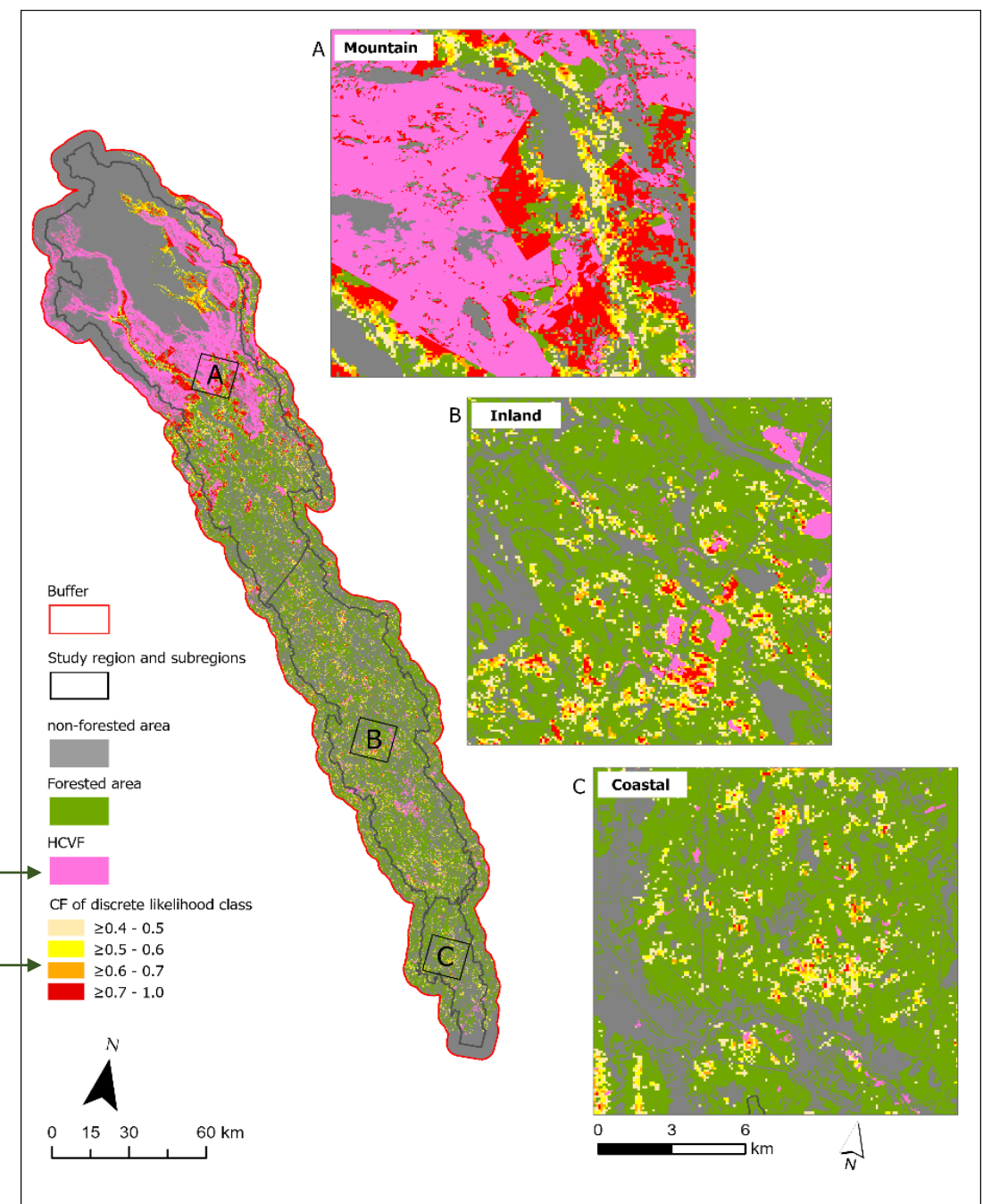
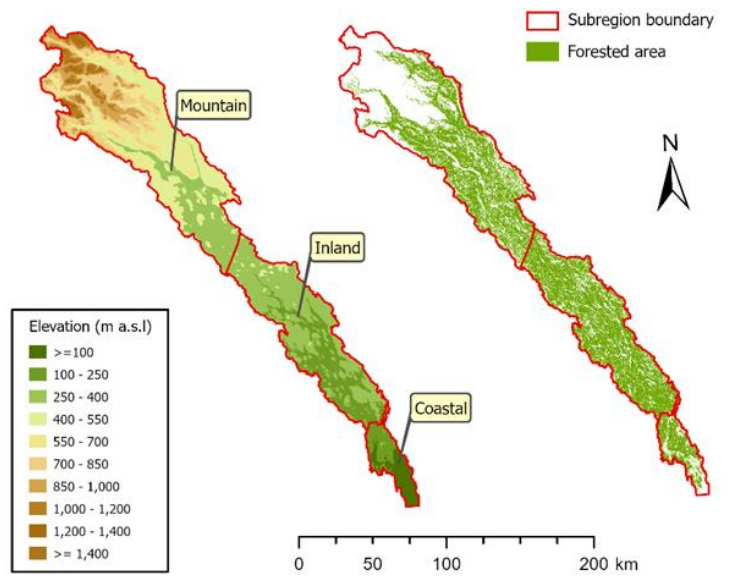


