|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Nouns - Cluster 1: Washing clothes** | **Counter** | **DBpedia** | **ConceptNet** | **NELL** |
| **1** | Pockets | 2 | x | 0 clicks, 1 minute | 3 clicks, 3 minutes |
| **2** | Clean | 4 | 0 clicks, 1 minute | 0 clicks, 1 minute | 3 clicks, 5 minutes |
| **3** | Clothes | 44 | 0 clicks, 1 minute | 0 clicks, 1 minute | 1 click, 1 minute |
| **4** | Color / Colour | 34 | 1 click, 4 minutes | 0 clicks, 1 minute | 3 clicks, 3 minutes |
| **5** | Material | 3 | 0 clicks, 1 minute | x | 3 clicks, 5 minutes |
| **6** | Washing soap / detergent | 15 | 0 clicks, 1 minute | 0 clicks, 1 minute | 3 clicks, 2 minutes |
| **7** | Washing program | 5 | 1 click, 3 minutes | x | 3 clicks, 5 minutes |
| **8** | Washing drum | 1 | 1 click, 3 minutes | x | x |
| **9** | Door | 2 | x | x | 3 clicks, 4 minutes |
| **10** | Temperature | 17 | x | 0 clicks, 1 minute | 3 clicks, 4 minutes |
| **11** | Water | 12 | 0 clicks, 1 minute | 0 clicks, 1 minute | 3 clicks, 2 minutes |
| **12** | Bleach | 1 | x | x | 3 clicks, 6 minutes |
| **13** | Washing machine | 18 | 0 clicks, 1 minute | 0 clicks, 1 minute | 0 clicks, 1 minute |
| **14** | Electricity | 2 | x | x | 3 clicks, 4 minutes |
| **Average clicks:** | n/a | n/a | 0.33 clicks | 0 clicks | 2.6 clicks |
| **Average time:** | n/a | n/a | 1.8 minutes | 1 minute | 3.5 minutes |

**DBpedia**

1. x

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

3. <http://dbpedia.org/page/Washing_machine>

4. <http://dbpedia.org/page/Washing_machine>, <https://en.wikipedia.org/wiki/Washing_machine>

5. <http://dbpedia.org/page/Laundry>

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

7. <http://dbpedia.org/page/Washing_machine>, <https://en.wikipedia.org/wiki/Washing_machine>

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

9. x

10. x

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

12. x

13. <http://dbpedia.org/page/Washing_machine>

14. x

**ConceptNet:**

1. <http://conceptnet5.media.mit.edu/c/en/wash_clothes>

2. <http://conceptnet5.media.mit.edu/c/en/wash_clothes>

3. <http://conceptnet5.media.mit.edu/c/en/wash_clothes>

4. <http://conceptnet5.media.mit.edu/c/en/wash_clothes>

5. x

6. <http://conceptnet5.media.mit.edu/c/en/wash_clothes>

7. x

8. x

9. x

10. <http://conceptnet5.media.mit.edu/c/en/wash_clothes>

11. <http://conceptnet5.media.mit.edu/c/en/wash_clothes>

12. x

13. <http://conceptnet5.media.mit.edu/c/en/wash_clothes>

14. x

**NELL:**

1. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>, <http://rtw.ml.cmu.edu/rtw/kbbrowser/householditem:washing_clothes>, <https://www.google.com/search?q=%22washing+clothes%22>, <https://www.wikihow.com/Wash-Your-Clothes>

2. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>, <http://rtw.ml.cmu.edu/rtw/kbbrowser/householditem:washing_clothes>, <https://www.google.com/search?q=%22washing+clothes%22>, <https://www.wikihow.com/Wash-Your-Clothes>

3. <http://rtw.ml.cmu.edu/rtw/kbbrowser/> , <http://rtw.ml.cmu.edu/rtw/kbbrowser/physicalaction:clothes_washing>

4. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>, <http://rtw.ml.cmu.edu/rtw/kbbrowser/householditem:washing_clothes>, <https://www.google.com/search?q=%22washing+clothes%22>, <https://www.dummies.com/home-garden/how-to-wash-clothes-in-a-washing-machine/>

5. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>, <http://rtw.ml.cmu.edu/rtw/kbbrowser/householditem:washing_clothes>, <https://www.google.com/search?q=%22washing+clothes%22>, <https://www.wikihow.com/Wash-Your-Clothes>

6. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>, <http://rtw.ml.cmu.edu/rtw/kbbrowser/householditem:washing_clothes>, <https://www.google.com/search?q=%22washing+clothes%22>, <https://www.wikihow.com/Wash-Your-Clothes>

7. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>, <http://rtw.ml.cmu.edu/rtw/kbbrowser/physicalaction:clothes_washing>, <https://www.google.com/search?q=%22clothes-washing%22>, <https://www.explainthatstuff.com/washingmachine.html>

8. x

9. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>, <http://rtw.ml.cmu.edu/rtw/kbbrowser/householditem:washing_clothes>, <https://www.google.com/search?q=%22washing+clothes%22>, <https://www.wikihow.com/Wash-Your-Clothes>

10. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>, <http://rtw.ml.cmu.edu/rtw/kbbrowser/householditem:washing_clothes>, <https://www.google.com/search?q=%22washing+clothes%22>, <https://www.wikihow.com/Wash-Your-Clothes>

11. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>, <http://rtw.ml.cmu.edu/rtw/kbbrowser/householditem:washing_clothes>, <https://www.google.com/search?q=%22washing+clothes%22>, <https://www.wikihow.com/Wash-Your-Clothes>

12. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>, <http://rtw.ml.cmu.edu/rtw/kbbrowser/householditem:washing_clothes>, <https://www.google.com/search?q=%22washing+clothes%22>, <https://www.wikihow.com/Wash-Your-Clothes>

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

14. <http://rtw.ml.cmu.edu/rtw/kbbrowser/>, <http://rtw.ml.cmu.edu/rtw/kbbrowser/visualizableobject:washing_machine>, <https://www.google.com/search?q=%22washing+machine%22>, <https://en.wikipedia.org/wiki/Washing_machine>