

Deviation of $\mu(B')$ 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, Vegetables)
Mantelpiece	1.09E-06	Molasses	3.14E-07	Goldfish	2.89E-07	Apple
Window Seat	8.03E-05	Salt	1.56E-05	Robin	2.23E-02	Parsley
Painting	5.38E-05	Peppermint	1.56E-05	Blue-tit	1.63E-04	Olive
Light Fixture	1.16E-03	Curry	1.83E-04	Collie Dog	2.06E-04	Chili Pepper
Kitchen Counter	3.02E-03	Oregano	1.11E-03	Camel	5.93E-03	Broccoli
Bath Tub	4.21E-06	MSG	2.60E-07	Squirrel	2.64E-03	Root Ginger
Deck Chair	4.45E-06	Chili Pepper	1.71E-07	Guide Dog for Blind	5.83E-04	Pumpkin
Shelves	5.06E-04	Mustard	4.08E-06	Spider	2.57E-02	Raisins
Rug	1.17E-05	Mint	1.13E-04	Homing Pigeon	9.81E-03	Acorn
Bed	4.44E-05	Cinnamon	5.03E-07	Monkey	9.47E-03	Mustard
Wall-Hangings	7.21E-04	Parsley	6.14E-05	Circus Horse	1.87E-03	Rice
Space Rack	1.38E-06	Saccarin	6.59E-08	Prize Bull	4.22E-04	Tomato
Ashtray	5.03E-06	Poppy Seeds	1.87E-04	Rat	1.14E-02	Coconut
Bar	1.74E-08	Pepper	3.52E-04	Badger	1.18E-02	Mushroom
Lamp	2.24E-07	Turmeric	1.32E-06	Siamese Cat	3.69E-05	Wheat
Wall Mirror	1.52E-04	Sugar	2.60E-06	Race Horse	7.53E-03	Green Pepper
Door Bell	5.64E-06	Vinegar	1.50E-05	Fox	1.97E-02	Watercress
Hammock	2.32E-04	Sesame Seeds	3.41E-05	Donkey	4.90E-03	Peanut
Desk	6.37E-05	Lemon Juice	1.16E-06	Field Mouse	1.18E-02	Black Pepper
Refrigerator	1.71E-05	Chocolate	8.26E-08	Ginger Tom-cat	1.20E-03	Garlic
Park Bench	1.04E-04	Horseradish	7.46E-08	Husky in Sled team	2.62E-03	Yam
Waste Paper Basket	2.88E-06	Vanilla	1.36E-06	Cart Horse	3.42E-04	Elderberry
Sculpture	1.28E-04	Chives	6.15E-05	Chicken	1.92E-03	Almond
Sink Unit	1.89E-04	Root Ginger	6.54E-05	Doberman Guard Dog	1.15E-05	Lentil

Table 5d. Calculation of the p-values corresponding to the deviation  $I_{B'}$  between  $\mu(B')$  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  $\frac{0.05}{24} = 2.08 \cdot 10^{-3}$ .