# Rough Analysis of hz\_comparison.json

### General Information

• Num. Entries: 50

• Tokenizer used: dmis-lab/biobert-v1.1

#### **Definitions:**

- Words represent the number of entities that have been considered distinct during the process of assigning tags to part of the text, it is essentially the text split on spaces
- Tokens are the actual pieces of data going into the model, punctuation is split from words and some large words are split down into smaller parts
- Total tags is the total number of tags across all words (If two or more words are part of the same tag this counts as a tag for each word)
- Unique tags is the total number of tags that are unique (not part of same tag)
- Max tags is the most tags a single word has
- Tagged words is the number of words that have at least one tag
- Tagged words % is the percentage of words that are tagged, it's given in brackets for individual entries.
- Avg tags is the average number of tags per word that is tagged
- MC words is the number of words with tags across multiple categories
- Total links is the total number of links across all tags (If two or more tags are linked this counts as a link for each one)
- Unique links is the total number of links that are unique (not part of the same link)
- Max links is the most amount of links a single tag or word has associated with it
- Linked tags, words is the number of tags or words that have links
- Linked % tags, words is the percentage of tags or words with links
- Avg links per tag, word is the average number of links per tag or word
- The schema used is BIES as it is all encompassing and models can convert to a lower resolution if wanted (Beginning, Inner, End, Singleton)

### **Sizes**

Average words: 208.9Maximum words: 286Minimum words: 11

Average tokens: 387.0Maximum tokens: 578Minimum tokens: 29

• Entries with over 512 tokens: 4/50, 8.0%

#### **Tags**

#### Maximums

Total tags: 41 Unique tags: 23

- Max tags: 2
- Tagged words: 41
- Tagged words %: 19.62%
- Avg tags: 1.05MC words: 0

#### Averages

- Total tags: 16.18
- Unique tags: 9.46
- Max tags: 0.94
- Tagged words: 16.14
- Tagged words %: 7.31%
- Avg tags: 0.92
- MC words: 0.0

### Links

### Maximums

- Total links: 14
- Unique links: 2
- Max links per tag, word: 1, 1
- Linked tags, words: 14, 14
- Linked % tags, words: 52.94%, 6.7%
- Avg links per tag, word: 1.0, 1.0

### Averages

- Total links: 1.28
- Unique links: 0.2
- Max links per tag, word: 0.18, 0.18
- Linked tags, words: 1.28, 1.28
- Linked % tags, words: 5.59%, 0.62%
- Avg links per tag, word: 0.18, 0.18

#### Schema

- Maximums (B, I, E, S): 13, 13, 13, 22
- Averages (B, I, E, S): 3.78, 2.94, 3.78, 5.68

### Labels

• Label: Total, Maximum per entry, Average per entry

#### Categories

- Perturbing\_Action: 170, 15, 3.4
- Context: 353, 27, 7.06
- Effect: 124, 10, 2.48
- Phenotype: 162, 13, 3.24

#### Perturbing\_Action

- -: 15, 12, 0.3
- Gene Loss-Of-Function: 21, 10, 0.42
- Gene Gain-Of-Function: 15, 4, 0.3
- Rnai/Knockdown: 50, 12, 1.0
- Pharmacological Inhibition: 64, 10, 1.28

- Pharmacological Augmentation: 0, 0, 0.0
- Other: 5, 3, 0.1

#### Context

- -: 16, 13, 0.32
- Patient: 3, 3, 0.06
- Organism: 19, 5, 0.38
- Tissue/Organ: 20, 7, 0.4
- Neoplasm: 4, 4, 0.08
- Graft: 0, 0, 0.0
- Xenograft: 0, 0, 0.0
- Cells: 194, 24, 3.88
- Transformed Cells: 69, 9, 1.38
- Organoid: 0, 0, 0.0
- In Vitro: 16, 4, 0.32
- In Vivo: 12, 4, 0.24

#### Effect

- -: 8, 4, 0.16
- Positive: 70, 5, 1.4
- Negative: 36, 3, 0.72
- Regulates: 3, 2, 0.06
- Rescues: 3, 2, 0.06
- No Effect: 4, 4, 0.08

