

Deviation of $\mu(A')$ from $\mu(A' \text{ and } B) + \mu(A' \text{ and } B')$						
(Home Furnishing, Furniture)	p-value	(Spices, Herbs)	p-value	(Pets, Farmyard Animals)	p-value	(Fruits, Veg)
Mantelpiece	2.38E-05	Molasses	6.35E-05	Goldfish	1.51E-05	Apple
Window Seat	4.88E-04	Salt	1.63E-04	Robin	2.85E-03	Parsley
Painting	6.06E-05	Peppermint	3.01E-03	Blue-tit	4.54E-04	Olive
Light Fixture	5.64E-04	Curry	7.06E-04	Collie Dog	1.39E-05	Chili Pe
Kitchen Counter	1.55E-05	Oregano	1.33E-04	Camel	5.17E-04	Brocco
Bath Tub	9.61E-05	MSG	2.91E-05	Squirrel	5.10E-05	Root Gi
Deck Chair	2.96E-04	Chili Pepper	8.75E-05	Guide Dog for Blind	2.75E-05	Pumpki
Shelves	6.06E-05	Mustard	2.14E-03	Spider	1.06E-02	Raisi
Rug	1.09E-05	Mint	2.62E-03	Homing Pigeon	8.10E-04	Acor
Bed	3.00E-05	Cinnamon	3.65E-04	Monkey	5.59E-03	Musta
Wall-Hangings	1.12E-04	Parsley	1.33E-04	Circus Horse	5.80E-04	Rice
Space Rack	3.28E-06	Saccarin	6.42E-06	Prize Bull	3.59E-04	Toma
Ashtray	1.55E-05	Poppy Seeds	2.05E-03	Rat	1.29E-03	Cocon
Bar	2.34E-05	Pepper	7.60E-03	Badger	2.48E-02	Mushro
Lamp	2.26E-05	Turmeric	5.96E-04	Siamese Cat	2.71E-04	Whea
Wall Mirror	5.58E-06	Sugar	2.81E-04	Race Horse	1.28E-03	Green Pe
Door Bell	1.64E-05	Vinegar	5.31E-05	Fox	9.46E-02	Waterc
Hammock	2.04E-04	Sesame Seeds	1.17E-03	Donkey	6.94E-03	Peanu
Desk	1.36E-05	Lemon Juice	1.35E-07	Field Mouse	2.22E-02	Black Pe
Refrigerator	2.55E-05	Chocolate	3.03E-05	Ginger Tom-cat	2.79E-04	Garli
Park Bench	2.93E-05	Horseradish	2.80E-06	Husky in Slead team	3.22E-05	Yam
Waste Paper Basket	7.87E-09	Vanilla	2.07E-06	Cart Horse	2.98E-04	Elderbe
Sculpture	2.41E-06	Chives	1.08E-06	Chicken	2.66E-02	Almon
Sink Unit	7.90E-06	Root Ginger	7.32E-04	Doberman Guard Dog	2.64E-07	Lenti

Table 5c. Calculation of the p-values corresponding to the deviation $I_{A'}$ between $\mu(A')$ and $\mu(A' \text{ and } B) + \mu(A' \text{ and } B')$. By applying a Bonferroni correction procedure, the null hypothesis can be rejected for a p-value less than $\frac{0.05}{24} = 2.08 \cdot 10^{-3}$.