**Table 8.1: Correlation matrix for small areas in Brisbane**

| | V1 | V2 | V3 | V4 | V5 | V6 | V7 | V8 | V9 | V10 | V11 | V12 | V13 | V14 | V15 | V16 | V17 | V18 | V19 | V20 | V21 | V22 | V23 | V24 | V25 | V26 | V27 | V28 | V29 | V30 | V31 | V32 | V33 | V34 | V35 | V36 | V37 | V38 | V39 | V40 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **V1** | 1.00 | -0.58 | 0.31 | -0.01 | -0.31 | 0.55 | -0.67 | 0.04 | -0.30 | 0.70 | 0.25 | -0.11 | -0.39 | -0.17 | 0.36 | -0.60 | -0.32 | 0.32 | -0.09 | 0.62 | -0.03 | 0.46 | 0.10 | -0.18 | -0.38 | 0.30 | -0.28 | -0.09 | -0.24 | 0.73 | -0.01 | 0.13 | -0.25 | -0.21 | 0.17 | -0.10 | 0.07 | -0.26 | -0.54 | -0.48 | **V1** |
| **V2** | -0.58 | 1.00 | -0.02 | 0.37 | -0.09 | -0.19 | 0.28 | 0.04 | 0.25 | -0.25 | 0.11 | 0.03 | 0.04 | 0.12 | 0.05 | 0.71 | -0.11 | -0.06 | 0.46 | -0.11 | 0.28 | 0.03 | 0.17 | -0.22 | 0.43 | -0.31 | 0.36 | 0.20 | 0.32 | -0.32 | 0.29 | 0.27 | -0.01 | 0.37 | 0.16 | 0.32 | 0.11 | 0.30 | 0.48 | 0.24 | **V2** |
| **V3** | 0.31 | -0.02 | 1.00 | 0.66 | -0.68 | 0.66 | -0.54 | 0.65 | -0.47 | 0.49 | 0.61 | 0.01 | -0.10 | 0.16 | 0.71 | 0.25 | -0.76 | 0.26 | 0.47 | 0.74 | 0.53 | 0.68 | 0.67 | -0.67 | 0.37 | -0.22 | 0.36 | 0.43 | 0.39 | 0.40 | 0.40 | 0.62 | -0.45 | 0.28 | 0.43 | 0.17 | 0.31 | 0.00 | -0.09 | -0.16 | **V3** |
| **V4** | -0.01 | 0.37 | 0.66 | 1.00 | -0.86 | 0.63 | -0.44 | 0.75 | -0.57 | 0.40 | 0.73 | 0.10 | 0.02 | 0.27 | 0.50 | 0.49 | -0.85 | 0.07 | 0.72 | 0.57 | 0.63 | 0.66 | 0.73 | -0.75 | 0.67 | -0.26 | 0.53 | 0.50 | 0.50 | 0.20 | 0.24 | 0.56 | -0.56 | 0.19 | 0.25 | 0.04 | 0.20 | 0.14 | 0.09 | -0.06 | **V4** |
| **V5** | -0.31 | -0.09 | -0.68 | -0.86 | 1.00 | -0.86 | 0.78 | -0.65 | 0.64 | -0.74 | -0.65 | 0.03 | 0.20 | -0.11 | -0.48 | -0.16 | 0.93 | -0.26 | -0.57 | -0.73 | -0.49 | -0.80 | -0.67 | 0.74 | -0.47 | -0.02 | -0.34 | -0.39 | -0.35 | -0.47 | -0.16 | -0.56 | 0.67 | -0.03 | -0.25 | 0.06 | -0.19 | -0.13 | 0.15 | 0.23 | **V5** |
| **V6** | 0.55 | -0.19 | 0.66 | 0.63 | -0.86 | 1.00 | -0.88 | 0.62 | -0.69 | 0.84 | 0.62 | 0.05 | -0.20 | 0.15 | 0.55 | -0.06 | -0.89 | 0.42 | 0.50 | 0.83 | 0.45 | 0.84 | 0.66 | -0.73 | 0.26 | -0.03 | 0.24 | 0.37 | 0.30 | 0.66 | 0.18 | 0.54 | -0.62 | 0.04 | 0.27 | -0.06 | 0.10 | 0.11 | -0.32 | -0.31 | **V6** |
| **V7** | -0.67 | 0.28 | -0.54 | -0.44 | 0.78 | -0.88 | 1.00 | -0.35 | 0.48 | -0.95 | -0.45 | 0.11 | 0.36 | 0.06 | -0.42 | 0.31 | 0.75 | -0.49 | -0.26 | -0.75 | -0.20 | -0.75 | -0.39 | 0.52 | 0.02 | -0.24 | 0.04 | -0.12 | -0.02 | -0.72 | -0.09 | -0.41 | 0.55 | 0.12 | -0.27 | 0.10 | -0.05 | 0.00 | 0.42 | 0.43 | **V7** |
| **V8** | 0.04 | 0.04 | 0.65 | 0.75 | -0.65 | 0.62 | -0.35 | 1.00 | -0.74 | 0.27 | 0.66 | 0.23 | 0.35 | 0.40 | 0.53 | 0.46 | -0.74 | 0.06 | 0.67 | 0.53 | 0.70 | 0.63 | 0.82 | -0.74 | 0.58 | -0.46 | 0.49 | 0.51 | 0.50 | 0.11 | 0.20 | 0.51 | -0.51 | 0.22 | 0.15 | -0.04 | 0.28 | 0.13 | 0.07 | 0.03 | **V8** |
| **V9** | -0.30 | 0.25 | -0.47 | -0.57 | 0.64 | -0.69 | 0.48 | -0.74 | 1.00 | -0.44 | -0.56 | -0.18 | -0.15 | -0.26 | -0.49 | -0.05 | 0.68 | 0.06 | -0.44 | -0.56 | -0.33 | -0.56 | -0.67 | 0.62 | -0.42 | 0.20 | -0.30 | -0.34 | -0.34 | -0.29 | -0.14 | -0.40 | 0.43 | -0.12 | -0.12 | 0.12 | -0.24 | 0.03 | 0.09 | -0.04 | **V9** |
| **V10** | 0.70 | -0.25 | 0.49 | 0.40 | -0.74 | 0.84 | -0.95 | 0.27 | -0.44 | 1.00 | 0.47 | -0.24 | -0.50 | -0.19 | 0.37 | -0.29 | -0.72 | 0.53 | 0.28 | 0.78 | 0.25 | 0.76 | 0.40 | -0.54 | 0.00 | 0.33 | -0.01 | 0.10 | 0.05 | 0.76 | 0.15 | 0.47 | -0.55 | -0.05 | 0.31 | -0.04 | 0.10 | 0.00 | -0.35 | -0.36 | **V10** |
| **V11** | 0.25 | 0.11 | 0.61 | 0.73 | -0.65 | 0.62 | -0.45 | 0.66 | -0.56 | 0.47 | 1.00 | 0.02 | -0.11 | 0.15 | 0.53 | 0.31 | -0.75 | 0.19 | 0.69 | 0.68 | 0.59 | 0.67 | 0.71 | -0.75 | 0.46 | -0.18 | 0.42 | 0.41 | 0.49 | 0.40 | 0.25 | 0.53 | -0.50 | 0.18 | 0.26 | 0.02 | 0.16 | 0.07 | -0.02 | -0.08 | **V11** |
| **V12** | -0.11 | 0.03 | 0.01 | 0.10 | 0.03 | 0.05 | 0.11 | 0.23 | -0.18 | -0.24 | 0.02 | 1.00 | 0.59 | 0.91 | 0.22 | 0.18 | -0.09 | -0.09 | 0.23 | -0.07 | 0.21 | 0.07 | 0.24 | -0.17 | 0.14 | -0.71 | 0.26 | 0.24 | 0.21 | -0.19 | 0.03 | -0.02 | 0.08 | 0.07 | -0.03 | 0.03 | 0.12 | -0.09 | 0.02 | 0.08 | **V12** |
| **V13** | -0.39 | 0.04 | -0.10 | 0.02 | 0.20 | -0.20 | 0.36 | 0.35 | -0.15 | -0.50 | -0.11 | 0.59 | 1.00 | 0.66 | -0.03 | 0.33 | 0.16 | -0.33 | 0.00 | -0.32 | 0.08 | -0.18 | 0.08 | 0.09 | 0.07 | -0.59 | 0.12 | 0.02 | 0.04 | -0.48 | -0.12 | -0.22 | 0.21 | 0.02 | -0.20 | -0.01 | -0.01 | 0.07 | 0.07 | 0.12 | **V13** |
| **V14** | -0.17 | 0.12 | 0.16 | 0.27 | -0.11 | 0.15 | 0.06 | 0.40 | -0.26 | -0.19 | 0.15 | 0.91 | 0.66 | 1.00 | 0.34 | 0.37 | -0.25 | -0.04 | 0.38 | -0.01 | 0.35 | 0.17 | 0.42 | -0.33 | 0.34 | -0.79 | 0.42 | 0.35 | 0.37 | -0.18 | 0.14 | 0.16 | -0.05 | 0.21 | 0.04 | 0.11 | 0.19 | 0.08 | 0.07 | 0.09 | **V14** |
| **V15** | 0.36 | 0.05 | 0.71 | 0.50 | -0.48 | 0.55 | -0.42 | 0.53 | -0.49 | 0.37 | 0.53 | 0.22 | -0.03 | 0.34 | 1.00 | 0.23 | -0.67 | 0.20 | 0.48 | 0.68 | 0.44 | 0.63 | 0.65 | -0.64 | 0.31 | -0.40 | 0.35 | 0.42 | 0.36 | 0.27 | 0.37 | 0.55 | -0.38 | 0.30 | 0.34 | 0.15 | 0.33 | 0.05 | -0.06 | -0.06 | **V15** |
| **V16** | -0.60 | 0.71 | 0.25 | 0.49 | -0.16 | -0.06 | 0.31 | 0.46 | -0.05 | -0.29 | 0.31 | 0.18 | 0.33 | 0.37 | 0.23 | 1.00 | -0.30 | -0.07 | 0.66 | -0.02 | 0.65 | 0.15 | 0.57 | -0.49 | 0.75 | -0.60 | 0.73 | 0.51 | 0.68 | -0.42 | 0.41 | 0.50 | -0.21 | 0.57 | 0.16 | 0.32 | 0.37 | 0.40 | 0.70 | 0.50 | **V16** |
| **V17** | -0.32 | -0.11 | -0.76 | -0.85 | 0.93 | -0.89 | 0.75 | -0.74 | 0.68 | -0.72 | -0.75 | -0.09 | 0.16 | -0.25 | -0.67 | -0.30 | 1.00 | -0.33 | -0.72 | -0.81 | -0.65 | -0.87 | -0.84 | 0.89 | -0.57 | 0.19 | -0.48 | -0.51 | -0.51 | -0.47 | -0.32 | -0.72 | 0.70 | -0.23 | -0.34 | -0.05 | -0.30 | -0.18 | 0.03 | 0.11 | **V17** |
| **V18** | 0.32 | -0.06 | 0.26 | 0.07 | -0.26 | 0.42 | -0.49 | 0.06 | 0.06 | 0.53 | 0.19 | -0.09 | -0.33 | -0.04 | 0.20 | -0.07 | -0.33 | 1.00 | 0.30 | 0.50 | 0.35 | 0.53 | 0.26 | -0.40 | -0.08 | 0.05 | 0.03 | 0.12 | 0.07 | 0.43 | 0.10 | 0.28 | -0.32 | 0.03 | 0.13 | -0.01 | 0.05 | 0.19 | -0.21 | -0.29 | **V18** |
| **V19** | -0.09 | 0.46 | 0.47 | 0.72 | -0.57 | 0.50 | -0.26 | 0.67 | -0.44 | 0.28 | 0.69 | 0.23 | 0.00 | 0.38 | 0.48 | 0.66 | -0.72 | 0.30 | 1.00 | 0.52 | 0.84 | 0.66 | 0.86 | -0.89 | 0.74 | -0.51 | 0.75 | 0.67 | 0.77 | 0.07 | 0.41 | 0.71 | -0.54 | 0.45 | 0.28 | 0.15 | 0.38 | 0.19 | 0.36 | 0.18 | **V19** |
