

# First-Order Transition Matrices

“Patterns of everyday activities across social contexts”  
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**Table 1:** First-Order Transition Matrices for Each of the Eight Hamming-Based Clusters.

Transition Matrix, Cluster A								
	Travel	Eat	Leisure	Missing	Paid	Personal	TV	Unpaid
Travel →	0.80	0.03	0.02	0.00	0.10	0.02	0.01	0.03
Eat →	0.03	0.82	0.03	0.00	0.05	0.03	0.02	0.03
Leisure →	0.03	0.02	0.87	0.00	0.04	0.02	0.01	0.02
Missing →	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.00
Paid →	0.01	0.01	0.00	0.00	0.98	0.00	0.00	0.00
Personal →	0.02	0.03	0.01	0.00	0.01	0.91	0.00	0.02
TV →	0.01	0.02	0.01	0.00	0.01	0.01	0.93	0.01
Unpaid →	0.03	0.05	0.03	0.00	0.02	0.02	0.01	0.85
Transition Matrix, Cluster B								
Travel →	0.81	0.03	0.03	0.00	0.06	0.03	0.01	0.04
Eat →	0.02	0.81	0.03	0.00	0.05	0.02	0.02	0.05
Leisure →	0.01	0.01	0.91	0.00	0.01	0.01	0.01	0.03
Missing →	0.00	0.00	0.00	0.71	0.14	0.00	0.14	0.00
Paid →	0.01	0.01	0.00	0.00	0.98	0.00	0.00	0.00
Personal →	0.02	0.02	0.01	0.00	0.00	0.90	0.01	0.03
TV →	0.00	0.01	0.01	0.00	0.00	0.02	0.95	0.02
Unpaid →	0.01	0.03	0.02	0.00	0.00	0.01	0.01	0.91
Transition Matrix, Cluster C								
Travel →	0.81	0.02	0.03	0.00	0.08	0.02	0.00	0.03
Eat →	0.03	0.82	0.03	0.00	0.05	0.02	0.02	0.04
Leisure →	0.02	0.01	0.91	0.00	0.01	0.01	0.01	0.02
Missing →	0.00	0.00	0.00	0.95	0.00	0.02	0.00	0.02
Paid →	0.01	0.01	0.00	0.00	0.98	0.00	0.00	0.00
Personal →	0.02	0.03	0.01	0.00	0.01	0.89	0.01	0.03
TV →	0.01	0.01	0.01	0.00	0.00	0.02	0.94	0.01
Unpaid →	0.02	0.04	0.03	0.00	0.01	0.02	0.02	0.86
Transition Matrix, Cluster D								
Travel →	0.81	0.02	0.03	0.00	0.07	0.01	0.00	0.06
Eat →	0.02	0.86	0.02	0.00	0.02	0.01	0.01	0.06
Leisure →	0.02	0.01	0.92	0.00	0.01	0.01	0.01	0.03
Missing →	0.03	0.03	0.03	0.78	0.00	0.00	0.03	0.09
Paid →	0.01	0.01	0.00	0.00	0.97	0.00	0.00	0.01
Personal →	0.02	0.03	0.01	0.00	0.00	0.90	0.01	0.04
TV →	0.00	0.01	0.01	0.00	0.00	0.01	0.95	0.01
Unpaid →	0.02	0.03	0.02	0.00	0.00	0.01	0.01	0.91
Transition Matrix, Cluster E								
Travel →	0.86	0.02	0.02	0.00	0.05	0.01	0.00	0.03
Eat →	0.02	0.82	0.02	0.00	0.03	0.02	0.02	0.07
Leisure →	0.02	0.01	0.90	0.00	0.01	0.01	0.01	0.04
Missing →	0.11	0.07	0.00	0.82	0.00	0.00	0.00	0.00
Paid →	0.01	0.01	0.00	0.00	0.98	0.00	0.00	0.01
Personal →	0.01	0.02	0.01	0.00	0.00	0.93	0.00	0.03
TV →	0.01	0.01	0.01	0.00	0.01	0.01	0.94	0.02
Unpaid →	0.01	0.03	0.02	0.00	0.01	0.01	0.01	0.92

**Table 1 (Continued)** First-Order Transition Matrices for Each of the Eight Hamming-Based Clusters.

Transition Matrix, Cluster F								
	Travel	Eat	Leisure	Missing	Paid	Personal	TV	Unpaid
Travel →	0.83	0.02	0.08	0.00	0.01	0.01	0.01	0.04
Eat →	0.01	0.84	0.04	0.00	0.00	0.02	0.03	0.05
Leisure →	0.01	0.01	0.95	0.00	0.00	0.01	0.01	0.02
Missing →	0.00	0.00	0.01	0.97	0.00	0.01	0.00	0.01
Paid →	0.02	0.00	0.02	0.00	0.95	0.00	0.00	0.01
Personal →	0.00	0.01	0.01	0.00	0.00	0.95	0.00	0.02
TV →	0.00	0.01	0.01	0.00	0.00	0.01	0.95	0.01
Unpaid →	0.01	0.03	0.04	0.00	0.00	0.01	0.02	0.89
Transition Matrix, Cluster G								
Travel →	0.80	0.02	0.04	0.00	0.00	0.01	0.01	0.13
Eat →	0.01	0.84	0.02	0.00	0.00	0.01	0.01	0.11
Leisure →	0.01	0.01	0.89	0.00	0.00	0.01	0.01	0.06
Missing →	0.00	0.04	0.00	0.86	0.00	0.00	0.04	0.04
Paid →	0.01	0.00	0.02	0.00	0.89	0.01	0.00	0.06
Personal →	0.00	0.01	0.01	0.00	0.00	0.91	0.00	0.06
TV →	0.00	0.01	0.01	0.00	0.00	0.01	0.95	0.02
Unpaid →	0.01	0.02	0.01	0.00	0.00	0.01	0.01	0.94
Transition Matrix, Cluster H								
Travel →	0.79	0.02	0.07	0.00	0.00	0.01	0.01	0.10
Eat →	0.01	0.84	0.03	0.00	0.00	0.02	0.02	0.10
Leisure →	0.01	0.01	0.93	0.00	0.00	0.01	0.01	0.04
Missing →	0.00	0.03	0.05	0.85	0.00	0.03	0.00	0.05
Paid →	0.02	0.01	0.03	0.00	0.88	0.00	0.00	0.06
Personal →	0.00	0.01	0.01	0.00	0.00	0.94	0.00	0.03
TV →	0.00	0.01	0.01	0.00	0.00	0.01	0.95	0.03
Unpaid →	0.01	0.03	0.02	0.00	0.00	0.01	0.01	0.93