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| --- | --- | --- | --- | --- | --- |
|  | **Nouns – Cluster 2: Doing dishes** | **Counter** | **DBpedia** | **ConceptNet** | **NELL** |
| **1** | Detergent / Soap | 24 | 0 clicks, 1 minute | 0 clicks, 1 minute | 1 click, 2 minutes |
| **2** | Water | 31 | 0 clicks, 1 minute | 0 clicks, 1 minute | 3 clicks, 3 minutes |
| **3** | Order | 2 | x | x | 3 clicks, 3 minutes |
| **4** | Sponge | 10 | 2 clicks, 3 minutes | 1 click, 2 minutes | 3 clicks, 4 minutes |
| **5** | Special coatings | 1 | x | x | x |
| **6** | Dishes | 32 | 0 clicks, 1 minute | 0 clicks, 1 minute | 0 clicks, 1 minute |
| **7** | Towel | 2 | x | 0 clicks, 1 minute | 3 clicks, 3 minutes |
| **8** | Cutting boards | 1 | 1 click, 2 minutes | x | x |
| **9** | Meat | 1 | x | x | x |
| **10** | Utensils | 1 | 0 clicks, 1 minute | x | x |
| **11** | Dishwasher | 14 | 0 clicks, 1 minute | 2 clicks, 3 minutes | 3 clicks, 3 minutes |
| **12** | Electricity | 1 | x | x | x |
| **13** | Plastic containers | 1 | x | x | x |
| **Average clicks:** | n/a | n/a | 0.4 clicks | 0.5 clicks | 2.3 clicks |
| **Average time:** | n/a | n/a | 1.43 minutes | 1.5 minutes | 2.7 minutes |

**DBpedia**

1. <http://dbpedia.org/page/Dishwasher>

2. <http://dbpedia.org/page/Dishwasher>

3. x

4. <http://dbpedia.org/page/Dishwasher>, <https://en.wikipedia.org/wiki/Dishwasher>, <https://en.wikipedia.org/wiki/Sponge_(tool)>

5. x

6. <http://dbpedia.org/page/Dishwasher>

7. x

8. <http://dbpedia.org/page/Dishwasher>, <https://en.wikipedia.org/wiki/Dishwasher>

9. x

10. <http://dbpedia.org/page/Dishwasher>

11. <http://dbpedia.org/page/Dishwasher>

12. x

13. x

**ConceptNet**

1. <http://www.conceptnet.io/c/en/soap>

2. <http://www.conceptnet.io/c/en/soap>

3. x

4. <http://www.conceptnet.io/c/en/soap>, <http://www.conceptnet.io/c/en/washing_dishes>

5. x

6. <http://www.conceptnet.io/c/en/soap>

7. <http://conceptnet.media.mit.edu/c/en/dishes>

8. x

9. x

10. x

11. <http://www.conceptnet.io/c/en/soap>, <http://www.conceptnet.io/c/en/soap?rel=/r/UsedFor&limit=1000>, <http://www.conceptnet.io/c/en/washing_dishes>

12. x

13. x

**NELL**

1. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>, <http://rtw.ml.cmu.edu/rtw/kbbrowser/bathroomitem:soap_dishes>

2. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>, <http://rtw.ml.cmu.edu/rtw/kbbrowser/automobilemodel:dishwashing>, <https://www.google.com/search?q=%22Dishwashing%22>, <https://en.wikipedia.org/wiki/Dishwashing>

3. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>, <http://rtw.ml.cmu.edu/rtw/kbbrowser/automobilemodel:dishwashing>, <https://www.google.com/search?q=%22Dishwashing%22>, <https://en.wikipedia.org/wiki/Dishwashing>

4. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>, <http://rtw.ml.cmu.edu/rtw/kbbrowser/automobilemodel:dishwashing>, <https://www.google.com/search?q=%22Dishwashing%22>, <https://en.wikipedia.org/wiki/Dishwashing>

5. x

6. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>

7. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>, <http://rtw.ml.cmu.edu/rtw/kbbrowser/automobilemodel:dishwashing>, <https://www.google.com/search?q=%22Dishwashing%22>, <https://en.wikipedia.org/wiki/Dishwashing8>

8. x

9. x

10. x

11. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>, <http://rtw.ml.cmu.edu/rtw/kbbrowser/automobilemodel:dishwashing>, <https://www.google.com/search?q=%22Dishwashing%22>, <https://en.wikipedia.org/wiki/Dishwashing>

12. x

13. x