

Table S1. NRI based callback key spatial region of PNS and PGS

Group	Position	NRI	RANK
PNS	22	2260.022201	1
PGS	22	2217.93973	2
PGS	14	1899.303243	3
PGS	24	1748.428185	4
PNS	24	1716.93436	5
PGS	29	1688.570309	6
PNS	8	1681.160871	7
PGS	3	1666.928342	8
PGS	12	1656.04263	9
PNS	27	1642.319352	10
PNS	20	1614.717118	11
PGS	2	1608.831687	12
PNS	19	1593.58712	13
PNS	11	1583.700569	14
PNS	13	1571.243226	15
PGS	9	1563.731977	16
PNS	10	1547.989838	17
PGS	21	1539.726129	18
PNS	14	1512.483339	19
PNS	3	1512.324881	20
PGS	18	1480.673708	21
PNS	5	1480.127083	22
PGS	10	1435.319047	23
PGS	20	1431.835201	24
PNS	21	1430.450294	25
PNS	1	1421.384747	26
PGS	8	1409.391315	27
PGS	26	1405.340433	28
PNS	17	1399.006019	29
PGS	5	1388.345098	30
PGS	31	1386.986678	31
PGS	11	1382.042813	32
PGS	27	1360.082296	33
PNS	12	1342.326554	34
PNS	28	1331.834655	35
PGS	4	1322.917567	36
PNS	9	1320.103423	37
PGS	7	1313.153691	38
PNS	31	1301.104652	39
PNS	30	1295.992025	40
PNS	26	1294.101684	41

PGS	6	1284.398028	42
PNS	29	1279.342078	43
PGS	19	1271.253683	44
PGS	30	1263.546577	45
PGS	16	1261.261397	46
PGS	28	1255.433077	47
PGS	32	1247.876163	48
PNS	2	1244.278632	49
PNS	23	1222.783271	50
PGS	1	1212.102814	51
PGS	17	1209.630371	52
PNS	4	1207.201965	53
PGS	13	1187.475919	54
PNS	16	1186.233707	55
PNS	6	1177.819727	56
PGS	23	1165.64441	57
PNS	15	1149.498471	58
PNS	18	1121.27949	59
PNS	25	1085.82401	60
PGS	15	1054.848511	61
PGS	25	1006.197393	62
PNS	7	987.2622347	63
PNS	32	941.2438535	64
