### List of Tables

2.1 Neolithic periods at sites in southern Vietnam. 23

3.1 Standards for JEOL JSM-6400 EDX at the Electron Microscopy Unit, The Australian National University. 43

3.2 Sites in southern Vietnam with neolithic sequences included in the comparative study with An Sơn. All sites included in comparative analysis except Gò Cao Su and Rạch Rừng. 50

3.3 Sites in mainland Southeast Asia with neolithic sequences included in the comparative study with An Sơn. 52

4.1 Trench 1, description of layers. 57

4.2 Trench 2, description of layers. 59

4.3 Trench 3, description of layers. 60

4.4 Radiocarbon dates for all excavations at An Sơn, 1978–2009. 61

4.5 Identification and mortuary offerings of burials from all excavation seasons at An Sơn. 92

5.1a Weight and quantity of all Fibre temper and total of all An Sơn ceramic sherds, 2009 excavation. 101

5.1b Weight and quantity of all Sand temper and total of all An Sơn ceramic sherds, 2009 excavation. 101

5.2a Weight and quantity of all Fibre temper and total of all An Sơn ceramic sherds, 2009 excavation, Trench 1. 101

5.2b Weight and quantity of all Sand temper and total of all An Sơn ceramic sherds, 2009 excavation, Trench 2. 102

5.3a Weight and quantity of all Fibre temper and total of all An Sơn ceramic sherds, 2009 excavation, Trench 2 by depth. 102

5.3b Weight and quantity of all Sand temper and total of all An Sơn ceramic sherds, 2009 excavation, Trench 2 by depth. 103

5.4a Weight and quantity of all Fibre temper and total of all An Sơn ceramic sherds, 2009 excavation, Trench 2 by layer. 103

5.4b Weight and quantity of all Sand temper and total of all An Sơn ceramic sherds, 2009 excavation, Trench 2 by layer. 104

5.5a Weight and quantity of all Fibre temper and total of all An Sơn ceramic sherds, 2009 excavation, Trench 2 by square. 105

5.5b Weight and quantity of all Sand temper and total of all An Sơn ceramic sherds, 2009 excavation, Trench 2 by square. 106

5.6a Weight and quantity of all Fibre temper and total of all An Sơn ceramic sherds, 2009 excavation, Trench 3. 106

5.6b Weight and quantity of all Sand temper and total of all An Sơn ceramic sherds, 2009 excavation, Trench 3. 107

5.7a Weight and quantity of all Fibre temper and total of all An Sơn ceramic sherds, 2009 excavation, Test Square. 107
5.7b Weight and quantity of all Sand temper and total of all An Sơn ceramic sherds, 2009 excavation, Test Square.

5.8 Sequence of rim forms, Trench 1. Forms A1g, A1i-r, B1b, B3a, and D1b were not present in Trench 1.

5.9 Sequence of surface treatment and decoration at An Sơn, all 2009 excavation trenches.

5.10 Characterisation of soil matrices, ceramic rim forms (in Figure 5.1) and material culture in each layer, Trench 1, squares A1, A2, B1, B2, C1, C2.

5.11 Characterisation of soil matrices, ceramic rim forms (in Figure 5.1) and material culture in each layer, Trench 2.

6.1 Description of the An Sơn ceramic fabrics, 2009 excavation, Trench 1 square C1.

6.2 Description of the An Sơn ceramic fabrics, 2009 excavation Trench 1 and Test Square, and 1997 excavation Trench 1.

6.3 Description of non-local ceramic fabrics.

6.4 Description of the An Sơn clay fabrics, 2009 excavation Trench 2 and Test Square fired clay lumps, and unfired clay from the Vàm Cỏ Đông River vicinity.

6.5 The averaged and normalised chemical composition of each clay sample.

6.6 Summary of temper groups and samples identified for each group.

6.7 PCA loadings for Figure 6.5 and Figure 6.6, excluding V₂O₅.

6.8 PCA loadings for Figure 6.7 and Figure 6.8, excluding MnO and V₂O₅.

6.9 PCA loadings for Figure 6.9 and Figure 6.10, excluding P₂O₅ and V₂O₅.

6.10 PCA loadings for Figure 6.11 and Figure 6.12, excluding SO₃ and V₂O₅.

6.11 PCA loadings for Figure 6.13 and Figure 6.14 of the An Sơn ceramic samples, Trench 1 square C1.

6.12 Samples in the PCA groupings in Figure 6.14 of the An Sơn ceramic samples, Trench 1 square C1.

6.13 Samples in the hierarchical cluster analysis dendrogram groupings in Figure 6.15 of the An Sơn ceramic samples, Trench 1 square C1 when cut at 0.825 and 0.950.

6.14 CVA loadings for Figure 6.16 and Figure 6.17 of rim forms and vessel components of the An Sơn ceramic samples, Trench 1 square C1.