#### Phenotype

- -: 6, 4, 0.12
- Adhesion: 0, 0, 0.0
- Apoptosis: 80, 5, 1.6
- Anoikis: 0, 0, 0.0
- Autophagy: 10, 4, 0.2
- Cell Cycle Arrest: 16, 4, 0.32
- Cell Death: 21, 8, 0.42
- Cell Growth: 2, 2, 0.04
- Cell Survival: 10, 4, 0.2
- Colony Formation: 0, 0, 0.0
- Differentiation: 0, 0, 0.0
- Entosis: 0, 0, 0.0
- Epithelial-Mesenchymal Transition: 0, 0, 0.0
- Ferroptosis: 0, 0, 0.0
- Invasion: 1, 1, 0.02
- Metastasis: 1, 1, 0.02
- Migration: 1, 1, 0.02
- Mitophagy: 0, 0, 0.0
- Necroptosis: 0, 0, 0.0
- Necrosis: 1, 1, 0.02
- Oncosis: 0, 0, 0.0
- Proliferation: 6, 2, 0.12
- Pyroptosis: 0, 0, 0.0
- Quiescence: 0, 0, 0.0
- Self-Renewal: 0, 0, 0.0
- Senescence: 0, 0, 0.0
- Transformation: 0, 0, 0.0
- Tumour Growth: 6, 4, 0.12

Tumourigenesis: 1, 1, 0.02
Tumour Initiation: 0, 0, 0.0
Tumour Progression: 0, 0, 0.0
Tumour Regression: 0, 0, 0.0

## Information on each entry

Title: 562\_PMID31641960.txt.xml, Words: 236, Tokens: 456 Tag data: Total: 5, Unique: 5, Max tags: 1, Tagged words: 5 (2%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0.0%), 0 (0%))Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (0, 0, 0, 5)

Title: 568\_PMID32405891.txt.xml, Words: 262, Tokens: 469
Tag data: Total: 27, Unique: 10, Max tags: 1, Tagged words: 27 (10%), Avg tags: 1.0, MC words: 0
Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0.0%), 0 (0%))
Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (6, 11, 6, 4)

Title: 555\_PMID33230593.txt.xml, Words: 230, Tokens: 468
Tag data: Total: 13, Unique: 10, Max tags: 1, Tagged words: 13 (6%), Avg tags: 1.0, MC words: 0
Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0.0%), 0 (0%))
Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (3, 0, 3, 7)

Title: 579\_PMID30788651.txt.xml, Words: 255, Tokens: 463 Tag data: Total: 0, Unique: 0, Max tags: 0, Tagged words: 0 (0%), Avg tags: 0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0%), 0 (0%)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (0, 0, 0, 0)

Title: 589\_PMID31177396.txt.xml, Words: 201, Tokens: 336
Tag data: Total: 17, Unique: 8, Max tags: 1, Tagged words: 17 (8%), Avg tags: 1.0, MC words: 0
Link data: Total: 7, Unique: 1, Max links (tag, word): (1, 1), Linked (tags, words): (7 (41.18%), 7 (3.48%))
Avg links (tag, word): (1.0, 1.0), Schema counts (B, I, E, S): (5, 4, 5, 3)

Title: 598\_PMID25218423.txt.xml, Words: 220, Tokens: 456
Tag data: Total: 17, Unique: 14, Max tags: 1, Tagged words: 17 (8%), Avg tags: 1.0, MC words: 0
Link data: Total: 5, Unique: 1, Max links (tag, word): (1, 1), Linked (tags, words): (5 (29.41%), 5 (2.27%))
Avg links (tag, word): (1.0, 1.0), Schema counts (B, I, E, S): (2, 1, 2, 12)

Title: 597\_PMID30680481.txt.xml, Words: 255, Tokens: 524
Tag data: Total: 16, Unique: 7, Max tags: 1, Tagged words: 16 (6%), Avg tags: 1.0, MC words: 0
Link data: Total: 7, Unique: 1, Max links (tag, word): (1, 1), Linked (tags, words): (7 (43.75%), 7 (2.75%))
Avg links (tag, word): (1.0, 1.0), Schema counts (B, I, E, S): (5, 4, 5, 2)

