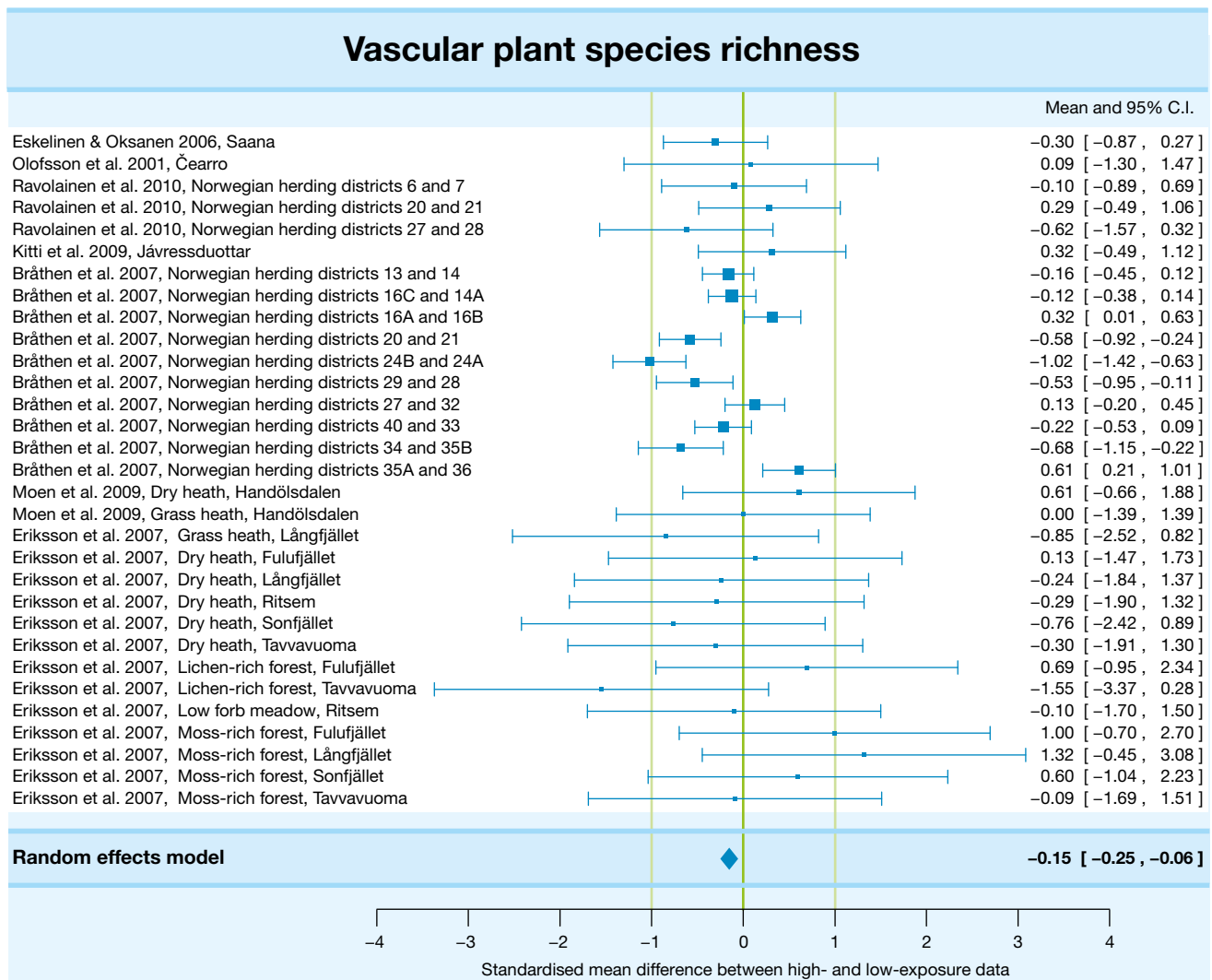


Additional file 7. Forest plots, species richness.



Non-vascular cryptogam species richness

Lichens

Olofsson et al. 2001, Siččajávri		-0.70 [-1.78 , 0.38]
Olofsson et al. 2001, Lagisduoddar		-5.77 [-8.92 , -2.62]
Eskelinen & Oksanen 2006, Saana		-0.82 [-1.41 , -0.23]

Lichens: random effects model		-2.14 [-5.39 , 1.10]
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Cryptogams, non-vascular

Eriksson et al. 2007, Moss-rich forest, Tavvavuoma		0.23 [-1.37 , 1.84]
Eriksson et al. 2007, Moss-rich forest, Sonfjället		-0.33 [-1.94 , 1.28]
Eriksson et al. 2007, Moss-rich forest, Långfjället		-0.12 [-1.73 , 1.48]
Eriksson et al. 2007, Moss-rich forest, Fulufjället		0.58 [-1.05 , 2.21]
Eriksson et al. 2007, Low forb meadow, Ritsem		1.26 [-0.49 , 3.01]
Eriksson et al. 2007, Lichen-rich forest, Tavvavuoma		1.19 [-0.55 , 2.92]
Eriksson et al. 2007, Lichen-rich forest, Fulufjället		-3.17 [-5.58 , -0.77]
Eriksson et al. 2007, Dry heath, Tavvavuoma		-1.27 [-3.02 , 0.48]
Eriksson et al. 2007, Dry heath, Sonfjället		-1.23 [-2.98 , 0.51]
Eriksson et al. 2007, Dry heath, Ritsem		0.81 [-0.85 , 2.48]
Eriksson et al. 2007, Dry heath, Långfjället		-0.29 [-1.90 , 1.32]
Eriksson et al. 2007, Dry heath, Fulufjället		-0.13 [-1.73 , 1.47]
Eriksson et al. 2007, Grass heath, Långfjället		-0.05 [-1.65 , 1.56]
Moen et al. 2009, Grass heath, Handölsdalen		1.25 [-0.26 , 2.77]
Moen et al. 2009, Dry heath, Handölsdalen		-1.05 [-2.37 , 0.27]

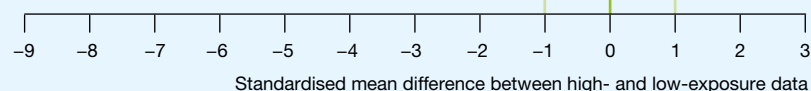
Cryptogams, non-vascular: random effects model		-0.09 [-0.68 , 0.51]
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Bryophytes

Olofsson et al. 2001, Siččajávri		1.24 [0.09 , 2.38]
Olofsson et al. 2001, Lagisduoddar		-1.02 [-2.49 , 0.46]
Olofsson et al. 2001, Raisduoddar		0.54 [-0.87 , 1.95]
Eskelinen & Oksanen 2006, Saana		-1.58 [-2.23 , -0.93]

Bryophytes: random effects model		-0.25 [-1.53 , 1.03]
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Overall random effects model		-0.35 [-1.02 , 0.31]
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See Additional file 5 for full citations of included articles.