| **V20** | 0.62 | -0.11 | 0.74 | 0.57 | -0.73 | 0.83 | -0.75 | 0.53 | -0.56 | 0.78 | 0.68 | -0.07 | -0.32 | -0.01 | 0.68 | -0.02 | -0.81 | 0.50 | 0.52 | 1.00 | 0.55 | 0.92 | 0.65 | -0.74 | 0.16 | 0.01 | 0.18 | 0.28 | 0.24 | 0.64 | 0.24 | 0.54 | -0.54 | 0.09 | 0.32 | 0.01 | 0.18 | 0.02 | -0.27 | -0.31 | **V20** |
| **V21** | -0.03 | 0.28 | 0.53 | 0.63 | -0.49 | 0.45 | -0.20 | 0.70 | -0.33 | 0.25 | 0.59 | 0.21 | 0.08 | 0.35 | 0.44 | 0.65 | -0.65 | 0.35 | 0.84 | 0.55 | 1.00 | 0.68 | 0.84 | -0.83 | 0.61 | -0.48 | 0.68 | 0.57 | 0.66 | 0.03 | 0.41 | 0.66 | -0.49 | 0.42 | 0.29 | 0.18 | 0.38 | 0.24 | 0.32 | 0.15 | **V21** |
| **V22** | 0.46 | 0.03 | 0.68 | 0.66 | -0.80 | 0.84 | -0.75 | 0.63 | -0.56 | 0.76 | 0.67 | 0.07 | -0.18 | 0.17 | 0.63 | 0.15 | -0.87 | 0.53 | 0.66 | 0.92 | 0.68 | 1.00 | 0.74 | -0.83 | 0.27 | -0.12 | 0.34 | 0.37 | 0.35 | 0.55 | 0.29 | 0.60 | -0.56 | 0.14 | 0.35 | 0.06 | 0.25 | 0.11 | -0.17 | -0.23 | **V22** |
| **V23** | 0.10 | 0.17 | 0.67 | 0.73 | -0.67 | 0.66 | -0.39 | 0.82 | -0.67 | 0.40 | 0.71 | 0.24 | 0.08 | 0.42 | 0.65 | 0.57 | -0.84 | 0.26 | 0.86 | 0.65 | 0.84 | 0.74 | 1.00 | -0.96 | 0.75 | -0.52 | 0.73 | 0.65 | 0.73 | 0.13 | 0.46 | 0.79 | -0.62 | 0.51 | 0.29 | 0.15 | 0.47 | 0.21 | 0.27 | 0.24 | **V23** |
| **V24** | -0.18 | -0.22 | -0.67 | -0.75 | 0.74 | -0.73 | 0.52 | -0.74 | 0.62 | -0.54 | -0.75 | -0.17 | 0.09 | -0.33 | -0.64 | -0.49 | 0.89 | -0.40 | -0.89 | -0.74 | -0.83 | -0.83 | -0.96 | 1.00 | -0.66 | 0.40 | -0.67 | -0.62 | -0.69 | -0.29 | -0.48 | -0.82 | 0.64 | -0.48 | -0.36 | -0.16 | -0.42 | -0.21 | -0.20 | -0.13 | **V24** |
| **V25** | -0.38 | 0.43 | 0.37 | 0.67 | -0.47 | 0.26 | 0.02 | 0.58 | -0.42 | 0.00 | 0.46 | 0.14 | 0.07 | 0.34 | 0.31 | 0.75 | -0.57 | -0.08 | 0.74 | 0.16 | 0.61 | 0.27 | 0.75 | -0.66 | 1.00 | -0.44 | 0.86 | 0.69 | 0.80 | -0.23 | 0.33 | 0.61 | -0.49 | 0.51 | 0.09 | 0.10 | 0.50 | 0.29 | 0.60 | 0.51 | **V25** |
| **V26** | 0.30 | -0.31 | -0.22 | -0.26 | -0.02 | -0.03 | -0.24 | -0.46 | 0.20 | 0.33 | -0.18 | -0.71 | -0.59 | -0.79 | -0.40 | -0.60 | 0.19 | 0.05 | -0.51 | 0.01 | -0.48 | -0.12 | -0.52 | 0.40 | -0.44 | 1.00 | -0.59 | -0.49 | -0.49 | 0.36 | -0.38 | -0.35 | 0.01 | -0.51 | -0.16 | -0.30 | -0.35 | -0.11 | -0.37 | -0.36 | **V26** |
| **V27** | -0.28 | 0.36 | 0.36 | 0.53 | -0.34 | 0.24 | 0.04 | 0.49 | -0.30 | -0.01 | 0.42 | 0.26 | 0.12 | 0.42 | 0.35 | 0.73 | -0.48 | 0.03 | 0.75 | 0.18 | 0.68 | 0.34 | 0.73 | -0.67 | 0.86 | -0.59 | 1.00 | 0.74 | 0.94 | -0.27 | 0.49 | 0.67 | -0.41 | 0.62 | 0.22 | 0.26 | 0.50 | 0.20 | 0.56 | 0.47 | **V27** |
| **V28** | -0.09 | 0.20 | 0.43 | 0.50 | -0.39 | 0.37 | -0.12 | 0.51 | -0.34 | 0.10 | 0.41 | 0.24 | 0.02 | 0.35 | 0.42 | 0.51 | -0.51 | 0.12 | 0.67 | 0.28 | 0.57 | 0.37 | 0.65 | -0.62 | 0.69 | -0.49 | 0.74 | 1.00 | 0.88 | -0.06 | 0.33 | 0.55 | -0.44 | 0.38 | 0.17 | 0.06 | 0.32 | 0.03 | 0.40 | 0.29 | **V28** |
| **V29** | -0.24 | 0.32 | 0.39 | 0.50 | -0.35 | 0.30 | -0.02 | 0.50 | -0.34 | 0.05 | 0.49 | 0.21 | 0.04 | 0.37 | 0.36 | 0.68 | -0.51 | 0.07 | 0.77 | 0.24 | 0.66 | 0.35 | 0.73 | -0.69 | 0.80 | -0.49 | 0.94 | 0.88 | 1.00 | -0.11 | 0.42 | 0.65 | -0.43 | 0.51 | 0.23 | 0.20 | 0.41 | 0.15 | 0.54 | 0.41 | **V29** |
| **V30** | 0.73 | -0.32 | 0.40 | 0.20 | -0.47 | 0.66 | -0.72 | 0.11 | -0.29 | 0.76 | 0.40 | -0.19 | -0.48 | -0.18 | 0.27 | -0.42 | -0.47 | 0.43 | 0.07 | 0.64 | 0.03 | 0.55 | 0.13 | -0.29 | -0.23 | 0.36 | -0.27 | -0.06 | -0.11 | 1.00 | 0.11 | 0.25 | -0.26 | -0.13 | 0.31 | -0.02 | -0.11 | -0.03 | -0.57 | -0.55 | **V30** |
| **V31** | -0.01 | 0.29 | 0.40 | 0.24 | -0.16 | 0.18 | -0.09 | 0.20 | -0.14 | 0.15 | 0.25 | 0.03 | -0.12 | 0.14 | 0.37 | 0.41 | -0.32 | 0.10 | 0.41 | 0.24 | 0.41 | 0.29 | 0.46 | -0.48 | 0.33 | -0.38 | 0.49 | 0.33 | 0.42 | 0.11 | 1.00 | 0.78 | 0.15 | 0.87 | 0.87 | 0.86 | 0.56 | 0.26 | 0.50 | 0.49 | **V31** |
| **V32** | 0.13 | 0.27 | 0.62 | 0.56 | -0.56 | 0.54 | -0.41 | 0.51 | -0.40 | 0.47 | 0.53 | -0.02 | -0.22 | 0.16 | 0.55 | 0.50 | -0.72 | 0.28 | 0.71 | 0.54 | 0.66 | 0.60 | 0.79 | -0.82 | 0.61 | -0.35 | 0.67 | 0.55 | 0.65 | 0.25 | 0.78 | 1.00 | -0.49 | 0.76 | 0.61 | 0.45 | 0.60 | 0.27 | 0.42 | 0.33 | **V32** |
| **V33** | -0.25 | -0.01 | -0.45 | -0.56 | 0.67 | -0.62 | 0.55 | -0.51 | 0.43 | -0.55 | -0.50 | 0.08 | 0.21 | -0.05 | -0.38 | -0.21 | 0.70 | -0.32 | -0.54 | -0.54 | -0.49 | -0.56 | -0.62 | 0.64 | -0.49 | 0.01 | -0.41 | -0.44 | -0.43 | -0.26 | 0.15 | -0.49 | 1.00 | 0.02 | 0.24 | 0.48 | -0.22 | -0.08 | -0.01 | 0.12 | **V33** |
| **V34** | -0.21 | 0.37 | 0.28 | 0.19 | -0.03 | 0.04 | 0.12 | 0.22 | -0.12 | -0.05 | 0.18 | 0.07 | 0.02 | 0.21 | 0.30 | 0.57 | -0.23 | 0.03 | 0.45 | 0.09 | 0.42 | 0.14 | 0.51 | -0.48 | 0.51 | -0.51 | 0.62 | 0.38 | 0.51 | -0.13 | 0.87 | 0.76 | 0.02 | 1.00 | 0.51 | 0.66 | 0.60 | 0.36 | 0.66 | 0.73 | **V34** |
| **V35** | 0.17 | 0.16 | 0.43 | 0.25 | -0.25 | 0.27 | -0.27 | 0.15 | -0.12 | 0.31 | 0.26 | -0.03 | -0.20 | 0.04 | 0.34 | 0.16 | -0.34 | 0.13 | 0.28 | 0.32 | 0.29 | 0.35 | 0.29 | -0.36 | 0.09 | -0.16 | 0.22 | 0.17 | 0.23 | 0.31 | 0.87 | 0.61 | 0.24 | 0.51 | 1.00 | 0.84 | 0.36 | 0.09 | 0.18 | 0.08 | **V35** |
| **V36** | -0.10 | 0.32 | 0.17 | 0.04 | 0.06 | -0.06 | 0.10 | -0.04 | 0.12 | -0.04 | 0.02 | 0.03 | -0.01 | 0.11 | 0.15 | 0.32 | -0.05 | -0.01 | 0.15 | 0.01 | 0.18 | 0.06 | 0.15 | -0.16 | 0.10 | -0.30 | 0.26 | 0.06 | 0.20 | -0.02 | 0.86 | 0.45 | 0.48 | 0.66 | 0.84 | 1.00 | 0.31 | 0.22 | 0.37 | 0.34 | **V36** |
| **V37** | 0.07 | 0.11 | 0.31 | 0.20 | -0.19 | 0.10 | -0.05 | 0.28 | -0.24 | 0.10 | 0.16 | 0.12 | -0.01 | 0.19 | 0.33 | 0.37 | -0.30 | 0.05 | 0.38 | 0.18 | 0.38 | 0.25 | 0.47 | -0.42 | 0.50 | -0.35 | 0.50 | 0.32 | 0.41 | -0.11 | 0.56 | 0.60 | -0.22 | 0.60 | 0.36 | 0.31 | 1.00 | 0.13 | 0.44 | 0.44 | **V37** |
| **V38** | -0.26 | 0.30 | 0.00 | 0.14 | -0.13 | 0.11 | 0.00 | 0.13 | 0.03 | 0.00 | 0.07 | -0.09 | 0.07 | 0.08 | 0.05 | 0.40 | -0.18 | 0.19 | 0.19 | 0.02 | 0.24 | 0.11 | 0.21 | -0.21 | 0.29 | -0.11 | 0.20 | 0.03 | 0.15 | -0.03 | 0.26 | 0.27 | -0.08 | 0.36 | 0.09 | 0.22 | 0.13 | 1.00 | 0.18 | 0.23 | **V38** |
| **V39** | -0.54 | 0.48 | -0.09 | 0.09 | 0.15 | -0.32 | 0.42 | 0.07 | 0.09 | -0.35 | -0.02 | 0.02 | 0.07 | 0.07 | -0.06 | 0.70 | 0.03 | -0.21 | 0.36 | -0.27 | 0.32 | -0.17 | 0.27 | -0.20 | 0.60 | -0.37 | 0.56 | 0.40 | 0.54 | -0.57 | 0.50 | 0.42 | -0.01 | 0.66 | 0.18 | 0.37 | 0.44 | 0.18 | 1.00 | 0.73 | **V39** |
