|  |  |
| --- | --- |
| **FULL DESIGN** | **Results - full design** |
|
| **Task** | **Waiting** | **Distance** | **Refill** | **Hours** | **Staff** | **Waiting** | **Distance** | **Refill** | **Hours** | **Staff** |
| **1** | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 2 | 1 | 0 0 0 0 0 1 2 1 2 1 | Time taken was 0.63 seconds. Number of choicesets: 18 Det C is: 1.30273168524e-21 Efficiency compared with optimal design for choice set size m = 2: 100.0%  Main effects are uncorrelated  |
| **2** | 0 | 1 | 1 | 2 | 0 | 1 | 0 | 2 | 1 | 1 | 0 1 1 2 0 1 0 2 1 1 |
| **3** | 0 | 2 | 2 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 2 2 1 0 1 1 0 0 1 |
| **4** | 1 | 0 | 1 | 1 | 0 | 2 | 2 | 2 | 0 | 1 | 1 0 1 1 0 2 2 2 0 1 |
| **5** | 1 | 1 | 2 | 0 | 0 | 2 | 0 | 0 | 2 | 1 | 1 1 2 0 0 2 0 0 2 1 |
| **6** | 1 | 2 | 0 | 2 | 0 | 2 | 1 | 1 | 1 | 1 | 1 2 0 2 0 2 1 1 1 1 |
| **7** | 2 | 0 | 2 | 2 | 0 | 0 | 2 | 0 | 1 | 1 | 2 0 2 2 0 0 2 0 1 1 |
| **8** | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 2 1 0 1 0 0 0 1 0 1 |
| **9** | 2 | 2 | 1 | 0 | 0 | 0 | 1 | 2 | 2 | 1 | 2 2 1 0 0 0 1 2 2 1  |
| **10** | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 2 | 0 | 0 0 0 0 1 1 2 1 2 0 |
| **11** | 0 | 1 | 1 | 2 | 1 | 1 | 0 | 2 | 1 | 0 | 0 1 1 2 1 1 0 2 1 0 |
| **12** | 0 | 2 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 2 2 1 1 1 1 0 0 0 |
| **13** | 1 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 0 | 0 | 1 0 1 1 1 2 2 2 0 0 |
| **14** | 1 | 1 | 2 | 0 | 1 | 2 | 0 | 0 | 2 | 0 | 1 1 2 0 1 2 0 0 2 0 |
| **15** | 1 | 2 | 0 | 2 | 1 | 2 | 1 | 1 | 1 | 0 | 1 2 0 2 1 2 1 1 1 0 |
| **16** | 2 | 0 | 2 | 2 | 1 | 0 | 2 | 0 | 1 | 0 | 2 0 2 2 1 0 2 0 1 0 |
| **17** | 2 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 2 1 0 1 1 0 0 1 0 0 |
| **18** | 2 | 2 | 1 | 0 | 1 | 0 | 1 | 2 | 2 | 0 | 2 2 1 0 1 0 1 2 2 0 |

**S1 Table: Results of evaluation of statistical efficiency**.

From: Discrete Choice Experiments [computer software]. Sydney: School of Mathematical Sciences, University of Technology, 2007. Available from: <http://crsu.science.uts.edu.au/choice> [Accessed 2015].