Bygga grön infrastruktur – var restaurera?

Wang 2023; Wang m.fl. in prep.



Skogliga värdekärnor

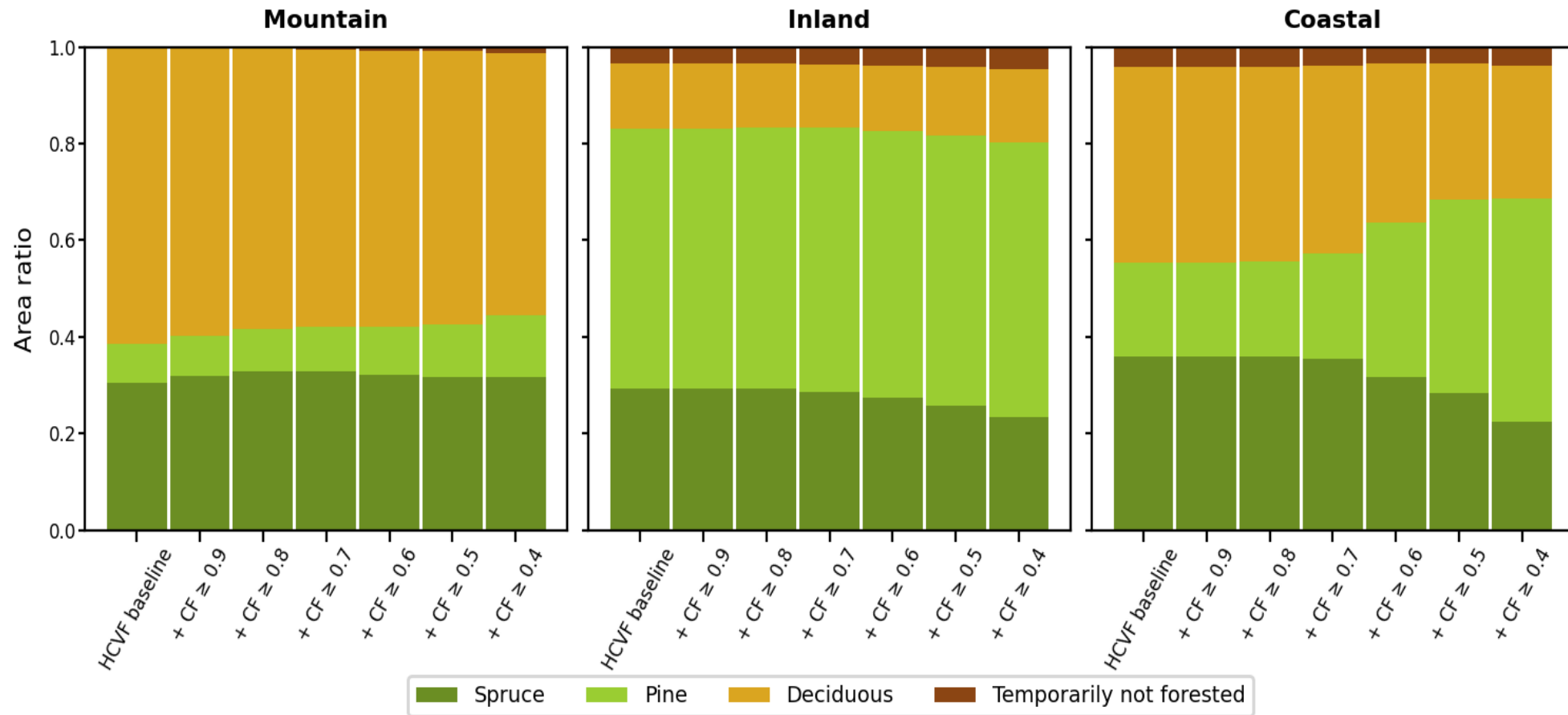
NVK Skog klasser / konnektivitetsskog

Restaurering behövs / kan behövas för att bli värdekärna

Arealer som kan komma i fråga

Forest type	CF-class	Area (ha)			Area (%)			Area increase (%)		
		Mountain	Inland	Coastal	Mountain	Inland	Coastal	Mountain	Inland	Coastal
All forest	CF ≥ 0.9	9 318	42	-	3	0	-	7	0	-
	CF ≥ 0.8	20 840	834	8	6	0	0	16	8	1
	CF ≥ 0.7	31 298	2 962	106	9	1	0	25	29	7
	CF ≥ 0.6	49 074	9 314	744	14	3	1	39	93	47
	CF ≥ 0.5	63 851	19 704	2 256	18	6	4	50	196	142
	CF ≥ 0.4	80 981	42 901	6 562	23	12	11	64	426	412
Spruce	CF ≥ 0.9	4 652	22	-	2	0	-	11	0	-