| **V40** | -0.48 | 0.24 | -0.16 | -0.06 | 0.23 | -0.31 | 0.43 | 0.03 | -0.04 | -0.36 | -0.08 | 0.08 | 0.12 | 0.09 | -0.06 | 0.50 | 0.11 | -0.29 | 0.18 | -0.31 | 0.15 | -0.23 | 0.24 | -0.13 | 0.51 | -0.36 | 0.47 | 0.29 | 0.41 | -0.55 | 0.49 | 0.33 | 0.12 | 0.73 | 0.08 | 0.34 | 0.44 | 0.23 | 0.73 | 1.00 | **V40** |
| **V41** | 0.07 | 0.14 | 0.54 | 0.49 | -0.42 | 0.39 | -0.27 | 0.45 | -0.40 | 0.31 | 0.41 | 0.06 | -0.07 | 0.16 | 0.39 | 0.27 | -0.52 | 0.13 | 0.43 | 0.42 | 0.46 | 0.41 | 0.55 | -0.58 | 0.37 | -0.29 | 0.30 | 0.20 | 0.30 | 0.25 | 0.66 | 0.69 | -0.19 | 0.58 | 0.56 | 0.39 | 0.29 | 0.11 | 0.14 | 0.14 | **V41** |
| **V42** | 0.27 | 0.00 | 0.47 | 0.45 | -0.47 | 0.45 | -0.36 | 0.37 | -0.38 | 0.40 | 0.37 | 0.13 | -0.12 | 0.14 | 0.31 | 0.03 | -0.50 | 0.17 | 0.35 | 0.50 | 0.44 | 0.48 | 0.48 | -0.51 | 0.23 | -0.12 | 0.16 | 0.08 | 0.15 | 0.27 | 0.38 | 0.47 | -0.28 | 0.27 | 0.36 | 0.16 | 0.14 | -0.12 | -0.11 | -0.12 | **V42** |
| **V43** | 0.24 | 0.08 | 0.49 | 0.36 | -0.39 | 0.36 | -0.28 | 0.30 | -0.38 | 0.33 | 0.31 | 0.07 | -0.16 | 0.15 | 0.59 | 0.25 | -0.51 | 0.14 | 0.40 | 0.44 | 0.43 | 0.43 | 0.59 | -0.58 | 0.44 | -0.27 | 0.42 | 0.29 | 0.37 | 0.08 | 0.75 | 0.74 | -0.22 | 0.68 | 0.59 | 0.47 | 0.54 | 0.18 | 0.28 | 0.34 | **V43** |
| **V44** | 0.16 | -0.04 | 0.29 | 0.14 | -0.20 | 0.20 | -0.16 | 0.14 | -0.28 | 0.22 | 0.12 | 0.03 | -0.05 | 0.10 | 0.36 | 0.12 | -0.28 | -0.02 | 0.08 | 0.25 | 0.16 | 0.24 | 0.35 | -0.31 | 0.25 | -0.14 | 0.25 | 0.02 | 0.14 | 0.06 | 0.67 | 0.52 | 0.02 | 0.63 | 0.46 | 0.54 | 0.38 | 0.22 | 0.21 | 0.44 | **V44** |
| **V45** | 0.14 | 0.13 | 0.48 | 0.36 | -0.38 | 0.26 | -0.23 | 0.19 | -0.29 | 0.26 | 0.28 | 0.04 | -0.18 | 0.10 | 0.39 | 0.22 | -0.43 | 0.14 | 0.32 | 0.37 | 0.31 | 0.38 | 0.47 | -0.49 | 0.38 | -0.23 | 0.32 | 0.22 | 0.28 | 0.09 | 0.68 | 0.62 | -0.12 | 0.61 | 0.52 | 0.47 | 0.46 | 0.05 | 0.26 | 0.35 | **V45** |
| **V46** | -0.11 | 0.18 | 0.38 | 0.33 | -0.22 | 0.17 | -0.03 | 0.31 | -0.33 | 0.09 | 0.27 | 0.00 | -0.12 | 0.11 | 0.34 | 0.37 | -0.35 | -0.04 | 0.45 | 0.19 | 0.39 | 0.20 | 0.55 | -0.52 | 0.56 | -0.39 | 0.59 | 0.44 | 0.52 | -0.06 | 0.72 | 0.72 | -0.15 | 0.79 | 0.46 | 0.41 | 0.50 | 0.02 | 0.44 | 0.57 | **V46** |
| **V47** | 0.22 | 0.15 | 0.35 | 0.14 | -0.18 | 0.25 | -0.27 | 0.04 | -0.04 | 0.30 | 0.16 | -0.01 | -0.19 | 0.04 | 0.28 | 0.06 | -0.26 | 0.18 | 0.16 | 0.31 | 0.18 | 0.33 | 0.16 | -0.26 | -0.06 | -0.10 | 0.05 | -0.01 | 0.06 | 0.41 | 0.82 | 0.50 | 0.34 | 0.50 | 0.92 | 0.83 | 0.27 | 0.16 | 0.01 | -0.01 | **V47** |
| **V48** | 0.07 | 0.18 | 0.15 | 0.02 | -0.03 | 0.06 | -0.10 | -0.08 | 0.10 | 0.12 | -0.03 | -0.03 | -0.07 | -0.01 | 0.07 | 0.05 | -0.06 | 0.04 | -0.03 | 0.09 | 0.02 | 0.13 | -0.05 | -0.02 | -0.16 | -0.02 | -0.06 | -0.17 | -0.07 | 0.23 | 0.62 | 0.23 | 0.51 | 0.29 | 0.79 | 0.84 | 0.10 | 0.12 | 0.01 | -0.05 | **V48** |
| **V49** | 0.53 | -0.30 | 0.01 | -0.15 | -0.10 | 0.20 | -0.38 | -0.33 | 0.01 | 0.41 | -0.01 | -0.03 | -0.39 | -0.10 | 0.06 | -0.55 | -0.04 | 0.24 | -0.23 | 0.18 | -0.30 | 0.14 | -0.20 | 0.08 | -0.42 | 0.38 | -0.32 | -0.26 | -0.32 | 0.58 | 0.07 | -0.02 | 0.10 | -0.17 | 0.27 | 0.01 | -0.01 | -0.24 | -0.39 | -0.28 | **V49** |
| **V50** | -0.28 | 0.41 | -0.11 | 0.00 | 0.08 | -0.22 | 0.20 | -0.07 | 0.16 | -0.18 | -0.15 | -0.01 | 0.11 | 0.04 | -0.09 | 0.30 | 0.08 | -0.06 | 0.04 | -0.17 | 0.11 | -0.06 | 0.00 | -0.01 | 0.04 | -0.13 | 0.02 | -0.07 | -0.05 | -0.26 | 0.36 | 0.11 | 0.28 | 0.30 | 0.30 | 0.38 | 0.16 | 0.32 | 0.24 | 0.17 | **V50** |
| **V51** | -0.27 | 0.22 | -0.06 | -0.18 | 0.23 | -0.29 | 0.16 | -0.20 | 0.26 | -0.17 | -0.24 | -0.09 | 0.06 | -0.08 | -0.12 | 0.13 | 0.22 | -0.11 | -0.13 | -0.26 | -0.23 | -0.23 | -0.21 | 0.20 | -0.09 | 0.00 | -0.14 | -0.12 | -0.09 | -0.11 | 0.39 | 0.08 | 0.42 | 0.36 | 0.32 | 0.43 | 0.21 | 0.14 | 0.27 | 0.30 | **V51** |
| **V52** | 0.40 | -0.01 | 0.33 | 0.15 | -0.28 | 0.46 | -0.48 | 0.21 | -0.13 | 0.54 | 0.35 | 0.05 | -0.24 | 0.04 | 0.38 | 0.02 | -0.42 | 0.68 | 0.44 | 0.66 | 0.56 | 0.70 | 0.43 | -0.56 | -0.08 | -0.08 | 0.11 | 0.17 | 0.13 | 0.40 | 0.30 | 0.39 | -0.22 | 0.17 | 0.33 | 0.14 | 0.17 | 0.16 | -0.13 | -0.20 | **V52** |
| **V53** | 0.51 | -0.11 | 0.40 | 0.17 | -0.38 | 0.58 | -0.60 | 0.20 | -0.21 | 0.64 | 0.37 | -0.04 | -0.32 | -0.02 | 0.42 | -0.12 | -0.48 | 0.71 | 0.36 | 0.76 | 0.43 | 0.74 | 0.40 | -0.55 | -0.12 | 0.04 | -0.01 | 0.16 | 0.06 | 0.57 | 0.23 | 0.35 | -0.26 | 0.07 | 0.30 | 0.08 | 0.06 | 0.15 | -0.32 | -0.36 | **V53** |
| **V54** | 0.17 | -0.22 | -0.22 | -0.33 | 0.12 | -0.12 | -0.13 | -0.43 | 0.20 | 0.11 | -0.38 | -0.27 | -0.31 | -0.35 | -0.18 | -0.46 | 0.23 | -0.03 | -0.45 | -0.22 | -0.49 | -0.28 | -0.43 | 0.39 | -0.33 | 0.40 | -0.47 | -0.30 | -0.44 | 0.05 | -0.16 | -0.24 | 0.16 | -0.26 | -0.02 | -0.14 | -0.09 | -0.14 | -0.21 | -0.08 | **V54** |
| **V55** | 0.02 | -0.17 | -0.06 | -0.01 | -0.10 | 0.12 | -0.14 | -0.12 | -0.02 | 0.14 | -0.10 | 0.12 | -0.06 | 0.04 | -0.18 | -0.23 | -0.03 | -0.05 | -0.19 | -0.12 | -0.23 | -0.11 | -0.18 | 0.16 | -0.03 | 0.18 | -0.13 | -0.09 | -0.05 | 0.25 | -0.17 | -0.13 | -0.02 | -0.20 | -0.09 | -0.15 | -0.18 | 0.05 | -0.28 | -0.11 | **V55** |
| | **V1** | **V2** | **V3** | **V4** | **V5** | **V6** | **V7** | **V8** | **V9** | **V10** | **V11** | **V12** | **V13** | **V14** | **V15** | **V16** | **V17** | **V18** | **V19** | **V20** | **V21** | **V22** | **V23** | **V24** | **V25** | **V26** | **V27** | **V28** | **V29** | **V30** | **V31** | **V32** | **V33** | **V34** | **V35** | **V36** | **V37** | **V38** | **V39** | **V40** | |

**Figures highlighted thus** indicate correlations of meaningful significance between the appropriate variables in the matrix; **those highlighted thus** indicate correlations of substantial significance

**Note: See over for variable names**

**Table 8.1: Correlation matrix for small areas in Brisbane ...*cont***

| | V41 | V42 | V43 | V44 | V45 | V46 | V47 | V48 | V49 | V50 | V51 | V52 | V53 | V54 | V55 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **V1** | 0.07 | 0.27 | 0.24 | 0.16 | 0.14 | -0.11 | 0.22 | 0.07 | 0.53 | -0.28 | -0.27 | 0.40 | 0.51 | 0.17 | 0.02 | **V1** | **Age distribution** | **V1** | **Children aged 0 to 4** |
| **V2** | 0.14 | 0.00 | 0.08 | -0.04 | 0.13 | 0.18 | 0.15 | 0.18 | -0.30 | 0.41 | 0.22 | -0.01 | -0.11 | -0.22 | -0.17 | **V2** | | **V2** | **People aged 65 and over** |
| **V3** | 0.54 | 0.47 | 0.49 | 0.29 | 0.48 | 0.38 | 0.35 | 0.15 | 0.01 | -0.11 | -0.06 | 0.33 | 0.40 | -0.22 | -0.06 | **V3** | **Families** | **V3** | **Single parent families** |
| **V4** | 0.49 | 0.45 | 0.36 | 0.14 | 0.36 | 0.33 | 0.14 | 0.02 | -0.15 | 0.00 | -0.18 | 0.15 | 0.17 | -0.33 | -0.01 | **V4** | | **V4** | **Low income families** |
