

SUPPLEMENTAL APPENDIX 1. PCA variable loadings onto the principal component axes. Variables and loadings with a score greater than 0.50 (absolute value) indicated in bold. Variables (Factor 1, Factor 2, Factor 3).—**1** (-0.149601, -0.021005, -0.135155); **2** (-**0.879834**, 0.232262, -0.038861); **3** (0.155403, -0.376258, -0.411751); **4** (-0.457499, -0.207714, 0.182792); **5** (-**0.777109**, -0.160167, -0.220698); **6** (-0.419419, -0.135073, 0.222256); **7** (-0.206482, 0.378136, -0.153390); **8** (-0.266235, 0.354766, 0.033593); **9** (-0.486720, -0.419835, 0.038073); **10** (-**0.696645**, 0.207948, -0.453985); **11** (-**0.875506**, 0.192261, -0.153143); **12** (-**0.883751**, 0.183958, -0.169666); **13** (-0.168224, 0.049462, 0.426400); **14** (-**0.625270**, -**0.524849**, -0.065188); **15** (-**0.824097**, -0.148810, -0.094406); **16** (-**0.902817**, 0.144068, 0.108408); **17** (-**0.866993**, 0.247908, -0.066075); **18** (-**0.548358**; 0.025590, 0.281980); **19** (-**0.777962**, -0.004011, 0.250092); **20** (-**0.761081**, -0.014657, -0.067231); **21** (-0.217759, -**0.736325**, -0.054518); **22** (0.443916; -**0.514368**; 0.084326); **23** (-0.247073, -**0.665245**, 0.081543); **24** (-0.465217, -0.073624, 0.421667); **25** (-0.382303, -0.130487, 0.304242); **26** (-0.317717, -**0.714395**, -0.215074); **27** (0.025960, -**0.737011**, -0.254312); **28** (-0.386692, -0.486626, -0.137935); **29** (-0.012786, -**0.618830**, -0.085557); **30** (-0.488947, -**0.528606**, -0.136548); **31** (-0.404483, -**0.562260**, -0.144356); **32** (0.348777, -**0.740106**, 0.071253); **33** (-**0.735603**, -0.033363, 0.039141); **34** (-0.045753, -0.456325, -0.259422); **35** (-0.170256, -0.391278, -0.363012); **36** (-0.188553, -0.089436, -**0.523176**); **37** (-**0.530126**, -0.024211, 0.349432); **38** (-0.188968, -0.057524, -0.383654); **39** (-0.127440, **0.552011**, -0.466075); **40** (-0.232888, 0.381820, 0.082666); **41** (0.179460, -0.201428, 0.499211); **42** (0.034295, -0.052070, 0.256748); **43** (-0.284100, 0.372475, -0.127812); **44** (-**0.572216**, 0.040315, 0.211210); **45** (-0.144491, 0.229124, -0.324333); **46** (0.430137, -0.143812, 0.010111); **47** (-0.173280, -0.134031,

0.080862); **48** (-0.030176, 0.132824, **-0.539228**); **49** (-0.100951, **0.500037**, -0.477553);
50 (**-0.776986**, 0.156563, 0.133768); **51** (**0.834753**, -0.232775, -0.173779); **52**
(**0.834088**, -0.223312, -0.201086); **53** (**-0.634621**, 0.216145, 0.022083).