	CF ≥ 0.8	9 797	237	3	4	0	0	27	9	1
	CF ≥ 0.7	13 409	804	27	7	1	0	43	32	20
	CF ≥ 0.6	17 849	2 363	168	11	3	2	72	99	142
	CF ≥ 0.5	21 710	4 763	512	16	7	5	106	208	402
	CF ≥ 0.4	26 865	9 502	1 259	25	16	15	163	456	1 120
Pine	CF ≥ 0.9	1 074	15	-	5	0	-	12	1	-
	CF ≥ 0.8	2 761	483	3	11	1	0	25	8	0
	CF ≥ 0.7	4 372	1 753	62	16	2	0	35	27	5
	CF ≥ 0.6	7 313	5 365	436	21	5	3	46	80	29
	CF ≥ 0.5	10 792	11 274	1 237	25	11	9	56	162	89
	CF ≥ 0.4	16 576	24 700	3 449	31	22	21	69	322	219
Deciduous	CF ≥ 0.9	3 576	5	-	2	0	-	5	0	-
	CF ≥ 0.8	8 112	93	-	5	0	-	10	7	-
	CF ≥ 0.7	13 134	384	14	9	1	0	17	28	2
	CF ≥ 0.6	23 127	1 286	124	15	2	1	30	95	19
	CF ≥ 0.5	30 128	2 876	440	20	5	3	39	213	68
	CF ≥ 0.4	35 507	6 720	1 596	23	12	10	46	497	248

