... have a relation of type

SP5: ... to things of type

SP6: Informally, it can be shown as

Provenance: Generated by a formalization activity

The activity used

The activity was associated with

The source quote has the value

The source quote was quoted from

Publication info: add element ...

Creator:

☐ I understand that publishing cannot be undone and that the provided information will be publicly visible and openly connected to my ORCID identifier.

Tapas

← → ↻ 🏠 peta-pico.github.io/tapas/tapas.html?api=peta-pico/fpsi-queries

fpsi-queries

- get-clasdef-nanopubs
- get-clasdef-reviews
- **get-superpattern-nanopubs**
- get-superpattern-reviews

(click here to refresh)

fpsi-queries: get-superpattern-nanopubs

(click here to refresh)

author:

submit

Showing 1 to 15 of 15 entries

submitted_by	author	add_review	update_by	
1	RAB03H	Armelia Jacobs	click here to add review	RAB03H
2	RAB04P	B. Nolan Nichols III	click here to add review	RAB04P
3	RAB0JY	Daniel Madsen	click here to add review	RAB0JY
4	RAB0IV	Frederike Ehrhart	click here to add review	RAB0JY
5	RAB0Cm	George Patrino	click here to add review	RAB0Cm
6	RAB0IS	Margherita Martorano	click here to add review	RAB0IS
7	RAB0JY	Mariya Dmitrova	click here to add review	RAB0JY
8	RAB0Ud	Mariya Dmitrova	click here to add review	RAB0Ud
9	RAB0Ud	Matthew Brauer	click here to add review	RAB0Ud
10	RAB0Ud	Michael Damschler	click here to add review	RAB0Ud

3. How difficult or easy was it for you to setup Nanobench?

Mark only one oval.

	1	2	3	4	5	
very difficult	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	very easy

4. How difficult or easy was it for you to use the given tools?

Mark only one oval per row.

	1: very difficult	2	3	4	5: very easy
Nanobench	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tapas	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

5. At the SUBMISSION stage, how difficult or easy was it for you with the given tools (Nanobench and Tapas) to ...

Mark only one oval per row.

	1: very difficult	2	3	4	5: very easy
... define new classes (if you did)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... select the right qualifier, relation and classes for the formalization?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... fill in the provenance part (in red)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... publish your formalization?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... submit your formalization to the special issue?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

6. At the REVIEWING stage, how difficult or easy was it for you with the given tools (Nanobench and Tapas) to ...

Mark only one oval per row.

	1: very difficult	2	3	4	5: very easy
... publish review comments for others (if you did)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... view received review comments?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

7. At the FINAL REVISION stage, how difficult or easy was it for you with the given tools (Nanobench and Tapas) to ...

Mark only one oval per row.

	1: very difficult	2	3	4	5: very easy
... update your classes in response to received review comments? (if you did)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... update your formalization in response to received review comments?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... respond to review comments?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Part 3: General Aspects

8. How confident are you, as an author, in the quality of your formalization? *

Mark only one oval.

	1	2	3	4	5	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	very confident

9. How important do you think was it that you created the final formalization yourself with the Nanobench tool, instead of the editor or publisher doing the final touches on your behalf (similar to copy-editing)? *

Mark only one oval.

1 2 3 4 5

not important at all ☐ ☐ ☐ ☐ ☐ very important

10. In the future, if given the opportunity, how interested would you be in publishing such formalizations along with the publication of your articles? *

Mark only one oval.

1 2 3 4 5

not interested at all ☐ ☐ ☐ ☐ ☐ very interested

11. For these two possible views of formalization papers, how important do you think it is that they are made available by the publisher for (human) website visitors? *

"Classical view"

A formalization of one of the main claims of "Obesity, metabolic abnormality, and knee osteoarthritis: a cross-sectional study in Korean women" by Lee et al. 2015

Article type: Formalization Paper

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[Nanopublication](#)

Abstract

Lee et al. claimed in previous work that obesity when accompanied by metabolic abnormality is closely associated with knee osteoarthritis. We present here a formalization of that claim, stating that all things of class "obesity together with metabolic abnormality" that are in the context of a thing of class "human" frequently have a relation of type "co-occurs with" to a thing of class "knee osteoarthritis" in the same context.

1. Introduction

Lee et al.[1] state that "Obesity showed closest association with knee osteoarthritis when accompanied by metabolic abnormality". We present here a formalization of the main scientific claim from this quote by using a semantic template called the super-pattern [2].

2. Formalization

...

References

[1] Lee S. et al. Obesity, metabolic abnormality, and knee osteoarthritis: a cross-sectional study in Korean women. Mod Rheumatol. 2015 Mar;25(2):292-7. doi: [10.3109/14397595.2014.939393](https://doi.org/10.3109/14397595.2014.939393).