| **V5** | -0.42 | -0.47 | -0.39 | -0.20 | -0.38 | -0.22 | -0.18 | -0.03 | -0.10 | 0.08 | 0.23 | -0.28 | -0.38 | 0.12 | -0.10 | **V5** | | **V5** | **High income families** |
| **V6** | 0.39 | 0.45 | 0.36 | 0.20 | 0.26 | 0.17 | 0.25 | 0.06 | 0.20 | -0.22 | -0.29 | 0.46 | 0.58 | -0.12 | 0.12 | **V6** | **Labour force** | **V6** | **Unskilled and semi-skilled workers** |
| **V7** | -0.27 | -0.36 | -0.28 | -0.16 | -0.23 | -0.03 | -0.27 | -0.10 | -0.38 | 0.20 | 0.16 | -0.48 | -0.60 | -0.13 | -0.14 | **V7** | | **V7** | **Managers and administrators and professionals** |
| **V8** | 0.45 | 0.37 | 0.30 | 0.14 | 0.19 | 0.31 | 0.04 | -0.08 | -0.33 | -0.07 | -0.20 | 0.21 | 0.20 | -0.43 | -0.12 | **V8** | | **V8** | **Unemployed people** |
| **V9** | -0.40 | -0.38 | -0.38 | -0.28 | -0.29 | -0.33 | -0.04 | 0.10 | 0.01 | 0.16 | 0.26 | -0.13 | -0.21 | 0.20 | -0.02 | **V9** | | **V9** | **Female labour force participation** |
| **V10** | 0.31 | 0.40 | 0.33 | 0.22 | 0.26 | 0.09 | 0.30 | 0.12 | 0.41 | -0.18 | -0.17 | 0.54 | 0.64 | 0.11 | 0.14 | **V10** | **Educational participation** | **V10** | **Left school aged 15 or lees, or did not go to school** |
| **V11** | 0.41 | 0.37 | 0.31 | 0.12 | 0.28 | 0.27 | 0.16 | -0.03 | -0.01 | -0.15 | -0.24 | 0.35 | 0.37 | -0.38 | -0.10 | **V11** | **Aboriginal people and Torres Strait Islander people** | **V11** | **Aboriginal and Torres Strait Islander people** |
| **V12** | 0.06 | 0.13 | 0.07 | 0.03 | 0.04 | 0.00 | -0.01 | -0.03 | -0.03 | -0.01 | -0.09 | 0.05 | -0.04 | -0.27 | 0.12 | **V12** | **People born in predominantly non-English speaking countries** | **V12** | **resident for five years or more** |
| **V13** | -0.07 | -0.12 | -0.16 | -0.05 | -0.18 | -0.12 | -0.19 | -0.07 | -0.39 | 0.11 | 0.06 | -0.24 | -0.32 | -0.31 | -0.06 | **V13** | | **V13** | **resident for less than five years** |
| **V14** | 0.16 | 0.14 | 0.15 | 0.10 | 0.10 | 0.11 | 0.04 | -0.01 | -0.10 | 0.04 | -0.08 | 0.04 | -0.02 | -0.35 | 0.04 | **V14** | | **V14** | **Proficiency in English** |
| **V15** | 0.39 | 0.31 | 0.59 | 0.36 | 0.39 | 0.34 | 0.28 | 0.07 | 0.06 | -0.09 | -0.12 | 0.38 | 0.42 | -0.18 | -0.18 | **V15** | **Housing** | **V15** | **Dwellings rented from the State housing authority** |
| **V16** | 0.27 | 0.03 | 0.25 | 0.12 | 0.22 | 0.37 | 0.06 | 0.05 | -0.55 | 0.30 | 0.13 | 0.02 | -0.12 | -0.46 | -0.23 | **V16** | | **V16** | **Dwellings with no motor vehicle** |
| **V17** | -0.52 | -0.50 | -0.51 | -0.28 | -0.43 | -0.35 | -0.26 | -0.06 | -0.04 | 0.08 | 0.22 | -0.42 | -0.48 | 0.23 | -0.03 | **V17** | **ABS SEIFA** | **V17** | **Index of Relative Socio-Economic Disadvantage** |
| **V18** | 0.13 | 0.17 | 0.14 | -0.02 | 0.14 | -0.04 | 0.18 | 0.04 | 0.24 | -0.06 | -0.11 | 0.68 | 0.71 | -0.03 | -0.05 | **V18** | **Income support payments** | **V18** | **Age pensioners** |
| **V19** | 0.43 | 0.35 | 0.40 | 0.08 | 0.32 | 0.45 | 0.16 | -0.03 | -0.23 | 0.04 | -0.13 | 0.44 | 0.36 | -0.45 | -0.19 | **V19** | | **V19** | **Disability support pensioners** |
| **V20** | 0.42 | 0.50 | 0.44 | 0.25 | 0.37 | 0.19 | 0.31 | 0.09 | 0.18 | -0.17 | -0.26 | 0.66 | 0.76 | -0.22 | -0.12 | **V20** | | **V20** | **Female sole parent pensioners** |
| **V21** | 0.46 | 0.44 | 0.43 | 0.16 | 0.31 | 0.39 | 0.18 | 0.02 | -0.30 | 0.11 | -0.23 | 0.56 | 0.43 | -0.49 | -0.23 | **V21** | | **V21** | **People receiving an unemployment benefit** |
| **V22** | 0.41 | 0.48 | 0.43 | 0.24 | 0.38 | 0.20 | 0.33 | 0.13 | 0.14 | -0.06 | -0.23 | 0.70 | 0.74 | -0.28 | -0.11 | **V22** | | **V22** | **Dependent children of selected pensioners and beneficiaries** |
| **V23** | 0.55 | 0.48 | 0.59 | 0.35 | 0.47 | 0.55 | 0.16 | -0.05 | -0.20 | 0.00 | -0.21 | 0.43 | 0.40 | -0.43 | -0.18 | **V23** | **Health status** | **V23** | **People reporting their health as fair or poor** |
| **V24** | -0.58 | -0.51 | -0.58 | -0.31 | -0.49 | -0.52 | -0.26 | -0.02 | 0.08 | -0.01 | 0.20 | -0.56 | -0.55 | 0.39 | 0.16 | **V24** | | **V24** | **Physical Component Score** |
| **V25** | 0.37 | 0.23 | 0.44 | 0.25 | 0.38 | 0.56 | -0.06 | -0.16 | -0.42 | 0.04 | -0.09 | -0.08 | -0.12 | -0.33 | -0.03 | **V25** | | **V25** | **Estimated number of people with a handicap** |
| **V26** | -0.29 | -0.12 | -0.27 | -0.14 | -0.23 | -0.39 | -0.10 | -0.02 | 0.38 | -0.13 | 0.00 | -0.08 | 0.04 | 0.40 | 0.18 | **V26** | | **V26** | **Estimated number of people with a disability** |
| **V27** | 0.30 | 0.16 | 0.42 | 0.25 | 0.32 | 0.59 | 0.05 | -0.06 | -0.32 | 0.02 | -0.14 | 0.11 | -0.01 | -0.47 | -0.13 | **V27** | **Health status: deaths of people aged 15 to 64 years** | **V27** | **Males** |
| **V28** | 0.20 | 0.08 | 0.29 | 0.02 | 0.22 | 0.44 | -0.01 | -0.17 | -0.26 | -0.07 | -0.12 | 0.17 | 0.16 | -0.30 | -0.09 | **V28** | | **V28** | **Females** |
| **V29** | 0.30 | 0.15 | 0.37 | 0.14 | 0.28 | 0.52 | 0.06 | -0.07 | -0.32 | -0.05 | -0.09 | 0.13 | 0.06 | -0.44 | -0.05 | **V29** | **Years of potential life lost** | **V29** | **Years of potential life lost** |
| **V30** | 0.25 | 0.27 | 0.08 | 0.06 | 0.09 | -0.06 | 0.41 | 0.23 | 0.58 | -0.26 | -0.11 | 0.40 | 0.57 | 0.05 | 0.25 | **V30** | **Total Fertility Rate** | **V30** | **Total Fertility Rate** |
| **V31** | 0.66 | 0.38 | 0.75 | 0.67 | 0.68 | 0.72 | 0.82 | 0.62 | 0.07 | 0.36 | 0.39 | 0.30 | 0.23 | -0.16 | -0.17 | **V31** | **Hospital admissions** | **V31** | **Public acute hospitals and private hospitals** |
| **V32** | 0.69 | 0.47 | 0.74 | 0.52 | 0.62 | 0.72 | 0.50 | 0.23 | -0.02 | 0.11 | 0.08 | 0.39 | 0.35 | -0.24 | -0.13 | **V32** | | **V32** | **Public acute hospitals** |
| **V33** | -0.19 | -0.28 | -0.22 | 0.02 | -0.12 | -0.15 | 0.34 | 0.51 | 0.10 | 0.28 | 0.42 | -0.22 | -0.26 | 0.16 | -0.02 | **V33** | | **V33** | **Private hospitals** |
| **V34** | 0.58 | 0.27 | 0.68 | 0.63 | 0.61 | 0.79 | 0.50 | 0.29 | -0.17 | 0.30 | 0.36 | 0.17 | 0.07 | -0.26 | -0.20 | **V34** | | **V34** | **Males** |
| **V35** | 0.56 | 0.36 | 0.59 | 0.46 | 0.52 | 0.46 | 0.92 | 0.79 | 0.27 | 0.30 | 0.32 | 0.33 | 0.30 | -0.02 | -0.09 | **V35** | | **V35** | **Females** |
| **V36** | 0.39 | 0.16 | 0.47 | 0.54 | 0.47 | 0.41 | 0.83 | 0.84 | 0.01 | 0.38 | 0.43 | 0.14 | 0.08 | -0.14 | -0.15 | **V36** | | **V36** | **Same day** |
| **V37** | 0.29 | 0.14 | 0.54 | 0.38 | 0.46 | 0.50 | 0.27 | 0.10 | -0.01 | 0.16 | 0.21 | 0.17 | 0.06 | -0.09 | -0.18 | **V37** | | **V37** | **Infectious diseases** |
