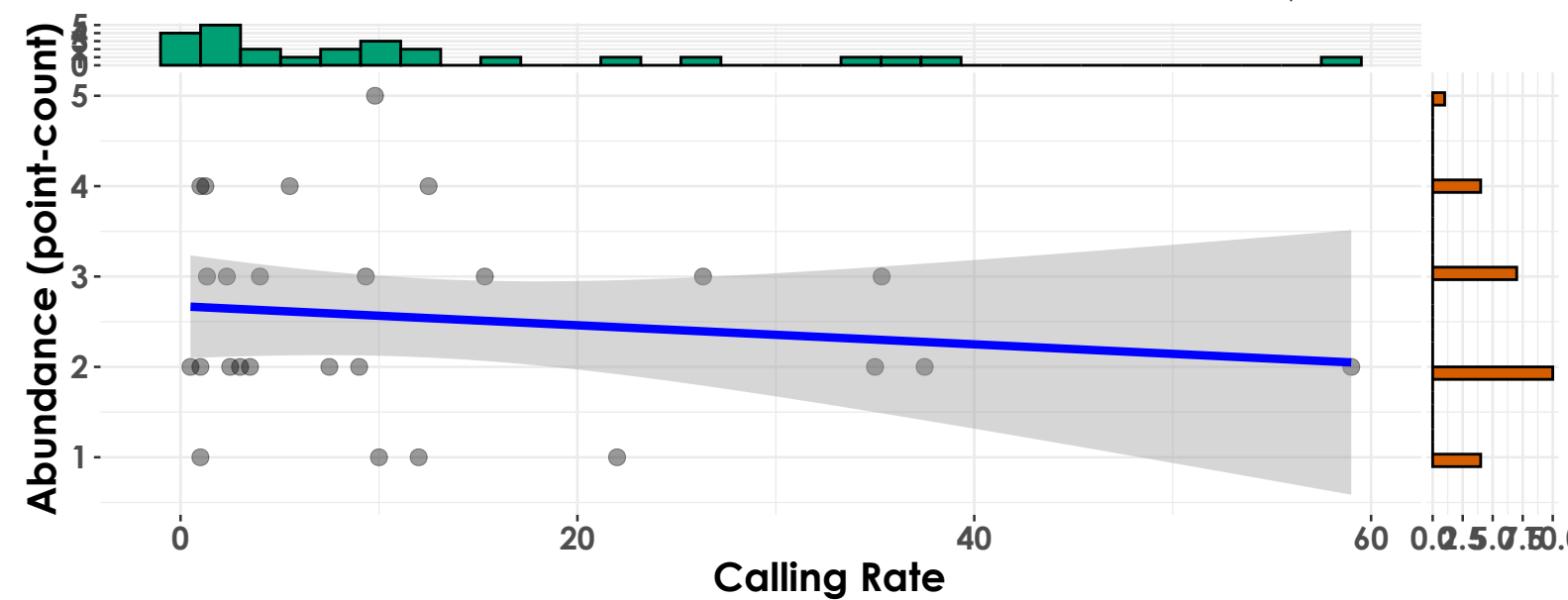# Black-throated Green Warbler
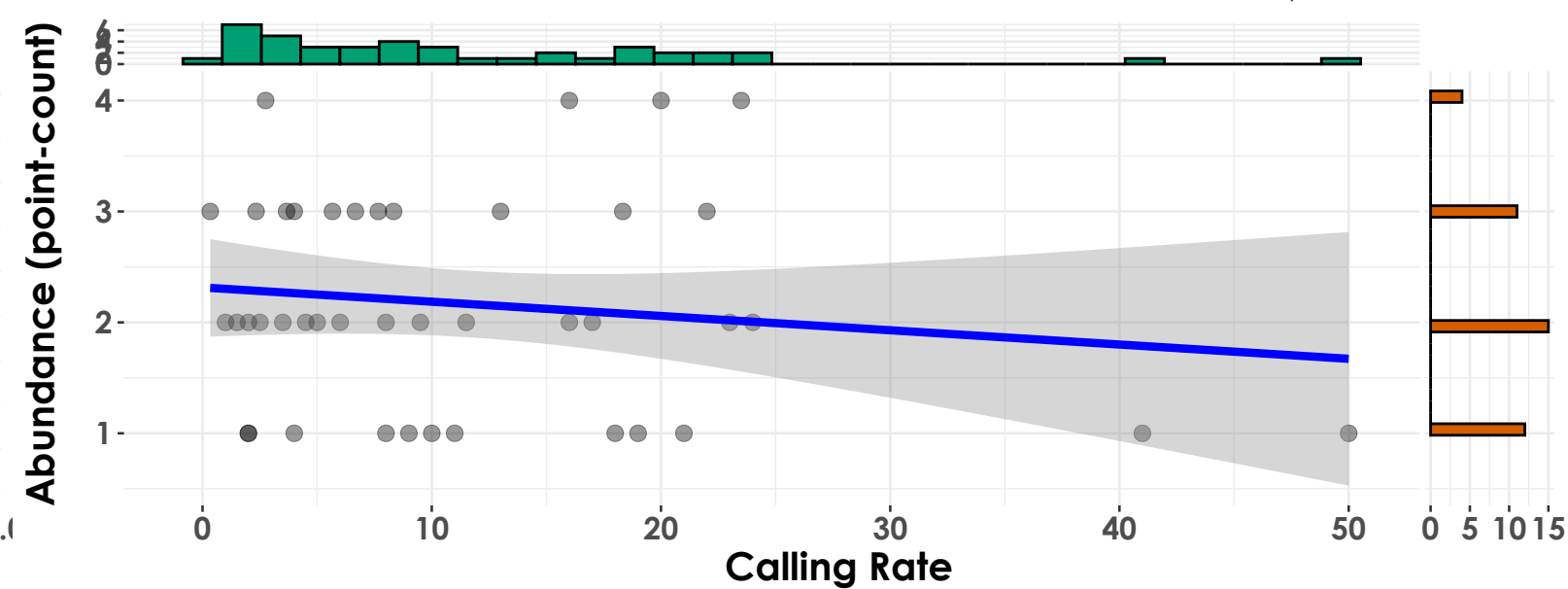

Acadia National Park - 2022
$t_{\text{Student}}(24) = -0.33$, $p = 0.74$, $\hat{r}_{\text{Winsorized}} = -0.07$, $\text{CI}_{95\%}$ [-0.44, 0.33], $n_{\text{pairs}} = 26$
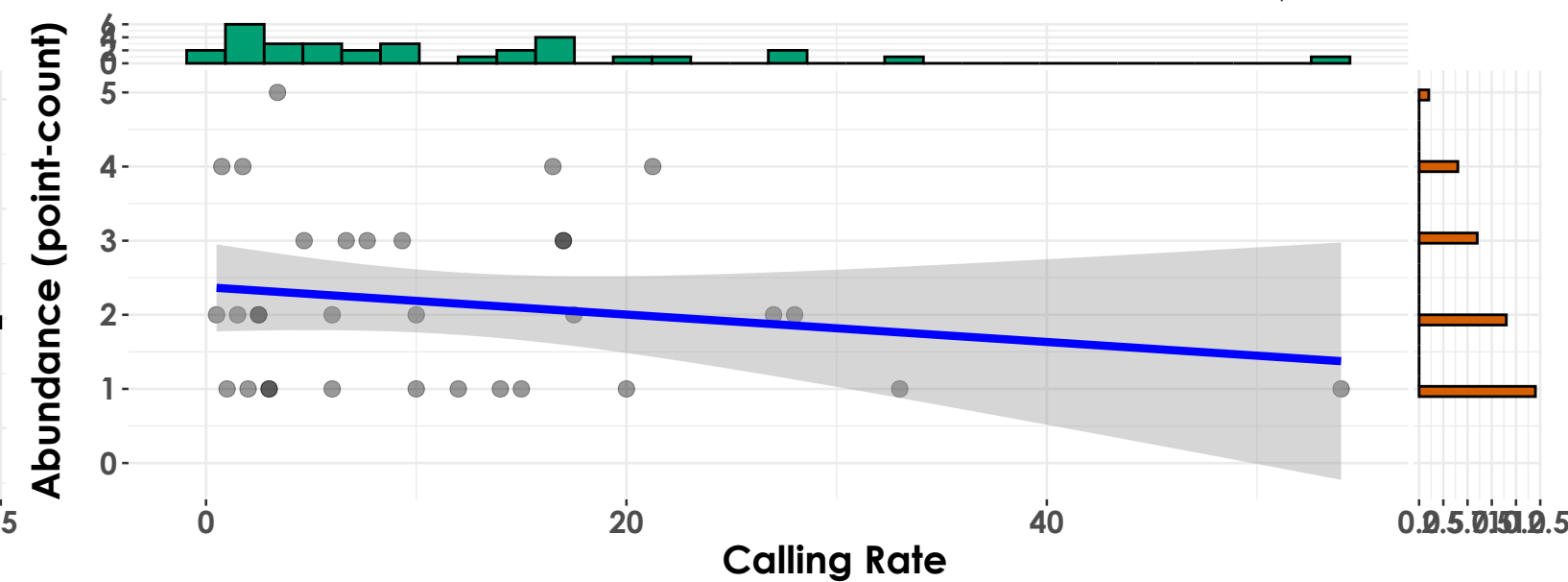
Acadia National Park - 2023
$t_{\text{Student}}(40) = -0.68$, $p = 0.50$, $\hat{r}_{\text{Winsorized}} = -0.11$, $\text{CI}_{95\%}$ [-0.40, 0.20], $n_{\text{pairs}} = 42$
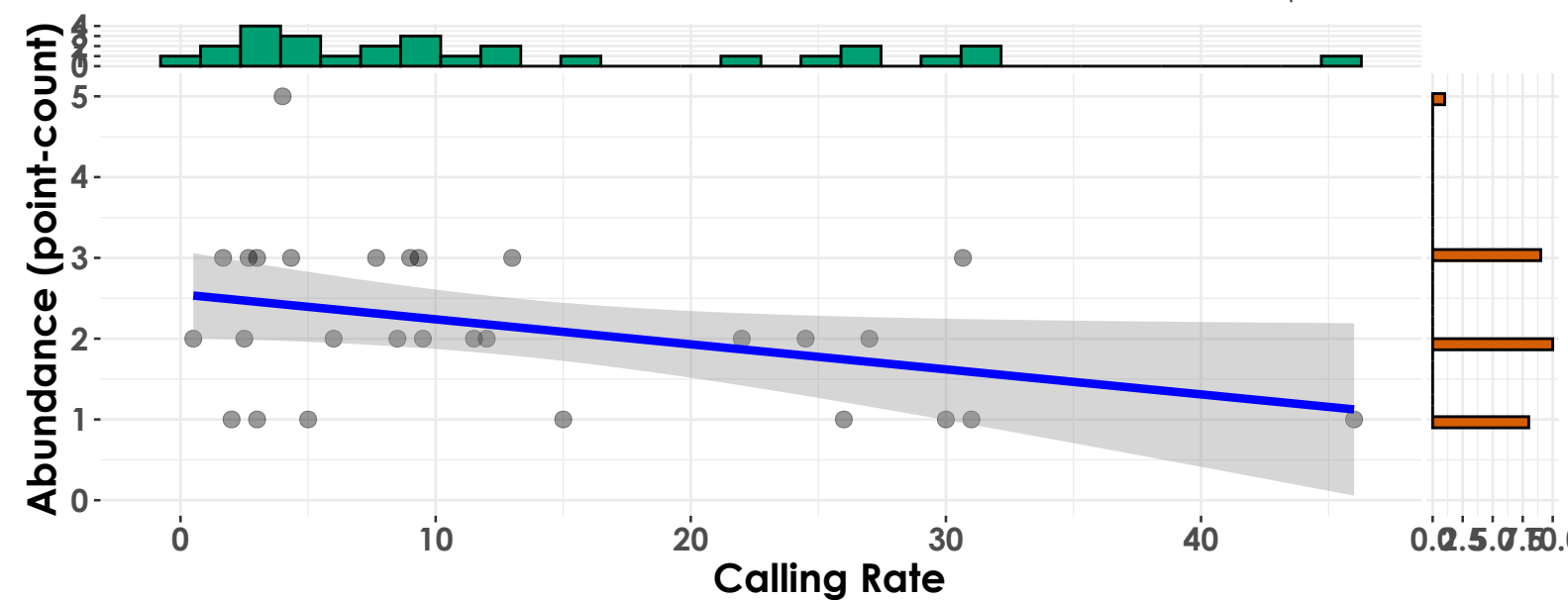
Hubbard Brook Experimental Forest - 2022
$t_{\text{Student}}(30) = -0.20$, $p = 0.84$, $\hat{r}_{\text{Winsorized}} = -0.04$, $\text{CI}_{95\%}$ [-0.38, 0.32], $n_{\text{pairs}} = 32$
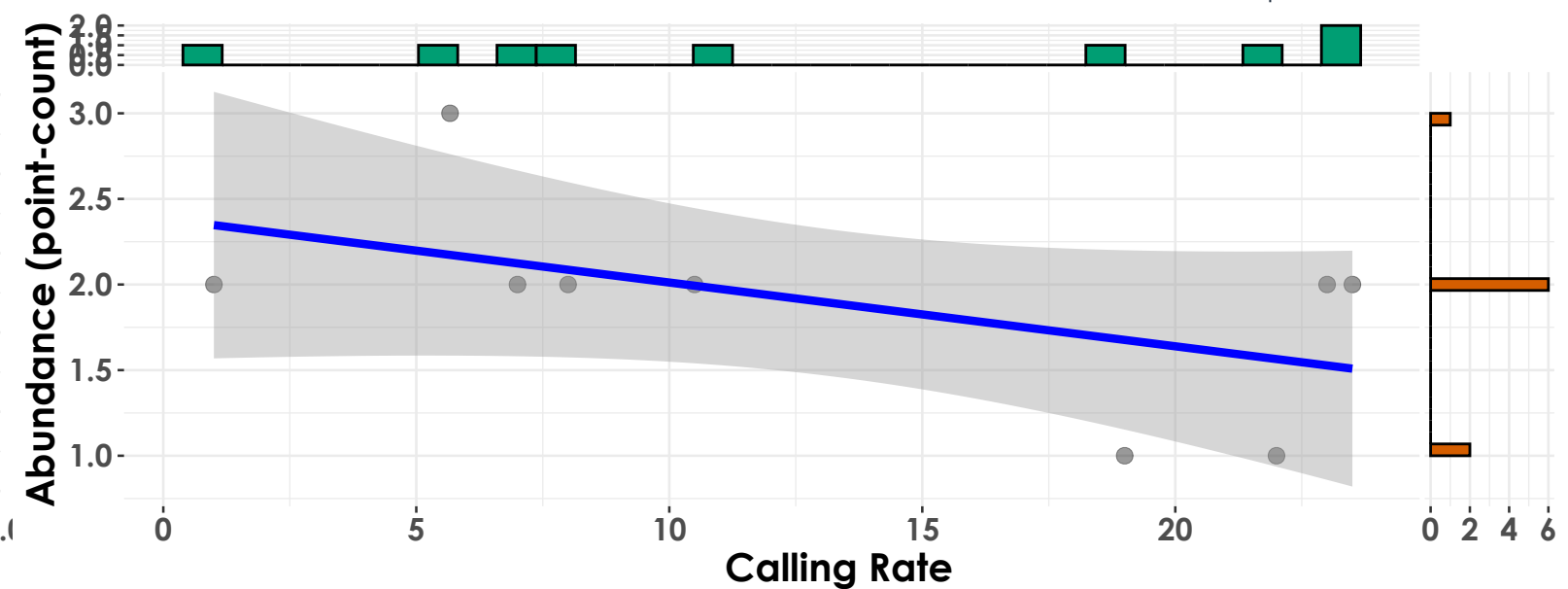
Hubbard Brook Experimental Forest - 2023
$t_{\text{Student}}(26) = -1.95$, $p = 0.06$, $\hat{r}_{\text{Winsorized}} = -0.36$, $\text{CI}_{95\%}$ [-0.64, 0.02], $n_{\text{pairs}} = 28$
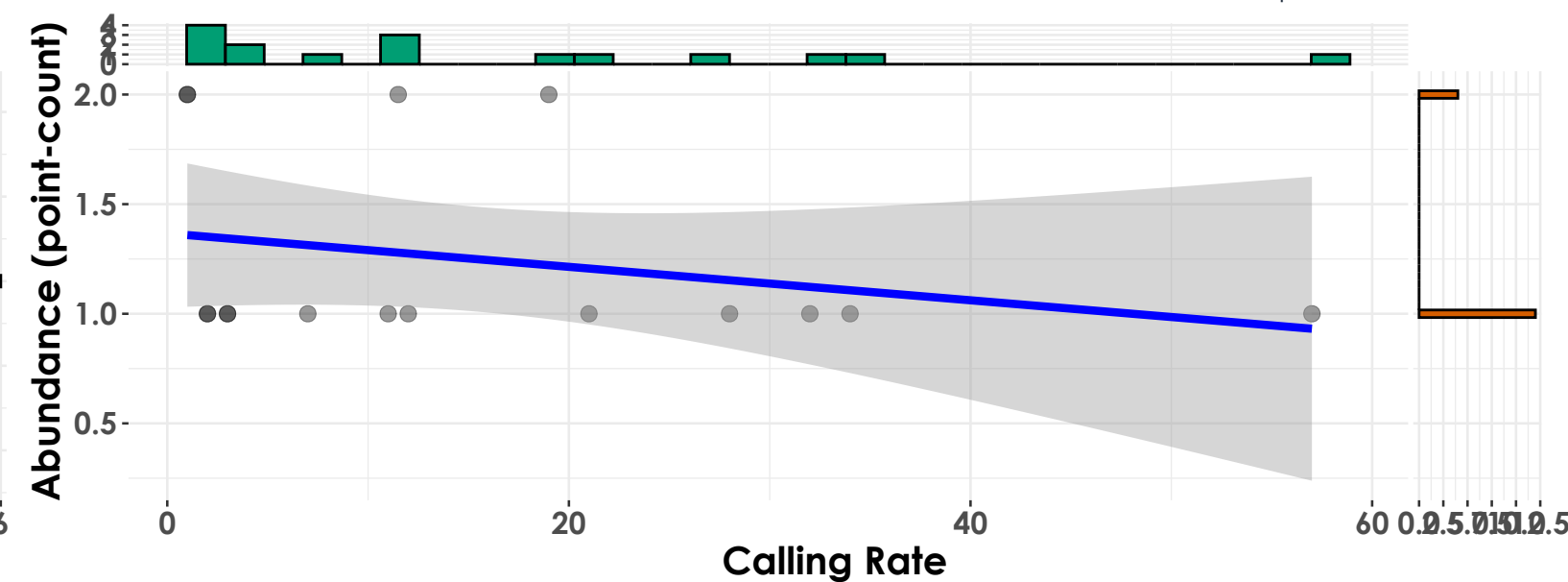
Kawishiwi Watershed - 2022
$t_{\text{Student}}(7) = -1.49$, $p = 0.18$, $\hat{r}_{\text{Winsorized}} = -0.49$, $\text{CI}_{95\%}$ [-0.87, 0.26], $n_{\text{pairs}} = 9$