Trädslagsfördelning



Fjällnära:
Liten ökning av tall

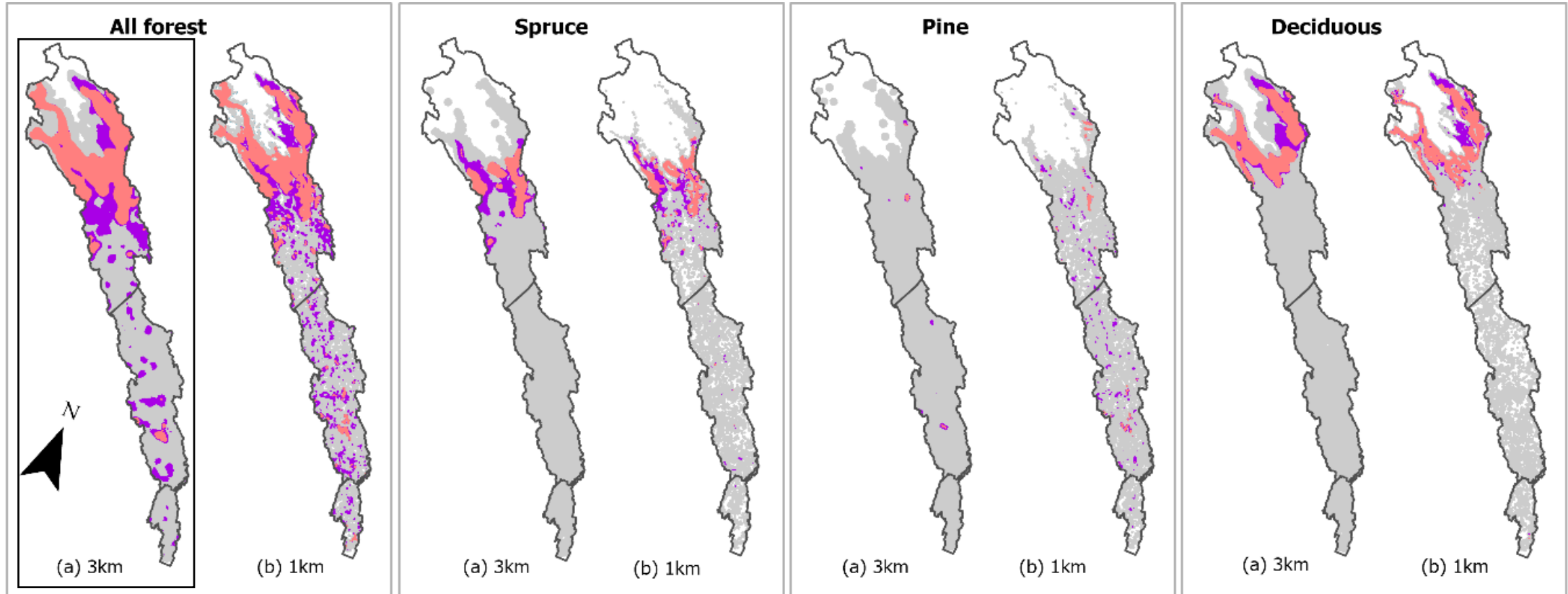
Inland:
Ingen tydlig förändring alls

Kusten:
Stor ökning av tall

Arealer som kan komma i fråga

Forest type	CF-class	Area (ha)			Area (%)			Area increase (%)		
		Mountain	Inland	Coastal	Mountain	Inland	Coastal	Mountain	Inland	Coastal
All forest	CF ≥ 0.9	9 318	42	-	3	0	-	7	0	-
	CF ≥ 0.8	20 840	834	8	6	0	0	16	8	1
	CF ≥ 0.7	31 298	2 962	106	9	1	0	25	29	7
	CF ≥ 0.6	49 074	9 314	744	14	3	1	39	93	47
	CF ≥ 0.5	63 851	19 704	2 256	18	6	4	50	196	142
	CF ≥ 0.4	80 981	42 901	6 562	23	12	11	64	426	412
Spruce	CF ≥ 0.9	4 652	22	-	2	0	-	11	0	-
	CF ≥ 0.8	9 797	237	3	4	0	0	27	9	1
	CF ≥ 0.7	13 409	804	27	7	1	0	43	32	20
	CF ≥ 0.6	17 849	2 363	168	11	3	2	72	99	142
	CF ≥ 0.5	21 710	4 763	512	16	7	5	106	208	402
	CF ≥ 0.4	26 865	9 502	1 259	25	16	15	163	456	1 120
Pine	CF ≥ 0.9	1 074	15	-	5	0	-	12	1	-
	CF ≥ 0.8	2 761	483	3	11	1	0	25	8	0
	CF ≥ 0.7	4 372	1 753	62	16	2	0	35	27	5
	CF ≥ 0.6	7 313	5 365	436	21	5	3	46	80	29
	CF ≥ 0.5	10 792	11 274	1 237	25	11	9	56	162	89
	CF ≥ 0.4	16 576	24 700	3 449	31	22	21	69	322	219
Deciduous	CF ≥ 0.9	3 576	5	-	2	0	-	5	0	-
	CF ≥ 0.8	8 112	93	-	5	0	-	10	7	-
	CF ≥ 0.7	13 134	384	14	9	1	0	17	28	2
	CF ≥ 0.6	23 127	1 286	124	15	2	1	30	95	19
	CF ≥ 0.5	30 128	2 876	440	20	5	3	39	213	68
	CF ≥ 0.4	35 507	6 720	1 596	23	12	10	46	497	248