| **V38** | 0.11 | -0.12 | 0.18 | 0.22 | 0.05 | 0.02 | 0.16 | 0.12 | -0.24 | 0.32 | 0.14 | 0.16 | 0.15 | -0.14 | 0.05 | **V38** | | **V38** | **Cancer** |
| **V39** | 0.14 | -0.11 | 0.28 | 0.21 | 0.26 | 0.44 | 0.01 | 0.01 | -0.39 | 0.24 | 0.27 | -0.13 | -0.32 | -0.21 | -0.28 | **V39** | | **V39** | **Psychosis** |
| **V40** | 0.14 | -0.12 | 0.34 | 0.44 | 0.35 | 0.57 | -0.01 | -0.05 | -0.28 | 0.17 | 0.30 | -0.20 | -0.36 | -0.08 | -0.11 | **V40** | | **V40** | **Neurotic, personality and other mental disorders** |
| **V41** | 1.00 | 0.84 | 0.52 | 0.37 | 0.42 | 0.60 | 0.50 | 0.26 | 0.06 | 0.27 | 0.09 | 0.33 | 0.28 | -0.16 | -0.01 | **V41** | | **V41** | **Circulatory system diseases** |
| **V42** | 0.84 | 1.00 | 0.34 | 0.21 | 0.27 | 0.36 | 0.33 | 0.14 | 0.26 | 0.17 | -0.17 | 0.39 | 0.40 | -0.12 | 0.00 | **V42** | | **V42** | **Ischaemic heart disease** |
| **V43** | 0.52 | 0.34 | 1.00 | 0.75 | 0.76 | 0.62 | 0.48 | 0.23 | 0.03 | 0.11 | 0.02 | 0.35 | 0.31 | -0.06 | -0.10 | **V43** | | **V43** | **Respiratory system diseases: all ages** |
| **V44** | 0.37 | 0.21 | 0.75 | 1.00 | 0.65 | 0.48 | 0.46 | 0.34 | 0.06 | 0.09 | 0.12 | 0.11 | 0.13 | -0.14 | -0.07 | **V44** | | **V44** | **Respiratory system diseases: 0 to 4 year olds** |
| **V45** | 0.42 | 0.27 | 0.76 | 0.65 | 1.00 | 0.63 | 0.47 | 0.26 | 0.13 | 0.05 | 0.13 | 0.23 | 0.29 | -0.09 | -0.16 | **V45** | | **V45** | **Bronchitis, emphysema and asthma** |
| **V46** | 0.60 | 0.36 | 0.62 | 0.48 | 0.63 | 1.00 | 0.33 | 0.04 | -0.08 | 0.11 | 0.06 | 0.09 | 0.04 | -0.06 | -0.17 | **V46** | | **V46** | **Accidents, poisonings and violence** |
| **V47** | 0.50 | 0.33 | 0.48 | 0.46 | 0.47 | 0.33 | 1.00 | 0.89 | 0.35 | 0.33 | 0.44 | 0.36 | 0.35 | -0.03 | -0.01 | **V47** | **Hospital admissions for a surgical procedure** | **V47** | **All procedures** |
| **V48** | 0.26 | 0.14 | 0.23 | 0.34 | 0.26 | 0.04 | 0.89 | 1.00 | 0.16 | 0.33 | 0.44 | 0.16 | 0.16 | -0.06 | -0.01 | **V48** | | **V48** | **Same day procedures** |
| **V49** | 0.06 | 0.26 | 0.03 | 0.06 | 0.13 | -0.08 | 0.35 | 0.16 | 1.00 | -0.07 | 0.14 | 0.25 | 0.37 | 0.38 | 0.35 | **V49** | | **V49** | **Caesarean section** |
| **V50** | 0.27 | 0.17 | 0.11 | 0.09 | 0.05 | 0.11 | 0.33 | 0.33 | -0.07 | 1.00 | 0.20 | 0.10 | -0.03 | 0.06 | -0.24 | **V50** | | **V50** | **Lens insertion** |
| **V51** | 0.09 | -0.17 | 0.02 | 0.12 | 0.13 | 0.06 | 0.44 | 0.44 | 0.14 | 0.20 | 1.00 | -0.04 | -0.08 | 0.17 | 0.05 | **V51** | | **V51** | **Endoscopies** |
| **V52** | 0.33 | 0.39 | 0.35 | 0.11 | 0.23 | 0.09 | 0.36 | 0.16 | 0.25 | 0.10 | -0.04 | 1.00 | 0.91 | -0.16 | -0.21 | **V52** | **General medical practitioner services** | **V52** | **Males** |
| **V53** | 0.28 | 0.40 | 0.31 | 0.13 | 0.29 | 0.04 | 0.35 | 0.16 | 0.37 | -0.03 | -0.08 | 0.91 | 1.00 | -0.12 | -0.21 | **V53** | | **V53** | **Females** |
| **V54** | -0.16 | -0.12 | -0.06 | -0.14 | -0.09 | -0.06 | -0.03 | -0.06 | 0.38 | 0.06 | 0.17 | -0.16 | -0.12 | 1.00 | 0.21 | **V54** | **Immunisation** | **V54** | **Immunisation** |
| **V55** | -0.01 | 0.00 | -0.10 | -0.07 | -0.16 | -0.17 | -0.01 | -0.01 | 0.35 | -0.24 | 0.05 | -0.21 | -0.21 | 0.21 | 1.00 | **V55** | **Service provisions** | **V55** | **Population per general medical practitioner** |
| | **V41** | **V42** | **V43** | **V44** | **V45** | **V46** | **V47** | **V48** | **V49** | **V50** | **V51** | **V52** | **V53** | **V54** | **V55** | | | | |

**Figures highlighted thus** indicate correlations of meaningful significance between the appropriate variables in the matrix;

**those highlighted thus** indicate correlations of substantial significance

**Source: Calculated from project data**

**Table 8.2: Correlation matrix for SLAs in non-metropolitan areas of Queensland**

| | V1 | V2 | V3 | V4 | V5 | V6 | V7 | V8 | V9 | V10 | V11 | V12 | V13 | V14 | V15 | V16 | V17 | V18 | V19 | V20 | V21 | V22 | V23 | V24 | V25 | V26 | V27 | V28 | V29 | V30 | V31 | V32 | V33 | V34 | V35 | V36 | V37 | V38 | V39 | V40 | V41 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **V1** | 1.00 | -0.60 | 0.32 | -0.10 | 0.25 | -0.11 | -0.28 | -0.17 | 0.11 | 0.56 | -0.28 | -0.15 | -0.11 | 0.28 | 0.42 | -0.33 | 0.19 | -0.27 | 0.11 | 0.26 | -0.14 | 0.06 | 0.11 | -0.18 | -0.29 | 0.40 | 0.36 | 0.32 | 0.31 | -0.11 | 0.32 | 0.31 | 0.02 | -0.21 | 0.13 | 0.22 | 0.02 | 0.38 | 0.27 | 0.20 | -0.16 | **V1** |
| **V2** | -0.60 | 1.00 | -0.09 | 0.44 | -0.51 | 0.14 | 0.45 | 0.08 | -0.03 | -0.35 | 0.19 | 0.13 | 0.15 | -0.08 | -0.13 | 0.04 | 0.13 | 0.58 | 0.23 | 0.00 | 0.47 | 0.18 | -0.47 | 0.43 | -0.01 | -0.23 | -0.10 | -0.23 | -0.21 | 0.09 | -0.22 | -0.22 | -0.12 | 0.25 | 0.09 | -0.18 | 0.03 | -0.22 | -0.28 | -0.16 | 0.11 | **V2** |
| **V3** | 0.32 | -0.09 | 1.00 | 0.29 | -0.12 | -0.49 | 0.12 | -0.38 | -0.10 | 0.81 | 0.03 | 0.23 | 0.00 | 0.40 | 0.82 | -0.69 | 0.11 | 0.10 | 0.59 | 0.64 | 0.17 | 0.64 | -0.44 | 0.46 | -0.57 | 0.73 | 0.09 | 0.47 | 0.48 | -0.26 | 0.43 | 0.52 | 0.18 | -0.10 | 0.43 | 0.50 | 0.33 | 0.58 | 0.35 | 0.29 | -0.16 | **V3** |
| **V4** | -0.10 | 0.44 | 0.29 | 1.00 | -0.76 | 0.25 | 0.52 | -0.53 | 0.17 | 0.24 | 0.00 | -0.07 | -0.07 | -0.19 | 0.32 | -0.66 | 0.38 | 0.66 | 0.40 | 0.44 | 0.60 | 0.65 | -0.78 | 0.77 | -0.37 | 0.38 | 0.05 | 0.14 | 0.22 | -0.36 | 0.12 | 0.15 | -0.12 | -0.09 | 0.15 | 0.11 | -0.12 | 0.23 | 0.16 | -0.09 | -0.29 | **V4** |
| **V5** | 0.25 | -0.51 | -0.12 | -0.76 | 1.00 | -0.41 | -0.35 | 0.18 | -0.12 | -0.10 | 0.15 | 0.16 | 0.05 | 0.18 | -0.17 | 0.45 | -0.22 | -0.50 | -0.27 | -0.23 | -0.67 | -0.39 | 0.58 | -0.68 | 0.12 | -0.16 | -0.07 | -0.06 | -0.16 | 0.37 | -0.04 | -0.08 | 0.07 | 0.06 | -0.21 | -0.07 | 0.08 | -0.14 | -0.13 | 0.14 | 0.19 | **V5** |
| **V6** | -0.11 | 0.14 | -0.49 | 0.25 | -0.41 | 1.00 | -0.18 | 0.13 | 0.11 | -0.27 | -0.30 | -0.27 | -0.11 | -0.41 | -0.34 | 0.13 | 0.05 | 0.07 | -0.26 | -0.27 | 0.29 | -0.35 | 0.16 | -0.03 | 0.33 | -0.21 | 0.16 | -0.22 | -0.16 | -0.13 | -0.23 | -0.22 | -0.22 | -0.09 | -0.11 | -0.27 | -0.36 | -0.17 | -0.08 | -0.23 | -0.11 | **V6** |
| **V7** | -0.28 | 0.45 | 0.12 | 0.52 | -0.35 | -0.18 | 1.00 | -0.39 | 0.08 | -0.19 | 0.35 | 0.12 | 0.04 | -0.06 | -0.10 | -0.22 | 0.25 | 0.68 | 0.46 | 0.36 | 0.45 | 0.59 | -0.66 | 0.57 | -0.06 | -0.11 | -0.06 | -0.21 | -0.17 | -0.06 | -0.21 | -0.20 | -0.13 | 0.10 | 0.04 | -0.17 | 0.09 | -0.22 | -0.28 | -0.20 | -0.03 | **V7** |