6.15 CVA loadings for Figure 6.18 and Figure 6.19 of layers of the An Sơn ceramic samples, Trench 1 square C1.

6.16 CVA loadings for Figure 6.20 and Figure 6.21 of tempers of the An Sơn ceramic samples, Trench 1 square C1.

6.17 PCA loadings for Figure 6.22 and Figure 6.23 of the An Sơn ceramic sample. First three dimensions.

6.18 PCA loadings for Figure 6.25 and Figure 6.26 of the An Sơn ceramic sample, excluding samples 43, 60 and 61.

6.19 Samples in the PCA groupings in Figure 6.26 of the An Sơn ceramic sample, excluding samples 43, 60 and 61.
6.20 Samples in the hierarchical cluster analysis dendrogram groupings in Figure 6.27 of the An Sŏn ceramic sample, excluding samples 43, 60 and 61, when cut at 0.875 and 0.950.

6.21 CVA loadings for Figure 6.28 and Figure 6.29 of the An Sŏn rim forms and vessel components.

6.22 CVA loadings for Figure 6.30 and Figure 6.31 of the An Sŏn layers.

6.23 CVA loadings for Figure 6.32 and Figure 6.33 of the An Sŏn tempers.

6.24 PCA loadings for Figure 6.34 and Figure 6.35 of the An Sŏn rim forms and vessel components, rim forms A2a, B1b, C1b, D1a, D1b and D2a.

6.25 Samples in the PCA groupings in Figure 6.35 of the An Sŏn rim forms and vessel components, rim forms A2a, B1b, C1b, D1a, D1b and D2a.

6.26 Samples in the hierarchical cluster analysis dendrogram groupings in Figure 6.36 of the An Sŏn rim forms and vessel components, rim forms A2a, B1b, C1b, D1a, D1b and D2a when cut at 0.80 and 0.925.

6.27 CVA loadings for Figure 6.37 and Figure 6.38 of the An Sŏn rim forms and vessel components, rim forms A2a, B1b, C1b, D1a, D1b and D2a.

6.28 CVA loadings for Figure 6.39 and Figure 6.40 of the An Sŏn rim forms and vessel components, clays and other site samples.

6.29 PCA loadings for Figure 6.41 and Figure 6.42 of the An Sŏn ceramic sample, clays and other site samples.

6.30 Samples in the PCA groupings in Figure 6.42 of the An Sŏn ceramic sample, clays and other site samples.

6.31 Samples in the hierarchical cluster analysis dendrogram groupings in Figure 6.43 of the An Sŏn ceramic sample, clays and other site samples when cut at 0.950 and 0.9875.

6.32 CVA loadings for Figure 6.44 of the An Sŏn ceramic samples, clays and other site samples.

6.33 CVA loadings for Figure 6.45 and Figure 6.46 of the An Sŏn ceramic samples, clays and other site samples.

6.34 CVA loadings for Figure 6.47 and Figure 6.48 of the An Sŏn ceramic samples, clays and other site samples.

6.35 CVA loadings for Figure 6.49 and Figure 6.50 of the An Sŏn ceramic samples, clays and other site samples.

6.36 The averaged and normalised chemical composition of each CPCRU group.

7.1 PCA loadings for Figure 7.2 of class A1 dimensional variables.

7.2 Number of samples in the hierarchical cluster analysis dendrogram groupings by rim form in Figure 7.3 of class A1 dimensional variables when cut at 0.925.

7.3 CVA loadings for Figure 7.4 of class A1 dimensional variables.

7.4 PCA loadings for Figure 7.7 of class A2 dimensional variables.

7.5 Number of samples in the hierarchical cluster analysis dendrogram groupings by rim form in Figure 7.8 of class A2 dimensional variables when cut at 0.925.

