Deviation of $\mu(A \text{ and } B) + \mu(A \text{ and } B') + \mu(A' \text{ and } B) + \mu(A' \text{ and } B')$ from 1						
(Home Furnishing, Furniture)	p-value	(Spices, Herbs)	p-value	(Pets, Farmyard Animals)	p-value	(Fruits, Veg
Mantelpiece	4.34E-09	Molasses	4.33E-07	Goldfish	3.98E-09	Appl
Window Seat	5.12E-06	Salt	4.04E-05	Robin	1.09E-05	Parsle
Painting	1.07E-07	Peppermint	7.51E-07	Blue-tit	3.54E-07	Olive
Light Fixture	5.01E-07	Curry	3.31E-06	Collie Dog	1.55E-07	Chili Pe
Kitchen Counter	4.63E-06	Oregano	1.95E-07	Camel	1.19E-05	Brocc
Bath Tub	1.13E-07	MSG	5.67E-07	Squirrel	1.99E-05	Root Gi
Deck Chair	3.04E-07	Chili Pepper	2.19E-10	Guide Dog for Blind	2.43E-05	Pumpl
Shelves	7.84E-08	Mustard	5.67E-07	Spider	5.24E-05	Raisi
Rug	8.18E-09	Mint	9.21E-08	Homing Pigeon	5.23E-06	Acor
Bed	3.69E-08	Cinnamon	2.42E-08	Monkey	5.05E-04	Musta
Wall-Hangings	1.09E-06	Parsley	2.61E-07	Circus Horse	7.10E-07	Rice
Space Rack	3.77E-08	Saccarin	1.20E-07	Prize Bull	1.27E-08	Toma
Ashtray	9.08E-08	Poppy Seeds	1.24E-06	Rat	5.07E-05	Cocon
Bar	2.27E-09	Pepper	8.33E-07	Badger	3.01E-04	Mushro
Lamp	1.87E-08	Turmeric	5.34E-08	Siamese Cat	1.34E-07	Whea
Wall Mirror	2.20E-09	Sugar	5.03E-07	Race Horse	5.77E-08	Green Pe
Door Bell	1.62E-07	Vinegar	3.40E-05	Fox	9.66E-04	Waterc
Hammock	7.17E-07	Sesame Seeds	1.07E-07	Donkey	2.38E-06	Peanu
Desk	7.94E-07	Lemon Juice	4.30E-07	Field Mouse	8.23E-04	Black Pe
Refrigerator	5.49E-07	Chocolate	5.18E-08	Ginger Tom-cat	6.79E-07	Garli
Park Bench	1.39E-08	Horseradish	5.03E-08	Husky in Slead team	3.99E-08	Yam
Waste Paper Basket	1.38E-09	Vanilla	6.49E-08	Cart Horse	8.26E-09	Elderbe
Sculpture	7.78E-09	Chives	1.80E-08	Chicken	1.53E-06	Almo
Sink Unit	2.66E-07	Root Ginger	6.10E-08	Doberman Guard Dog	3.86E-08	Lenti

Table 5e. Calculation of the p-values corresponding to the deviation $I_{ABA'B'}$ between $\mu(A \text{ and } B) + \mu(A \text{ and } B') + \mu(A' \text{ and } B) + \mu(A' \text{ and } B')$ and 1. By applying a Bonferroni correction procedure, the null hypothesis can be rejected for a p-value less than $\frac{0.05}{24} = 2.08 \cdot 10^{-3}$.