| **V8** | -0.17 | 0.08 | -0.38 | -0.53 | 0.18 | 0.13 | -0.39 | 1.00 | -0.34 | -0.41 | -0.07 | -0.04 | 0.05 | 0.05 | -0.37 | 0.68 | -0.15 | -0.42 | -0.36 | -0.50 | -0.23 | -0.69 | 0.55 | -0.57 | 0.34 | -0.50 | -0.23 | -0.28 | -0.29 | 0.16 | -0.25 | -0.29 | -0.14 | 0.21 | -0.18 | -0.32 | 0.00 | -0.29 | -0.28 | -0.11 | 0.16 | **V8** |
| **V9** | 0.11 | -0.03 | -0.10 | 0.17 | -0.12 | 0.11 | 0.08 | -0.34 | 1.00 | -0.07 | -0.30 | -0.24 | -0.11 | -0.19 | -0.13 | -0.29 | 0.21 | 0.26 | 0.01 | -0.15 | 0.06 | 0.14 | -0.15 | 0.24 | 0.18 | 0.05 | 0.04 | -0.08 | -0.08 | 0.06 | -0.13 | -0.02 | -0.11 | -0.17 | 0.11 | -0.13 | -0.18 | -0.05 | -0.03 | -0.14 | -0.15 | **V9** |
| **V10** | 0.56 | -0.35 | 0.81 | 0.24 | -0.10 | -0.27 | -0.19 | -0.41 | -0.07 | 1.00 | -0.16 | 0.01 | -0.04 | 0.36 | 0.92 | -0.78 | 0.10 | -0.08 | 0.41 | 0.65 | 0.11 | 0.51 | -0.27 | 0.30 | -0.58 | 0.85 | 0.22 | 0.68 | 0.71 | -0.43 | 0.64 | 0.69 | 0.26 | -0.18 | 0.47 | 0.62 | 0.20 | 0.75 | 0.64 | 0.34 | -0.23 | **V10** |
| **V11** | -0.28 | 0.19 | 0.03 | 0.00 | 0.15 | -0.30 | 0.35 | -0.07 | -0.30 | -0.16 | 1.00 | 0.31 | 0.74 | 0.02 | -0.13 | 0.16 | 0.05 | 0.22 | 0.24 | 0.19 | -0.01 | 0.20 | -0.20 | 0.10 | -0.26 | -0.09 | -0.18 | -0.20 | -0.18 | 0.02 | -0.17 | -0.22 | 0.00 | 0.10 | -0.12 | -0.14 | 0.13 | -0.24 | -0.25 | -0.05 | 0.18 | **V11** |
| **V12** | -0.15 | 0.13 | 0.23 | -0.07 | 0.16 | -0.27 | 0.12 | -0.04 | -0.24 | 0.01 | 0.31 | 1.00 | 0.24 | 0.24 | 0.07 | 0.05 | -0.10 | 0.06 | 0.21 | 0.14 | -0.01 | 0.11 | -0.09 | 0.07 | -0.08 | -0.02 | 0.01 | 0.02 | -0.02 | 0.16 | 0.01 | 0.06 | 0.09 | 0.09 | 0.00 | 0.01 | 0.18 | -0.03 | -0.09 | 0.09 | 0.11 | **V12** |
| **V13** | -0.11 | 0.15 | 0.00 | -0.07 | 0.05 | -0.11 | 0.04 | 0.05 | -0.11 | -0.04 | 0.74 | 0.24 | 1.00 | 0.15 | 0.02 | 0.06 | 0.07 | 0.10 | 0.12 | 0.02 | 0.00 | 0.05 | -0.07 | 0.03 | -0.27 | -0.03 | -0.09 | -0.04 | -0.03 | -0.01 | -0.04 | -0.04 | 0.03 | 0.07 | -0.03 | -0.04 | 0.12 | -0.06 | -0.08 | 0.04 | 0.15 | **V13** |
| **V14** | 0.28 | -0.08 | 0.40 | -0.19 | 0.18 | -0.41 | -0.06 | 0.05 | -0.19 | 0.36 | 0.02 | 0.24 | 0.15 | 1.00 | 0.40 | -0.16 | -0.16 | -0.14 | 0.29 | 0.28 | -0.04 | 0.13 | -0.01 | -0.06 | -0.22 | 0.14 | 0.12 | 0.25 | 0.23 | -0.03 | 0.23 | 0.26 | 0.21 | 0.18 | 0.19 | 0.24 | 0.28 | 0.19 | 0.13 | 0.21 | 0.08 | **V14** |
| **V15** | 0.42 | -0.13 | 0.82 | 0.32 | -0.17 | -0.34 | -0.10 | -0.37 | -0.13 | 0.92 | -0.13 | 0.07 | 0.02 | 0.40 | 1.00 | -0.78 | 0.17 | 0.03 | 0.40 | 0.62 | 0.14 | 0.57 | -0.39 | 0.36 | -0.70 | 0.84 | 0.12 | 0.68 | 0.70 | -0.37 | 0.65 | 0.67 | 0.27 | -0.10 | 0.46 | 0.62 | 0.27 | 0.73 | 0.61 | 0.40 | -0.16 | **V15** |
| **V16** | -0.33 | 0.04 | -0.69 | -0.66 | 0.45 | 0.13 | -0.22 | 0.68 | -0.29 | -0.78 | 0.16 | 0.05 | 0.06 | -0.16 | -0.78 | 1.00 | -0.24 | -0.33 | -0.50 | -0.64 | -0.37 | -0.74 | 0.61 | -0.65 | 0.51 | -0.80 | -0.22 | -0.58 | -0.64 | 0.48 | -0.53 | -0.60 | -0.21 | 0.16 | -0.49 | -0.51 | -0.15 | -0.65 | -0.55 | -0.26 | 0.23 | **V16** |
| **V17** | 0.19 | 0.13 | 0.11 | 0.38 | -0.22 | 0.05 | 0.25 | -0.15 | 0.21 | 0.10 | 0.05 | -0.10 | 0.07 | -0.16 | 0.17 | -0.24 | 1.00 | 0.43 | 0.21 | 0.15 | 0.20 | 0.37 | -0.45 | 0.27 | -0.41 | 0.20 | -0.17 | -0.08 | -0.04 | -0.10 | -0.04 | -0.12 | -0.26 | -0.12 | -0.13 | -0.19 | -0.22 | 0.05 | -0.09 | -0.16 | -0.20 | **V17** |
| **V18** | -0.27 | 0.58 | 0.10 | 0.66 | -0.50 | 0.07 | 0.68 | -0.42 | 0.26 | -0.08 | 0.22 | 0.06 | 0.10 | -0.14 | 0.03 | -0.33 | 0.43 | 1.00 | 0.48 | 0.30 | 0.63 | 0.64 | -0.80 | 0.77 | -0.22 | 0.04 | -0.03 | -0.10 | -0.06 | -0.10 | -0.11 | -0.09 | -0.19 | -0.01 | 0.19 | -0.03 | 0.10 | -0.04 | -0.18 | -0.19 | -0.16 | **V18** |
| **V19** | 0.11 | 0.23 | 0.59 | 0.40 | -0.27 | -0.26 | 0.46 | -0.36 | 0.01 | 0.41 | 0.24 | 0.21 | 0.12 | 0.29 | 0.40 | -0.50 | 0.21 | 0.48 | 1.00 | 0.71 | 0.63 | 0.67 | -0.62 | 0.58 | -0.31 | 0.37 | 0.13 | 0.21 | 0.26 | -0.27 | 0.16 | 0.26 | 0.09 | -0.07 | 0.41 | 0.24 | 0.09 | 0.27 | 0.07 | 0.04 | -0.09 | **V19** |
| **V20** | 0.26 | 0.00 | 0.64 | 0.44 | -0.23 | -0.27 | 0.36 | -0.50 | -0.15 | 0.65 | 0.19 | 0.14 | 0.02 | 0.28 | 0.62 | -0.64 | 0.15 | 0.30 | 0.71 | 1.00 | 0.51 | 0.66 | -0.53 | 0.51 | -0.49 | 0.57 | 0.22 | 0.33 | 0.38 | -0.33 | 0.30 | 0.36 | 0.15 | -0.07 | 0.24 | 0.36 | 0.06 | 0.35 | 0.23 | 0.16 | -0.13 | **V20** |
| **V21** | -0.14 | 0.47 | 0.17 | 0.60 | -0.67 | 0.29 | 0.45 | -0.23 | 0.06 | 0.11 | -0.01 | -0.01 | 0.00 | -0.04 | 0.14 | -0.37 | 0.20 | 0.63 | 0.63 | 0.51 | 1.00 | 0.46 | -0.58 | 0.65 | -0.05 | 0.12 | 0.16 | 0.03 | 0.11 | -0.32 | 0.00 | 0.06 | -0.07 | -0.04 | 0.27 | 0.10 | -0.02 | 0.06 | 0.00 | -0.10 | -0.13 | **V21** |
| **V22** | 0.06 | 0.18 | 0.64 | 0.65 | -0.39 | -0.35 | 0.59 | -0.69 | 0.14 | 0.51 | 0.20 | 0.11 | 0.05 | 0.13 | 0.57 | -0.74 | 0.37 | 0.64 | 0.67 | 0.66 | 0.46 | 1.00 | -0.92 | 0.80 | -0.54 | 0.59 | -0.02 | 0.35 | 0.39 | -0.30 | 0.32 | 0.35 | 0.07 | -0.17 | 0.35 | 0.40 | 0.19 | 0.44 | 0.26 | 0.07 | -0.26 | **V22** |
| **V23** | 0.11 | -0.47 | -0.44 | -0.78 | 0.58 | 0.16 | -0.66 | 0.55 | -0.15 | -0.27 | -0.20 | -0.09 | -0.07 | -0.01 | -0.39 | 0.61 | -0.45 | -0.80 | -0.62 | -0.53 | -0.58 | -0.92 | 1.00 | -0.84 | 0.47 | -0.39 | 0.05 | -0.19 | -0.24 | 0.24 | -0.17 | -0.19 | 0.06 | 0.11 | -0.30 | -0.21 | -0.10 | -0.29 | -0.11 | 0.06 | 0.25 | **V23** |
| **V24** | -0.18 | 0.43 | 0.46 | 0.77 | -0.68 | -0.03 | 0.57 | -0.57 | 0.24 | 0.30 | 0.10 | 0.07 | 0.03 | -0.06 | 0.36 | -0.65 | 0.27 | 0.77 | 0.58 | 0.51 | 0.65 | 0.80 | -0.84 | 1.00 | -0.37 | 0.42 | -0.04 | 0.12 | 0.18 | -0.28 | 0.10 | 0.15 | -0.05 | -0.05 | 0.32 | 0.21 | 0.12 | 0.21 | 0.07 | -0.08 | -0.23 | **V24** |
| **V25** | -0.29 | -0.01 | -0.57 | -0.37 | 0.12 | 0.33 | -0.06 | 0.34 | 0.18 | -0.58 | -0.26 | -0.08 | -0.27 | -0.22 | -0.70 | 0.51 | -0.41 | -0.22 | -0.31 | -0.49 | -0.05 | -0.54 | 0.47 | -0.37 | 1.00 | -0.67 | 0.07 | -0.29 | -0.30 | 0.20 | -0.33 | -0.21 | -0.04 | 0.02 | -0.19 | -0.30 | -0.15 | -0.39 | -0.24 | -0.21 | 0.11 | **V25** |
| **V26** | 0.40 | -0.23 | 0.73 | 0.38 | -0.16 | -0.21 | -0.11 | -0.50 | 0.05 | 0.85 | -0.09 | -0.02 | -0.03 | 0.14 | 0.84 | -0.80 | 0.20 | 0.04 | 0.37 | 0.57 | 0.12 | 0.59 | -0.39 | 0.42 | -0.67 | 1.00 | 0.10 | 0.61 | 0.64 | -0.40 | 0.60 | 0.60 | 0.28 | -0.14 | 0.52 | 0.60 | 0.32 | 0.70 | 0.58 | 0.39 | -0.15 | **V26** |
| **V27** | 0.36 | -0.10 | 0.09 | 0.05 | -0.07 | 0.16 | -0.06 | -0.23 | 0.04 | 0.22 | -0.18 | 0.01 | -0.09 | 0.12 | 0.12 | -0.22 | -0.17 | -0.03 | 0.13 | 0.22 | 0.16 | -0.02 | 0.05 | -0.04 | 0.07 | 0.10 | 1.00 | 0.35 | 0.35 | -0.13 | 0.34 | 0.34 | 0.36 | -0.07 | 0.29 | 0.26 | 0.07 | 0.29 | 0.35 | 0.41 | 0.25 | **V27** |