**Title**: 552\_PMID29058102.txt.xml, Words: 201, Tokens: 393
Tag data: Total: 6, Unique: 3, Max tags: 1, Tagged words: 6 (3%), Avg tags: 1.0, MC words: 0
Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0.0%), 0 (0%))
Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (3, 0, 3, 0)

Title: 572\_PMID30430397.txt.xml, Words: 215, Tokens: 408
Tag data: Total: 24, Unique: 16, Max tags: 1, Tagged words: 24 (11%), Avg tags: 1.0, MC words: 0
Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0.0%), 0 (0%))
Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (4, 4, 4, 12)

**Title**: 565\_PMID31768842.txt.xml, Words: 225, Tokens: 424
Tag data: Total: 13, Unique: 8, Max tags: 1, Tagged words: 13 (6%), Avg tags: 1.0, MC words: 0
Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0.0%), 0 (0%))
Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (1, 4, 1, 7)

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Title: 563 PMID29978434.txt.xml, Words: 195, Tokens: 302
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Tag data: Total: 11, Unique: 7, Max tags: 1, Tagged words: 11 (6%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0.0%), 0 (0%)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (4, 0, 4, 3)

Title: 599 PMID32036474.txt.xml, Words: 266, Tokens: 538

Tag data: Total: 27, Unique: 17, Max tags: 1, Tagged words: 27 (10%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0.0%), 0 (0%)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (9, 1, 9, 8)

Title: 569 PMID28012059.txt.xml, Words: 205, Tokens: 402

Tag data: Total: 24, Unique: 10, Max tags: 1, Tagged words: 24 (12%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0, 0), Schema counts (B, I, E, S): (7, 7, 7, 3)

Title: 551 PMID31605257.txt.xml, Words: 258, Tokens: 412

Tag data: Total: 9, Unique: 4, Max tags: 1, Tagged words: 9 (3%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0, 0), (0, 0)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (2, 3, 2, 2)

**Title**: 574 PMID25953318.txt.xml, Words: 249, Tokens: 498

Tag data: Total: 15, Unique: 6, Max tags: 1, Tagged words: 15 (6%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0.0%), 0 (0%)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (3, 6, 3, 3)

Title: 571\_PMID31583496.txt.xml, Words: 213, Tokens: 399

Tag data: Total: 33, Unique: 18, Max tags: 1, Tagged words: 33 (15%), Avg tags: 1.0, MC words: 0 Link data: Total: 6, Unique: 1, Max links (tag, word): (1, 1), Linked (tags, words): (6 (18.18%), 6 (2.82%)) Avg links (tag, word): (1.0, 1.0), Schema counts (B, I, E, S): (9, 6, 9, 9)

Title: 584 PMID32026186.txt.xml, Words: 11, Tokens: 29

Tag data: Total: 0, Unique: 0, Max tags: 0, Tagged words: 0 (0%), Avg tags: 0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0, 0%), 0 (0%)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (0, 0, 0, 0)

Title: 594\_PMID28168327.txt.xml, Words: 207, Tokens: 369

Tag data: Total: 12, Unique: 6, Max tags: 1, Tagged words: 12 (6%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0.0%), 0 (0%)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (3, 3, 3, 3)

Title: 593\_PMID32583319.txt.xml, Words: 19, Tokens: 45

Tag data: Total: 0, Unique: 0, Max tags: 0, Tagged words: 0 (0%), Avg tags: 0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0, 0%), 0 (0%)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (0, 0, 0, 0)

Title: 559 PMID30911960.txt.xml, Words: 219, Tokens: 409

Tag data: Total: 14, Unique: 11, Max tags: 1, Tagged words: 14 (6%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0.0%), 0 (0%)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (1, 2, 1, 10)

Title: 581 PMID32468177.txt.xml, Words: 231, Tokens: 427

Tag data: Total: 17, Unique: 9, Max tags: 1, Tagged words: 17 (7%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0.0%), 0 (0%)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (4, 4, 4, 5)

Title: 591\_PMID32901335.txt.xml, Words: 145, Tokens: 265

Tag data: Total: 22, Unique: 12, Max tags: 1, Tagged words: 22 (15%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0.0%), 0 (0%)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (4, 6, 4, 8)

