

Perceptions, behaviours and kitchen hygiene of people who have and have not suffered campylobacteriosis: A case control study

MILLMAN, Caroline <<http://orcid.org/0000-0003-4935-0477>>, RIGBY, D, EDWARD-JONES, G, LIGHTON, L and JONES, D

Available from Sheffield Hallam University Research Archive (SHURA) at:

<https://shura.shu.ac.uk/25287/>

This document is the Supplemental Material

Citation:

MILLMAN, Caroline, RIGBY, D, EDWARD-JONES, G, LIGHTON, L and JONES, D (2014). Perceptions, behaviours and kitchen hygiene of people who have and have not suffered campylobacteriosis: A case control study. Food Control, 41, 82-90. [Article]

Copyright and re-use policy

See <http://shura.shu.ac.uk/information.html>

| Sampling site | Analysis | n | Case or Control | Min (cfu/ml) | Max (cfu/ml) | Mean | Wilcoxon Mann-Whitney p value* |
|----------------|---------------------------|----|-----------------|--------------|--------------|--------------|--------------------------------|
| Fridge | Aerobic colony count | 25 | Case | <10 | 3.40E+05 | 1.74E+04 | 0.689 |
| | | 25 | Control | <10 | 1.30E+05 | 6.92E+03 | |
| | <i>Enterobacteriaceae</i> | 25 | Case | <10 | 6.50E+03 | 3.20E+02 | 0.559 |
| | | 25 | Control | <10 | 4.10E+03 | 1.99E+02 | |
| | <i>E. coli</i> | 25 | Case | <10 | <10 | <10 | |
| | | 25 | Control | <10 | <10 | <10 | |
| Chopping Board | Aerobic colony count | 25 | Case | <10 | 8.00E+04 | 8.20E+03 | 0.414 |
| | | 25 | Control | <10 | 2.00E+05 | 1.37E+04 | |
| | <i>Enterobacteriaceae</i> | 25 | Case | <10 | 9.80E+03 | 4.36E+02 | 0.942 |
| | | 25 | Control | <10 | 1.40E+03 | 7.32E+01 | |
| | <i>E. coli</i> | 25 | Case | <10 | 7.00E+01 | | |
| | | 25 | Control | <10 | <10 | <10 | |
| Sink | Aerobic colony count | 25 | Case | <10 | 2.10E+05 | 3.98E+04 | 0.298 |
| | | 25 | Control | <10 | 3.00E+05 | 3.21E+04 | |
| | <i>Enterobacteriaceae</i> | 25 | Case | <10 | 1.00E+05 | 9.48E+03 | 0.685 |
| | | 25 | Control | <10 | 3.40E+04 | 3.91E+03 | |
| | <i>E. coli</i> | 25 | Case | <10 | 6.00E+01 | | |
| | | 25 | Control | <10 | <10 | <10 | |
| Dishcloth | Aerobic colony count | 17 | Case | <10 | 7.00E+06 | 2.41E+06 | 0.019* |
| | | 20 | Control | <10 | 2.80E+07 | 8.11E+06 | |
| | <i>Enterobacteriaceae</i> | 17 | Case | <10 | 2.70E+06 | 3.07E+05 | 0.043* |
| | | 20 | Control | <10 | 9.50E+05 | 2.64E+05 | |
| | <i>E. coli</i> | 17 | Case | <10 | 1.50E+02 | | |
| | | 20 | Control | <10 | <10 | <10 | |
| | <i>Campylobacter</i> | 17 | Case | | | Not detected | |
| | | 20 | Control | | | Not detected | |
| | <i>Salmonella</i> | 17 | Case | | | Not detected | |
| | | 20 | Control | | | Not detected | |

Notes:

*significant at p<0.05

cfu = colony forming units

The minimum detectable differences (power of 80%) of (Aerobic colony count) and (*Enterobacteriaceae*) are:

Dishcloth (1.46E+07); (8.14E+05)

Fridge (4.90E+04); (1.09E+03)

Chopping board (4.16E+04); (1.22E+03)

Sink (8.52E+04); (1.99E+04)