| **V28** | 0.32 | -0.23 | 0.47 | 0.14 | -0.06 | -0.22 | -0.21 | -0.28 | -0.08 | 0.68 | -0.20 | 0.02 | -0.04 | 0.25 | 0.68 | -0.58 | -0.08 | -0.10 | 0.21 | 0.33 | 0.03 | 0.35 | -0.19 | 0.12 | -0.29 | 0.61 | 0.35 | 1.00 | 0.97 | -0.24 | 0.97 | 0.97 | 0.69 | 0.03 | 0.74 | 0.85 | 0.58 | 0.92 | 0.91 | 0.72 | 0.16 | **V28** |
| **V29** | 0.31 | -0.21 | 0.48 | 0.22 | -0.16 | -0.16 | -0.17 | -0.29 | -0.08 | 0.71 | -0.18 | -0.02 | -0.03 | 0.23 | 0.70 | -0.64 | -0.04 | -0.06 | 0.26 | 0.38 | 0.11 | 0.39 | -0.24 | 0.18 | -0.30 | 0.64 | 0.35 | 0.97 | 1.00 | -0.48 | 0.94 | 0.93 | 0.65 | 0.01 | 0.71 | 0.82 | 0.52 | 0.91 | 0.91 | 0.64 | 0.10 | **V29** |
| **V30** | -0.11 | 0.09 | -0.26 | -0.36 | 0.37 | -0.13 | -0.06 | 0.16 | 0.06 | -0.43 | 0.02 | 0.16 | -0.01 | -0.03 | -0.37 | 0.48 | -0.10 | -0.10 | -0.27 | -0.33 | -0.32 | -0.30 | 0.24 | -0.28 | 0.20 | -0.40 | -0.13 | -0.24 | -0.48 | 1.00 | -0.24 | -0.24 | -0.04 | 0.13 | -0.15 | -0.21 | -0.01 | -0.32 | -0.36 | 0.08 | 0.26 | **V30** |
| **V31** | 0.32 | -0.22 | 0.43 | 0.12 | -0.04 | -0.23 | -0.21 | -0.25 | -0.13 | 0.64 | -0.17 | 0.01 | -0.04 | 0.23 | 0.65 | -0.53 | -0.04 | -0.11 | 0.16 | 0.30 | 0.00 | 0.32 | -0.17 | 0.10 | -0.33 | 0.60 | 0.34 | 0.97 | 0.94 | -0.24 | 1.00 | 0.88 | 0.72 | 0.07 | 0.72 | 0.82 | 0.59 | 0.90 | 0.90 | 0.76 | 0.24 | **V31** |
| **V32** | 0.31 | -0.22 | 0.52 | 0.15 | -0.08 | -0.22 | -0.20 | -0.29 | -0.02 | 0.69 | -0.22 | 0.06 | -0.04 | 0.26 | 0.67 | -0.60 | -0.12 | -0.09 | 0.26 | 0.36 | 0.06 | 0.35 | -0.19 | 0.15 | -0.21 | 0.60 | 0.34 | 0.97 | 0.93 | -0.24 | 0.88 | 1.00 | 0.63 | -0.01 | 0.72 | 0.85 | 0.53 | 0.91 | 0.86 | 0.64 | 0.07 | **V32** |
| **V33** | 0.02 | -0.12 | 0.18 | -0.12 | 0.07 | -0.22 | -0.13 | -0.14 | -0.11 | 0.26 | 0.00 | 0.09 | 0.03 | 0.21 | 0.27 | -0.21 | -0.26 | -0.19 | 0.09 | 0.15 | -0.07 | 0.07 | 0.06 | -0.05 | -0.04 | 0.28 | 0.36 | 0.69 | 0.65 | -0.04 | 0.72 | 0.63 | 1.00 | 0.36 | 0.36 | 0.66 | 0.50 | 0.45 | 0.66 | 0.84 | 0.73 | **V33** |
| **V34** | -0.21 | 0.25 | -0.10 | -0.09 | 0.06 | -0.09 | 0.10 | 0.21 | -0.17 | -0.18 | 0.10 | 0.09 | 0.07 | 0.18 | -0.10 | 0.16 | -0.12 | -0.01 | -0.07 | -0.07 | -0.04 | -0.17 | 0.11 | -0.05 | 0.02 | -0.14 | -0.07 | 0.03 | 0.01 | 0.13 | 0.07 | -0.01 | 0.36 | 1.00 | 0.02 | 0.01 | 0.27 | -0.11 | -0.12 | 0.27 | 0.51 | **V34** |
| **V35** | 0.13 | 0.09 | 0.43 | 0.15 | -0.21 | -0.11 | 0.04 | -0.18 | 0.11 | 0.47 | -0.12 | 0.00 | -0.03 | 0.19 | 0.46 | -0.49 | -0.13 | 0.19 | 0.41 | 0.24 | 0.27 | 0.35 | -0.30 | 0.32 | -0.19 | 0.52 | 0.29 | 0.74 | 0.71 | -0.15 | 0.72 | 0.72 | 0.36 | 0.02 | 1.00 | 0.57 | 0.38 | 0.77 | 0.57 | 0.26 | -0.04 | **V35** |
| **V36** | 0.22 | -0.18 | 0.50 | 0.11 | -0.07 | -0.27 | -0.17 | -0.32 | -0.13 | 0.62 | -0.14 | 0.01 | -0.04 | 0.24 | 0.62 | -0.51 | -0.19 | -0.03 | 0.24 | 0.36 | 0.10 | 0.40 | -0.21 | 0.21 | -0.30 | 0.60 | 0.26 | 0.85 | 0.82 | -0.21 | 0.82 | 0.85 | 0.66 | 0.01 | 0.57 | 1.00 | 0.81 | 0.77 | 0.75 | 0.61 | 0.08 | **V36** |
| **V37** | 0.02 | 0.03 | 0.33 | -0.12 | 0.08 | -0.36 | 0.09 | 0.00 | -0.18 | 0.20 | 0.13 | 0.18 | 0.12 | 0.28 | 0.27 | -0.15 | -0.22 | 0.10 | 0.09 | 0.06 | -0.02 | 0.19 | -0.10 | 0.12 | -0.15 | 0.32 | 0.07 | 0.58 | 0.52 | -0.01 | 0.59 | 0.53 | 0.50 | 0.27 | 0.38 | 0.81 | 1.00 | 0.43 | 0.35 | 0.48 | 0.35 | **V37** |
| **V38** | 0.38 | -0.22 | 0.58 | 0.23 | -0.14 | -0.17 | -0.22 | -0.29 | -0.05 | 0.75 | -0.24 | -0.03 | -0.06 | 0.19 | 0.73 | -0.65 | 0.05 | -0.04 | 0.27 | 0.35 | 0.06 | 0.44 | -0.29 | 0.21 | -0.39 | 0.70 | 0.29 | 0.92 | 0.91 | -0.32 | 0.90 | 0.91 | 0.45 | -0.11 | 0.77 | 0.77 | 0.43 | 1.00 | 0.83 | 0.52 | -0.15 | **V38** |
| **V39** | 0.27 | -0.28 | 0.35 | 0.16 | -0.13 | -0.08 | -0.28 | -0.28 | -0.03 | 0.64 | -0.25 | -0.09 | -0.08 | 0.13 | 0.61 | -0.55 | -0.09 | -0.18 | 0.07 | 0.23 | 0.00 | 0.26 | -0.11 | 0.07 | -0.24 | 0.58 | 0.35 | 0.91 | 0.91 | -0.36 | 0.90 | 0.86 | 0.66 | -0.12 | 0.57 | 0.75 | 0.35 | 0.83 | 1.00 | 0.65 | 0.14 | **V39** |
| **V40** | 0.20 | -0.16 | 0.29 | -0.09 | 0.14 | -0.23 | -0.20 | -0.11 | -0.14 | 0.34 | -0.05 | 0.09 | 0.04 | 0.21 | 0.40 | -0.26 | -0.16 | -0.19 | 0.04 | 0.16 | -0.10 | 0.07 | 0.06 | -0.08 | -0.21 | 0.39 | 0.41 | 0.72 | 0.64 | 0.08 | 0.76 | 0.64 | 0.84 | 0.27 | 0.26 | 0.61 | 0.48 | 0.52 | 0.65 | 1.00 | 0.70 | **V40** |
| **V41** | -0.16 | 0.11 | -0.16 | -0.29 | 0.19 | -0.11 | -0.03 | 0.16 | -0.15 | -0.23 | 0.18 | 0.11 | 0.15 | 0.08 | -0.16 | 0.23 | -0.20 | -0.16 | -0.09 | -0.13 | -0.13 | -0.26 | 0.25 | -0.23 | 0.11 | -0.15 | 0.25 | 0.16 | 0.10 | 0.26 | 0.24 | 0.07 | 0.73 | 0.51 | -0.04 | 0.08 | 0.35 | -0.15 | 0.14 | 0.70 | 1.00 | **V41** |
| **V42** | -0.06 | 0.06 | -0.16 | -0.31 | 0.26 | -0.10 | -0.14 | 0.19 | -0.11 | -0.25 | 0.03 | 0.15 | 0.05 | 0.12 | -0.19 | 0.31 | -0.24 | -0.07 | -0.10 | -0.16 | -0.11 | -0.21 | 0.19 | -0.17 | 0.14 | -0.20 | 0.05 | 0.04 | -0.08 | 0.49 | 0.08 | 0.01 | 0.24 | 0.23 | 0.00 | 0.12 | 0.37 | -0.05 | -0.11 | 0.41 | 0.51 | **V42** |
| **V43** | -0.27 | 0.52 | -0.27 | 0.30 | -0.18 | 0.09 | 0.36 | 0.03 | 0.13 | -0.46 | 0.22 | 0.09 | 0.07 | -0.21 | -0.31 | 0.19 | 0.42 | 0.52 | 0.08 | -0.18 | 0.16 | 0.20 | -0.48 | 0.18 | -0.04 | -0.31 | -0.22 | -0.36 | -0.38 | 0.27 | -0.34 | -0.37 | -0.38 | -0.02 | -0.12 | -0.40 | -0.19 | -0.26 | -0.42 | -0.35 | -0.15 | **V43** |
| **V44** | -0.27 | 0.46 | -0.38 | 0.25 | -0.18 | 0.21 | 0.28 | 0.07 | 0.17 | -0.52 | 0.13 | 0.06 | 0.03 | -0.25 | -0.41 | 0.25 | 0.40 | 0.44 | 0.00 | -0.27 | 0.14 | 0.08 | -0.38 | 0.08 | 0.08 | -0.38 | -0.17 | -0.40 | -0.42 | 0.26 | -0.40 | -0.40 | -0.41 | -0.07 | -0.18 | -0.45 | -0.24 | -0.30 | -0.43 | -0.41 | -0.18 | **V44** |
| **V45** | 0.07 | 0.11 | -0.31 | -0.07 | 0.11 | 0.25 | -0.09 | 0.18 | 0.21 | -0.28 | -0.16 | -0.06 | 0.00 | -0.09 | -0.25 | 0.23 | 0.13 | -0.07 | -0.27 | -0.38 | -0.09 | -0.27 | 0.17 | -0.19 | 0.17 | -0.23 | 0.01 | -0.20 | -0.21 | 0.11 | -0.15 | -0.25 | -0.11 | 0.19 | -0.27 | -0.38 | -0.24 | -0.26 | -0.13 | -0.08 | 0.09 | **V45** |
| **V46** | 0.24 | -0.44 | 0.19 | -0.19 | 0.07 | -0.01 | -0.30 | -0.04 | -0.04 | 0.36 | -0.27 | -0.22 | -0.16 | 0.05 | 0.21 | -0.15 | -0.36 | -0.35 | -0.11 | 0.09 | -0.05 | -0.18 | 0.39 | -0.09 | 0.08 | 0.21 | 0.15 | 0.21 | 0.22 | -0.17 | 0.19 | 0.24 | 0.28 | -0.03 | 0.03 | 0.36 | 0.02 | 0.12 | 0.28 | 0.24 | 0.11 | **V46** |
