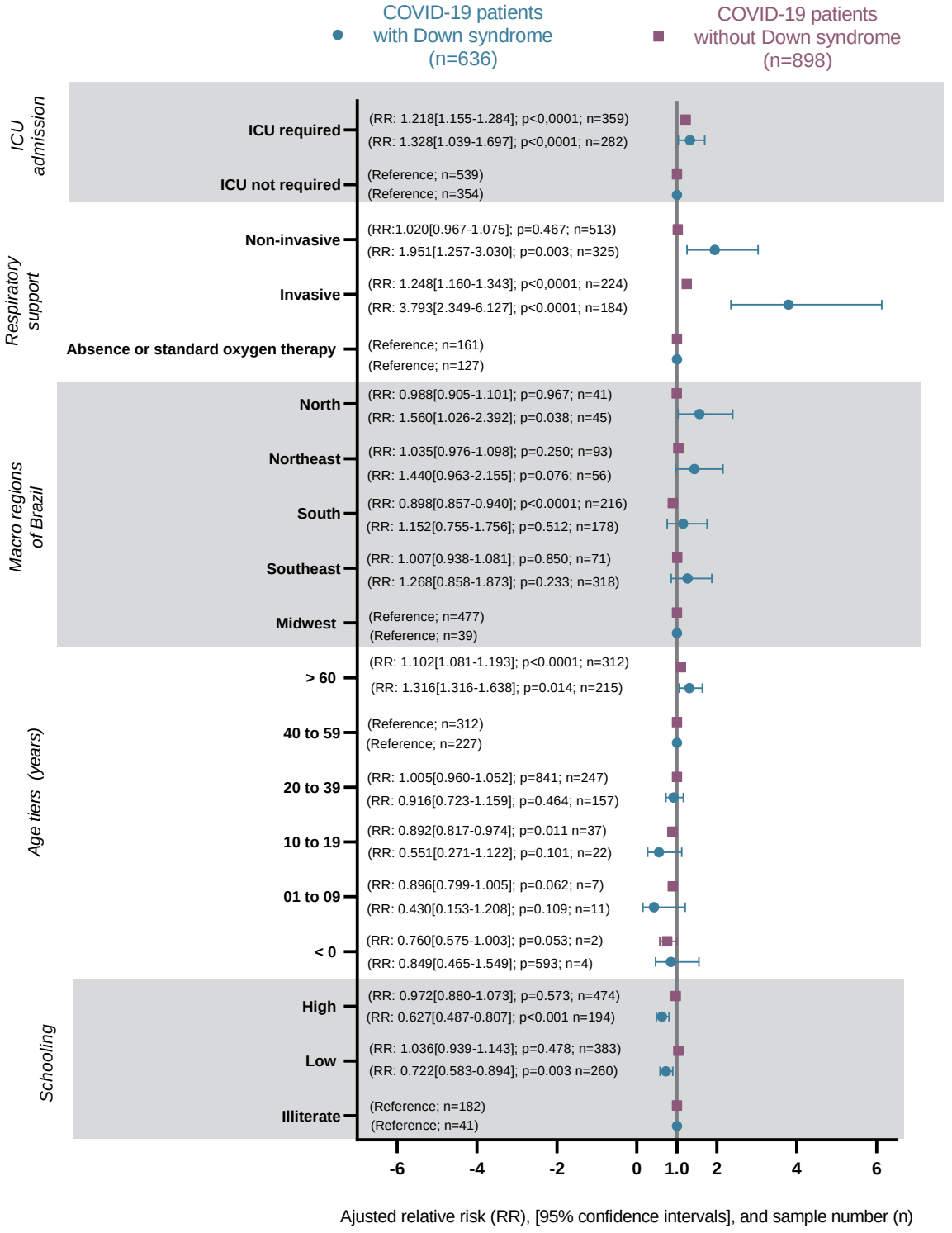
COVID-19 patients with Down syndrome (n=636)
COVID-19 patients without Down syndrome (n=898)
ICU admission
ICU required
(RR: 1.218[1.155-1.284]; p<0,0001; n=359)
(RR: 1.328[1.039-1.697]; p<0,0001; n=282)
ICU not required
(Reference; n=539)
(Reference; n=354)
Respiratory support
Non-invasive
(RR:1.020[0.967-1.075]; p=0.467; n=513)
(RR: 1.951[1.257-3.030]; p=0.003; n=325)
Invasive
(RR: 1.248[1.160-1.343]; p<0,0001; n=224)
(RR: 3.793[2.349-6.127]; p<0.0001; n=184)
Absence or standard oxygen therapy
(Reference; n=161)
(Reference; n=127)
Macro regions of Brazil
North
(RR: 0.988[0.905-1.101]; p=0.967; n=41)
(RR: 1.560[1.026-2.392]; p=0.038; n=45)
Northeast
(RR: 1.035[0.976-1.098]; p=0.250; n=93)
(RR: 1.440[0.963-2.155]; p=0.076; n=56)
South
(RR: 0.898[0.857-0.940]; p<0.0001; n=216)
(RR: 1.152[0.755-1.756]; p=0.512; n=178)
Southeast
(RR: 1.007[0.938-1.081]; p=0.850; n=71)
(RR: 1.268[0.858-1.873]; p=0.233; n=318)
Midwest
(Reference; n=477)
(Reference; n=39)
Age tiers (years)
> 60
(RR: 1.102[1.081-1.193]; p<0.0001; n=312)
(RR: 1.316[1.316-1.638]; p=0.014; n=215)
40 to 59
(Reference; n=312)
(Reference; n=227)
20 to 39
(RR: 1.005[0.960-1.052]; p=841; n=247)
(RR: 0.916[0.723-1.159]; p=0.464; n=157)
10 to 19
(RR: 0.892[0.817-0.974]; p=0.011 n=37)
(RR: 0.551[0.271-1.122]; p=0.101; n=22)
01 to 09
(RR: 0.896[0.799-1.005]; p=0.062; n=7)
(RR: 0.430[0.153-1.208]; p=0.109; n=11)
< 0
(RR: 0.760[0.575-1.003]; p=0.053; n=2)
(RR: 0.849[0.465-1.549]; p=593; n=4)
Schooling
High
(RR: 0.972[0.880-1.073]; p=0.573; n=474)
(RR: 0.627[0.487-0.807]; p<0.001 n=194)
Low
(RR: 1.036[0.939-1.143]; p=0.478; n=383)
(RR: 0.722[0.583-0.894]; p=0.003 n=260)
Illiterate
(Reference; n=182)
(Reference; n=41)
-6
-4
-2
0
1.0
2
4
6
Ajusted relative risk (RR), [95% confidence intervals], and sample number (n)