[2] ...

"Nanopublication view"

```

@prefix this: <http://purl.org/np/RAidVr:2kxHtyxNNESRqjgphfC549W120xN85YALc> .
@prefix sub: <http://purl.org/np/RAidVr:2kxHtyxNNESRqjgphfC549W120xN85YALc> .
@prefix np: <http://www.nanopub.org/nschema> .
@prefix dct: <http://purl.org/dc/terms/> .
@prefix nt: <https://w3id.org/linkflows/superpattern/> .
@prefix npx: <http://purl.org/nanopub/x/> .
@prefix xsd: <http://www.w3.org/2001/XMLSchema#> .
@prefix rdf: <http://www.w3.org/2000/01/rdf-schema#> .
@prefix orcid: <https://orcid.org/> .
@prefix prov: <http://www.w3.org/ns/prov#> .

sub:head {
  this: np:hasAssertion sub:assertion ;
  np:hasProvenance sub:provenance ;
  np:hasPublicationInfo sub:pubinfo ;
  a np:Nanopublication .
}

sub:assertion {
  sub:spis a <https://w3id.org/linkflows/superpattern/terms/SuperPatternInstance> ;
  rdf:type <https://w3id.org/linkflows/superpattern/terms/hasContextClass> <http://www.wikidata.org/entity/Q5> ;
  <https://w3id.org/linkflows/superpattern/terms/hasObjectClass> <http://www.wikidata.org/entity/Q1777118> ;
  <https://w3id.org/linkflows/superpattern/terms/hasQualifier> <https://w3id.org/linkflows/superpattern/terms/frequentlyQualifier> ;
  <https://w3id.org/linkflows/superpattern/terms/hasRelation> <https://w3id.org/linkflows/superpattern/terms/cooccursWith> ;
  <https://w3id.org/linkflows/superpattern/terms/hasSubjectClass> <http://purl.org/np/RAidVr:2kxHtyxNNESRqjgphfC549W120xN85YALc> ;
}

sub:provenance {
  sub:activity a <https://w3id.org/linkflows/superpattern/terms/FormalizationActivity> ;
  prov:used sub:quote . <https://dx.doi.org/10.3109/14397595.2014.939393> ;
  prov:wasAssociatedWith orcid:0000-0002-7114-6459 .
  sub:assertion prov:wasGeneratedBy sub:activity ;
  sub:quote prov:value "Obesity showed closest association with knee osteoarthritis when accompanied by metabolic abnormality." ;
  prov:wasQuotedFrom <https://dx.doi.org/10.3109/14397595.2014.939393> .
}

sub:pubinfo {
  sub:slg npx:hasAlgorithm "RSA" ;
  npx:hasPublicKey "MIGfMA0GCSqGSIb3DQEBAQUAA4GNADCBiQKBgQCIU7R688H+gPwQ81IG377A8qGDCIv4mZd1c1KqEwRajPsojFVx84fC/Tt1c38F82ezF8...";
  npx:hasSignature "MeuT10V641refvRLT0/v0Kqgun2M6820PcncV/LyRLRzckSTlibf8HwHjgoj0z5x10k1368+feLgP9Zuc06660200PwVvUPL8T12T...";
  npx:hasSignatureTarget this ;
  this: dct:created "2021-11-04T12:58:37-274+02:00"^^xsd:dateTime ;
  dct:creator orcid:0000-0002-7114-6459 ;
  npx:introduces sub:spis ;
  a npx:ExampleNanopub ;
  nt:wasCreatedFromProvenanceTemplate <http://purl.org/np/RAidVr:2kxHtyxNNESRqjgphfC549W120xN85YALc> ;
  nt:wasCreatedFromPubInfoTemplate <http://purl.org/np/RAidVr:2kxHtyxNNESRqjgphfC549W120xN85YALc> ;
  <http://purl.org/np/RAidVr:2kxHtyxNNESRqjgphfC549W120xN85YALc> ;
  nt:wasCreatedFromTemplate <http://purl.org/np/RAidVr:2kxHtyxNNESRqjgphfC549W120xN85YALc> .
}

```

Mark only one oval per row.

	1: not important at all	2	3	4	5: very important
"classical view"	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
"nanopublication view"	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Part 4: Your Background

12. How would you rate your knowledge with respect to the following topics? *

Mark only one oval per row.

	1: none	2	3	4	5: expert
Knowledge representation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge graphs/Linked Data	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ontologies/vocabularies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Nanopublications	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Formal logic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Programming languages	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

13. You can write any further comments here (optional).