Var restaurera vad?



Study region and subregions
(blank areas: GI-density = 0)

GI-density >0 ~ 20%


GI-density ≥ 20% by HCVF

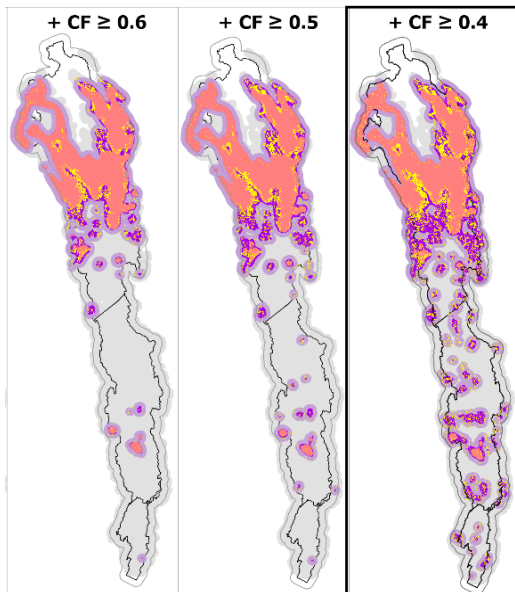
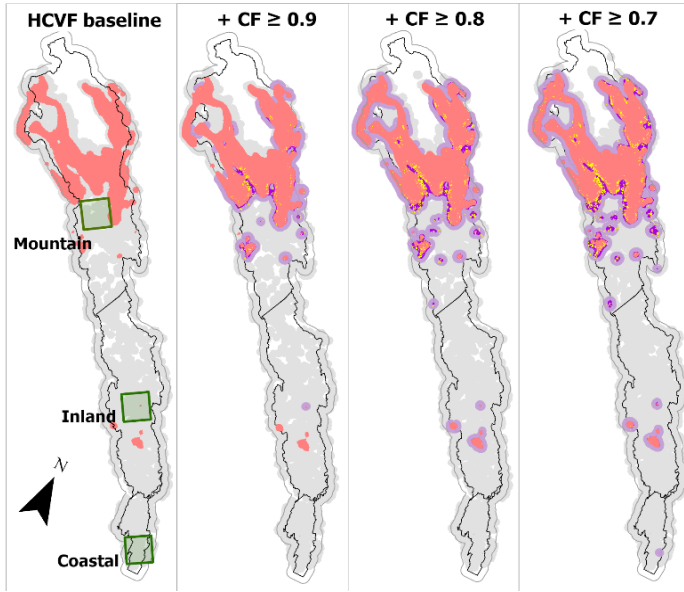
GI-density ≥ 20% by CF

Skogliga värdekärnor ≥20% täthet

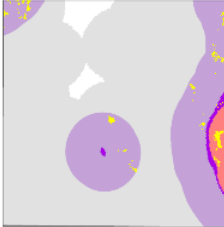
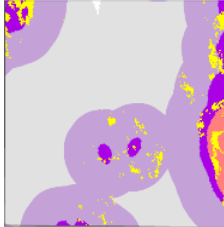
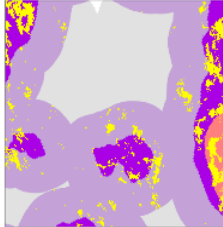
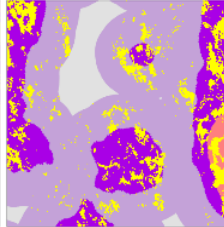
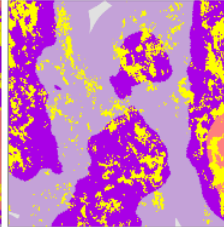
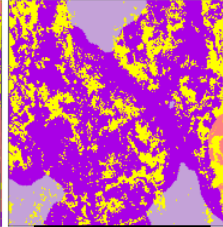
Sannolikheter ≥0,4 med ≥ 20% täthet