Title: 566 PMID30421279.txt.xml, Words: 39, Tokens: 68

Tag data: Total: 0, Unique: 0, Max tags: 0, Tagged words: 0 (0%), Avg tags: 0, MC words: 0

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Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0, 0), 0 (0\%))
Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (0, 0, 0, 0)
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Title: 590\_PMID26386572.txt.xml, Words: 220, Tokens: 428

Tag data: Total: 7, Unique: 6, Max tags: 1, Tagged words: 7 (3%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0.0%), 0 (0%)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (1, 0, 1, 5)

Title: 560 PMID32591959.txt.xml, Words: 196, Tokens: 351

Tag data: Total: 11, Unique: 7, Max tags: 1, Tagged words: 11 (6%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0.0%), 0 (0%)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (4, 0, 4, 3)

Title: 577\_PMID31867678.txt.xml, Words: 240, Tokens: 388

Tag data: Total: 7, Unique: 3, Max tags: 1, Tagged words: 7 (3%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0, 0), (0, 0)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (2, 2, 2, 1)

Title: 575 PMID28879567.txt.xml, Words: 196, Tokens: 452

Tag data: Total: 21, Unique: 14, Max tags: 1, Tagged words: 21 (11%), Avg tags: 1.0, MC words: 0 Link data: Total: 6, Unique: 1, Max links (tag, word): (1, 1), Linked (tags, words): (6 (28.57%), 6 (3.06%)) Avg links (tag, word): (1.0, 1.0), Schema counts (B, I, E, S): (3, 4, 3, 11)

Title: 580 PMID30084053.txt.xml, Words: 215, Tokens: 409

Tag data: Total: 17, Unique: 9, Max tags: 1, Tagged words: 17 (8%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0.0%), 0 (0%)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (4, 4, 4, 4, 5)

Title: 587 PMID28176146.txt.xml, Words: 248, Tokens: 419

Tag data: Total: 13, Unique: 9, Max tags: 1, Tagged words: 13 (5%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0.0%), 0 (0%)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (2, 2, 2, 7)

Title: 595 PMID30578463.txt.xml, Words: 262, Tokens: 543

Tag data: Total: 41, Unique: 21, Max tags: 2, Tagged words: 39 (15%), Avg tags: 1.05, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0.0%), 0 (0%)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (13, 7, 13, 8)

Title: 600 PMID26467923.txt.xml, Words: 283, Tokens: 504

Tag data: Total: 36, Unique: 20, Max tags: 1, Tagged words: 36 (13%), Avg tags: 1.0, MC words: 0 Link data: Total: 6, Unique: 1, Max links (tag, word): (1, 1), Linked (tags, words): (6 (16.67%), 6 (2.12%)) Avg links (tag, word): (1.0, 1.0), Schema counts (B, I, E, S): (10, 6, 10, 10)

Title: 554 PMID31489517.txt.xml, Words: 168, Tokens: 288

Tag data: Total: 4, Unique: 3, Max tags: 1, Tagged words: 4 (2%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0, 0), (0, 0)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (1, 0, 1, 2)

 $\mathbf{Title:}\ 553\_\mathrm{PMID}29236198.\mathrm{txt.xml},\ Words:\ 263,\ Tokens:\ 444$ 

Tag data: Total: 15, Unique: 11, Max tags: 1, Tagged words: 15 (6%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0.0%), 0 (0%)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (2, 2, 2, 9)

Title: 578 PMID31538267.txt.xml, Words: 185, Tokens: 350

Tag data: Total: 16, Unique: 13, Max tags: 1, Tagged words: 16 (9%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0.0%), 0 (0%)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (2, 1, 2, 11)

Title: 582 PMID30778709.txt.xml, Words: 256, Tokens: 501

Tag data: Total: 10, Unique: 8, Max tags: 1, Tagged words: 10 (4%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0, 0.0%), 0 (0%)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (2, 0, 2, 6)

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Title: 583_PMID32409930.txt.xml, Words: 208, Tokens: 327
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Tag data: Total: 11, Unique: 7, Max tags: 1, Tagged words: 11 (5%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0.0%), 0 (0%)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (4, 0, 4, 3)