7.6 CVA loadings for Figure 7.9 of class A2 dimensional variables.

7.7 PCA loadings for Figure 7.12 of class B dimensional variables.
7.8 Number of sherds in the hierarchical cluster analysis dendrogram groupings by rim form in Figure 7.13 of class B dimensional variables when cut at 0.90. 253
7.9 CVA loadings for Figure 7.14 of class B dimensional variables. 254
7.10 PCA loadings for Figure 7.17 of class C dimensional variables. 257
7.11 Number of samples in the hierarchical cluster analysis dendrogram groupings by rim form in Figure 7.18 of class C dimensional variables when cut at 0.90. 258
7.12 CVA loadings for Figure 7.19 of class C dimensional variables. 259
7.13 PCA loadings for Figure 7.22 of class D dimensional variables. 262
7.14 Number of sherds in the hierarchical cluster analysis dendrogram groupings by rim form in Figure 7.23 of class D dimensional variables when cut at 0.90. 263
7.15 CVA loadings for Figure 7.24 of class D dimensional variables. 264
7.16 Number of variables with CV values 0–60% for each rim form in the class E sample. 266
7.17 PCA loadings for Figure 7.27 of form A2a dimensional variables. 267
7.18a Number of samples in the hierarchical cluster analysis dendrogram groupings by layer/provenance in Figure 7.28 of form A2a dimensional variables when cut at 0.90: 2009 Trench 1. 269
7.18b Number of samples in the hierarchical cluster analysis dendrogram groupings by layer/provenance in Figure 7.28 of form A2a dimensional variables when cut at 0.90: 2009 Trench 2. 269
7.19 CVA loadings for Figure 7.29 of form A2a dimensional variables. 270
7.20 PCA loadings for Figure 7.36 of form A2a clay matrix composition. 279
7.21 PCA loadings for Figure 7.37 of form B1a dimensional variables. 280
7.22 Number of samples in the hierarchical cluster analysis dendrogram groupings by layer/provenance in Figure 7.38 of form B1a dimensional variables when cut at 0.90. 281
7.23 CVA loadings for Figure 7.39 of form B1a dimensional variables. 282
7.24 PCA loadings for Figure 7.42 of form B1a clay matrix composition. 285
7.25 PCA loadings for Figure 7.43 of form C1b dimensional variables. 287
7.26 Number of samples in the hierarchical cluster analysis dendrogram groupings by layer/provenance in Figure 7.44 of form C1b dimensional variables when cut at 0.90. 288
7.27 CVA loadings for Figure 7.45 of form C1b dimensional variables. 289
7.28 PCA loadings for Figure 7.48 of form C1b clay matrix composition. 292
7.29 PCA loadings for Figure 7.49 of form D1a dimensional variables. 294
7.30 Number of samples in the hierarchical cluster analysis dendrogram groupings by layer/provenance in Figure 7.50 of form D1a dimensional variables when cut at 0.90. 295
7.31 CVA loadings for Figure 7.51 of form D1a dimensional variables. 296
7.32 PCA loadings for Figure 7.54 of form D1a clay matrix composition. 299
7.33 Relative level of standardisation for each rim form, based on all statistical methods presented in Chapter 7. 304
7.34 The presence of dimensional variables with standardised level, household level and lowest level of standardisation in each rim form. 307

8.1 The material culture contents of the neolithic layers at Bến Đô. 312
8.2 The material culture contents of the neolithic layers at Bình Đa. 313
8.3 The material culture contents of the neolithic layers at Cái Văn. 315
8.4 The material culture contents of the neolithic layers at Cầu Sắt. 316
8.5 The material culture contents of the neolithic layers at Cù Lao Ràu. 317
8.6 The material culture contents of the neolithic layers at Đa Kai. 319
8.7 The material culture contents of the neolithic layers at Đình Ông. 321
8.8 The material culture contents of the neolithic layers at Lộc Giang. 322
8.9 The material culture contents of the neolithic layers at Rạch Lá. 325
8.10 The material culture contents of the neolithic layers at Rạch Núi. 326
8.11 The material culture contents of the neolithic layers at Suố Lính. 328
8.12 Groups in Figure 8.11 and Figure 8.12 CA plots and the contributing variables. 333
9.1 The material culture contents of the neolithic occupation layers and spits (4:7 to 5:3; 5:3 is the base) at Ban Non Wat. 340
9.2 The material culture contents of the neolithic burials at Ban Non Wat. 341
9.3 The material culture contents of the possible neolithic occupation layers and burials at Ban Lum Khao. 344
9.4 The material culture contents of the possible neolithic burials and occupation layers at Non Nok Tha and Ban Chiang. 346
9.5 The material culture contents of the neolithic occupation layer at Tha Kae. 347
9.6 The material culture contents of the neolithic occupation layers and burials at Khok Charoen. 349
9.7 The material culture contents of the burials at Khok Phanom Di. 355
9.8 The material culture contents of the occupation layers at Khok Phanom Di. 356
9.9 The material culture contents of occupation phase 1 at Nong Nor. 359
9.10 The material culture contents of the possible neolithic occupation layers at Laang Spean. 361
9.11 The material culture contents of the possible neolithic occupation layers at Samrong Sen. 364
9.12 The material culture contents of the possible neolithic occupation layers at Krek. 365
9.13 The material culture contents of the neolithic occupation layers at Bàu Tró. 367
9.14 The material culture contents of the neolithic occupation layers and burials at Mán Bác. 369
9.15 The material culture contents of the occupation layers at Xóm Rền. 370
9.16 Groups in Figure 9.14 and Figure 9.15 CA plots and the contributing variables. 374
9.17 Table of comparative ceramic traits from the studied Southeast Asian sites in Chapter 9. 382

Note: All tables without sources are by the author, C. Sarjeant.