| | **V1** | **V2** | **V3** | **V4** | **V5** | **V6** | **V7** | **V8** | **V9** | **V10** | **V11** | **V12** | **V13** | **V14** | **V15** | **V16** | **V17** | **V18** | **V19** | **V20** | **V21** | **V22** | **V23** | **V24** | **V25** | **V26** | **V27** | **V28** | **V29** | **V30** | **V31** | **V32** | **V33** | **V34** | **V35** | **V36** | **V37** | **V38** | **V39** | **V40** | **V41** | |

**Figures highlighted thus** indicate correlations of meaningful significance between the appropriate variables in the matrix; **those highlighted thus** indicate correlations of substantial significance

**Note: See over for variable names**

**Table 8.2: Correlation matrix for SLAs in non-metropolitan areas of Queensland ...*cont***

| | V42 | V43 | V44 | V45 | V46 | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **V1** | -0.06 | -0.27 | -0.27 | 0.07 | 0.24 | **V1** | **Age distribution** | **V1** | **Children aged 0 to 4** |
| **V2** | 0.06 | 0.52 | 0.46 | 0.11 | -0.44 | **V2** | | **V2** | **People aged 65 and over** |
| **V3** | -0.16 | -0.27 | -0.38 | -0.31 | 0.19 | **V3** | **Families** | **V3** | **Single parent families** |
| **V4** | -0.31 | 0.30 | 0.25 | -0.07 | -0.19 | **V4** | | **V4** | **Low income families** |
| **V5** | 0.26 | -0.18 | -0.18 | 0.11 | 0.07 | **V5** | | **V5** | **High income families** |
| **V6** | -0.10 | 0.09 | 0.21 | 0.25 | -0.01 | **V6** | **Labour force** | **V6** | **Managers and administrators, and professionals** |
| **V7** | -0.14 | 0.36 | 0.28 | -0.09 | -0.30 | **V7** | | **V7** | **Unemployed people** |
| **V8** | 0.19 | 0.03 | 0.07 | 0.18 | -0.04 | **V8** | | **V8** | **Female labour force participation** |
| **V9** | -0.11 | 0.13 | 0.17 | 0.21 | -0.04 | **V9** | **Educational participation** | **V9** | **Left school aged 15 or lees, or did not go to school** |
| **V10** | -0.25 | -0.46 | -0.52 | -0.28 | 0.36 | **V10** | **Aboriginal people and Torres Strait Islander people** | **V10** | **Aboriginal and Torres Strait Islander people** |
| **V11** | 0.03 | 0.22 | 0.13 | -0.16 | -0.27 | **V11** | **People born in predominantly non-English speaking countri** | **V11** | **resident for five years or more** |
| **V12** | 0.15 | 0.09 | 0.06 | -0.06 | -0.22 | **V12** | | **V12** | **resident for less than five years** |
| **V13** | 0.05 | 0.07 | 0.03 | 0.00 | -0.16 | **V13** | | **V13** | **Proficiency in English** |
| **V14** | 0.12 | -0.21 | -0.25 | -0.09 | 0.05 | **V14** | **Housing** | **V14** | **Dwellings rented from the State housing authority** |
| **V15** | -0.19 | -0.31 | -0.41 | -0.25 | 0.21 | **V15** | | **V15** | **Dwellings with no motor vehicle** |
| **V16** | 0.31 | 0.19 | 0.25 | 0.23 | -0.15 | **V16** | **ABS SEIFA** | **V16** | **Index of Relative Socio-Economic Disadvantage** |
| **V17** | -0.24 | 0.42 | 0.40 | 0.13 | -0.36 | **V17** | **Income support payments** | **V17** | **Age pensioners** |
| **V18** | -0.07 | 0.52 | 0.44 | -0.07 | -0.35 | **V18** | | **V18** | **Disability support pensioners** |
| **V19** | -0.10 | 0.08 | 0.00 | -0.27 | -0.11 | **V19** | | **V19** | **Female sole parent pensioners** |
| **V20** | -0.16 | -0.18 | -0.27 | -0.38 | 0.09 | **V20** | | **V20** | **People receiving an unemployment benefit** |
| **V21** | -0.11 | 0.16 | 0.14 | -0.09 | -0.05 | **V21** | | **V21** | **Dependent children of selected pensioners and beneficiaries** |
| **V22** | -0.21 | 0.20 | 0.08 | -0.27 | -0.18 | **V22** | **Health status** | **V22** | **People reporting their health as fair or poor** |
| **V23** | 0.19 | -0.48 | -0.38 | 0.17 | 0.39 | **V23** | | **V23** | **Physical Component Score** |
| **V24** | -0.17 | 0.18 | 0.08 | -0.19 | -0.09 | **V24** | | **V24** | **Estimated number of people with a handicap** |
| **V25** | 0.14 | -0.04 | 0.08 | 0.17 | 0.08 | **V25** | | **V25** | **Estimated number of people with a disability** |
| **V26** | -0.20 | -0.31 | -0.38 | -0.23 | 0.21 | **V26** | **Years of potential life lost** | **V26** | **Years of potential life lost** |
| **V27** | 0.05 | -0.22 | -0.17 | 0.01 | 0.15 | **V27** | **Total Fertility Rate** | **V27** | **Total Fertility Rate** |
| **V28** | 0.04 | -0.36 | -0.40 | -0.20 | 0.21 | **V28** | **Hospital admissions** | **V28** | **Public acute hospitals and private hospitals** |
| **V29** | -0.08 | -0.38 | -0.42 | -0.21 | 0.22 | **V29** | | **V29** | **Public acute hospitals** |
| **V30** | 0.49 | 0.27 | 0.26 | 0.11 | -0.17 | **V30** | | **V30** | **Private hospitals** |
| **V31** | 0.08 | -0.34 | -0.40 | -0.15 | 0.19 | **V31** | | **V31** | **Males** |
| **V32** | 0.01 | -0.37 | -0.40 | -0.25 | 0.24 | **V32** | | **V32** | **Females** |
| **V33** | 0.24 | -0.38 | -0.41 | -0.11 | 0.28 | **V33** | | **V33** | **Same day** |
| **V34** | 0.23 | -0.02 | -0.07 | 0.19 | -0.03 | **V34** | | **V34** | **Cancer** |
| **V35** | 0.00 | -0.12 | -0.18 | -0.27 | 0.03 | **V35** | | **V35** | **Neurotic, personality and other mental disorders** |
| **V36** | 0.12 | -0.40 | -0.45 | -0.38 | 0.36 | **V36** | | **V36** | **Circulatory system diseases** |
| **V37** | 0.37 | -0.19 | -0.24 | -0.24 | 0.02 | **V37** | | **V37** | **Ischaemic heart disease** |
| **V38** | -0.05 | -0.26 | -0.30 | -0.26 | 0.12 | **V38** | | **V38** | **Respiratory system diseases: all ages** |
| **V39** | -0.11 | -0.42 | -0.43 | -0.13 | 0.28 | **V39** | | **V39** | **Accidents, poisonings and violence** |
| **V40** | 0.41 | -0.35 | -0.41 | -0.08 | 0.24 | **V40** | **Hospital admissions for a surgical procedure** | **V40** | **All procedures** |
| **V41** | 0.51 | -0.15 | -0.18 | 0.09 | 0.11 | **V41** | | **V41** | **Same day procedures** |
| **V42** | 1.00 | 0.07 | 0.06 | -0.03 | -0.10 | **V42** | | **V42** | **Endoscopies** |
| **V43** | 0.07 | 1.00 | 0.96 | 0.19 | -0.76 | **V43** | **General medical practitioner services** | **V43** | **Males** |
| **V44** | 0.06 | 0.96 | 1.00 | 0.20 | -0.76 | **V44** | | **V44** | **Females** |
| **V45** | -0.03 | 0.19 | 0.20 | 1.00 | -0.15 | **V45** | **Immunisation** | **V45** | **Immunisation** |
| **V46** | -0.10 | -0.76 | -0.76 | -0.15 | 1.00 | **V46** | **Service provisions** | **V46** | **Population per general medical practitioner** |
| | **V42** | **V43** | **V44** | **V45** | **V46** | | | | |
| | | | | | | | | | |
| | **Figures highlighted thus** | | | | | | **indicate correlations of meaningful significance between the appropriate variables in the matrix;** | | |
| | | **those highlighted thus** | | | | | **indicate correlations of substantial significance** | | |
| | | | | | | | | | **Source: Calculated from project data** |