Täthetsanalys med 3 respektive 1 km "moving window"

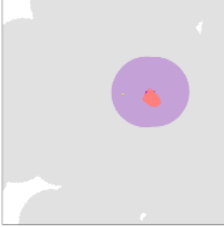
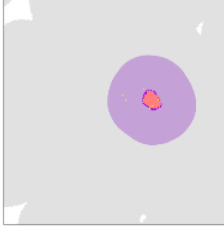
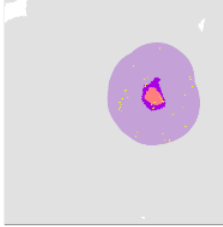
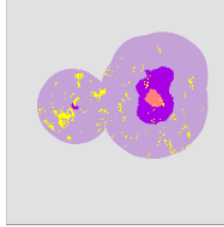
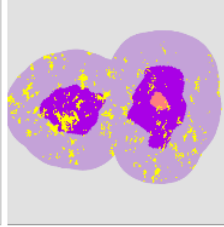
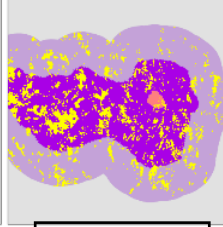
”Hotspots” för restaurering  (all skog, 3 km buffert runt värdekärnor $\geq 20\%$ täthet)



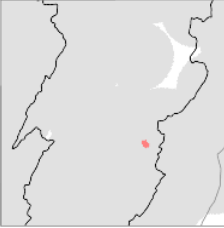
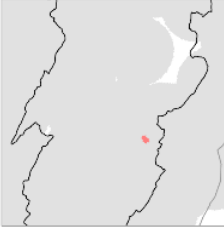
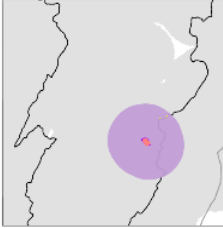
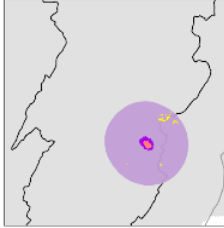
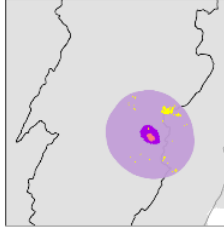
Mountain

						
NoPa:	1028	2081	3244	4671	5615	10649
TAr (ha):	8502.0	21169.0	33680.0	57559.0	77792.0	113174.0
AAr (ha):	8.3 \pm 42.9	10.2 \pm 61.5	10.4 \pm 66.1	12.3 \pm 104.2	13.9 \pm 139.6	10.6 \pm 158.0
MiAr (ha):	1.0	1.0	1	1.0	1.0	1.0
MaAr (ha):	1131.0	1971.0	2182.0	3583.0	6034.0	10403.0

Inland

						
NoPa:	1	30	126	404	1142	5074
TAr (ha):	1.0	68.0	285.0	1473.0	6312.0	39227.0
AAr (ha):	-	2.3 \pm 3.1	2.3 \pm 3.3	3.6 \pm 7.7	5.5 \pm 15.4	7.7 \pm 24.7
MiAr (ha):	-	1	1.0	1.0	1.0	1.0
MaAr (ha):	-	16.0	27.0	111.0	354.0	737.0

Coastal

					
NoPa:	-	3	7	67	1045
TAr (ha):	-	3.0	35.0	295.0	7328.0
AAr (ha):	-	1.0 \pm 0.0	5.0 \pm 7.0	4.4 \pm 8.3	7.0 \pm 23.5
MiAr (ha):	-	1.0	1.0	1.0	1.0
MaAr (ha):	-	1.0	20.0	53.0	346.0