Title: 561 PMID32737651.txt.xml, Words: 249, Tokens: 458

Tag data: Total: 27, Unique: 13, Max tags: 1, Tagged words: 27 (11%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0.0%), 0 (0%)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (9, 5, 9, 4)

Title: 567 PMID27770267.txt.xml, Words: 286, Tokens: 479

Tag data: Total: 24, Unique: 12, Max tags: 1, Tagged words: 24 (8%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0.0%), 0 (0%)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (6, 6, 6, 6)

Title: 588 PMID26801321.txt.xml, Words: 224, Tokens: 398

Tag data: Total: 11, Unique: 10, Max tags: 1, Tagged words: 11 (5%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0.0%), 0 (0%)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (1, 0, 1, 9)

Title: 564 PMID30879166.txt.xml, Words: 235, Tokens: 450

Tag data: Total: 26, Unique: 10, Max tags: 1, Tagged words: 26 (11%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0.0%), 0 (0%)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (4, 12, 4, 6)

Title: 556 PMID29435687.txt.xml, Words: 146, Tokens: 283

Tag data: Total: 9, Unique: 5, Max tags: 1, Tagged words: 9 (6%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0.0%), 0 (0%)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (4, 0, 4, 1)

Title: 585 PMID30879165.txt.xml, Words: 94, Tokens: 149

Tag data: Total: 5, Unique: 3, Max tags: 1, Tagged words: 5 (5%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0, 0), (0, 0)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (2, 0, 2, 1)

Title: 586 PMID31342239.txt.xml, Words: 209, Tokens: 397

Tag data: Total: 41, Unique: 19, Max tags: 1, Tagged words: 41 (20%), Avg tags: 1.0, MC words: 0 Link data: Total: 14, Unique: 2, Max links (tag, word): (1, 1), Linked (tags, words): (14 (34.15%), 14 (6.7%)) Avg links (tag, word): (1.0, 1.0), Schema counts (B, I, E, S): (9, 13, 9, 10)

Title: 557\_PMID32632545.txt.xml, Words: 184, Tokens: 377

Tag data: Total: 16, Unique: 11, Max tags: 1, Tagged words: 16 (9%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0, 0), (0.0%), (0.0%)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (3, 2, 3, 8)

Title: 558 PMID31691131.txt.xml, Words: 167, Tokens: 294

Tag data: Total: 4, Unique: 3, Max tags: 1, Tagged words: 4 (2%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0, 0), (0, 0)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (1, 0, 1, 2)

Title: 596 PMID26456506.txt.xml, Words: 262, Tokens: 578

Tag data: Total: 27, Unique: 23, Max tags: 1, Tagged words: 27 (10%), Avg tags: 1.0, MC words: 0 Link data: Total: 4, Unique: 1, Max links (tag, word): (1, 1), Linked (tags, words): (4 (14.81%), 4 (1.53%)) Avg links (tag, word): (1.0, 1.0), Schema counts (B, I, E, S): (1, 3, 1, 22)

Title: 573\_PMID30515612.txt.xml, Words: 225, Tokens: 381

Tag data: Total: 31, Unique: 22, Max tags: 1, Tagged words: 31 (14%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0.0%), 0 (0%)) Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (6, 3, 6, 16)

Title: 592 PMID30426280.txt.xml, Words: 148, Tokens: 243

Tag data: Total: 17, Unique: 7, Max tags: 1, Tagged words: 17 (11%), Avg tags: 1.0, MC words: 0

Link data: Total: 9, Unique: 1, Max links (tag, word): (1, 1), Linked (tags, words): (9 (52.94%), 9 (6.08%)) Avg links (tag, word): (1.0, 1.0), Schema counts (B, I, E, S): (5, 5, 5, 2)

Title: 576\_PMID30610505.txt.xml, Words: 251, Tokens: 478

Tag data: Total: 20, Unique: 9, Max tags: 1, Tagged words: 20 (8%), Avg tags: 1.0, MC words: 0 Link data: Total: 0, Unique: 0, Max links (tag, word): (0, 0), Linked (tags, words): (0 (0.0%), 0 (0%))

Avg links (tag, word): (0, 0), Schema counts (B, I, E, S): (7, 4, 7, 2)