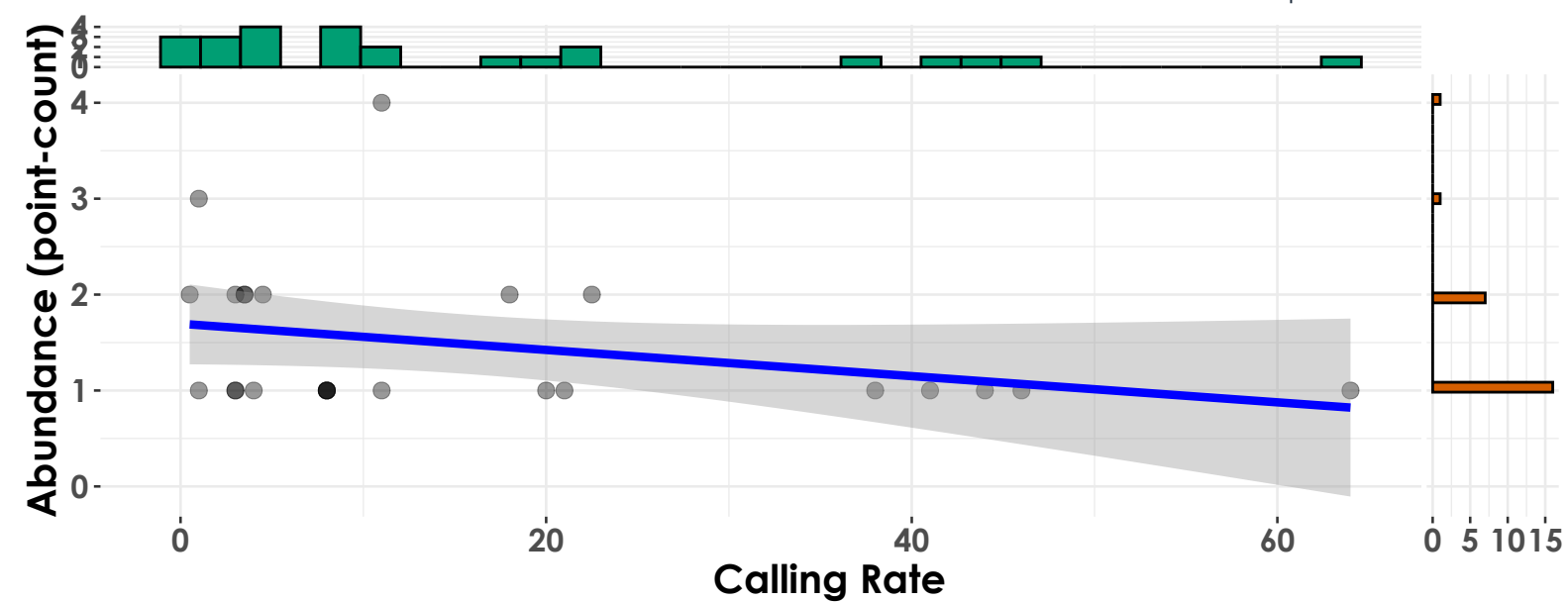
Kawishiwi Watershed - 2023
$t_{\text{Student}}(14) = -0.93$, $p = 0.37$, $\hat{r}_{\text{Winsorized}} = -0.24$, $\text{CI}_{95\%}$ [-0.66, 0.29], $n_{\text{pairs}} = 16$
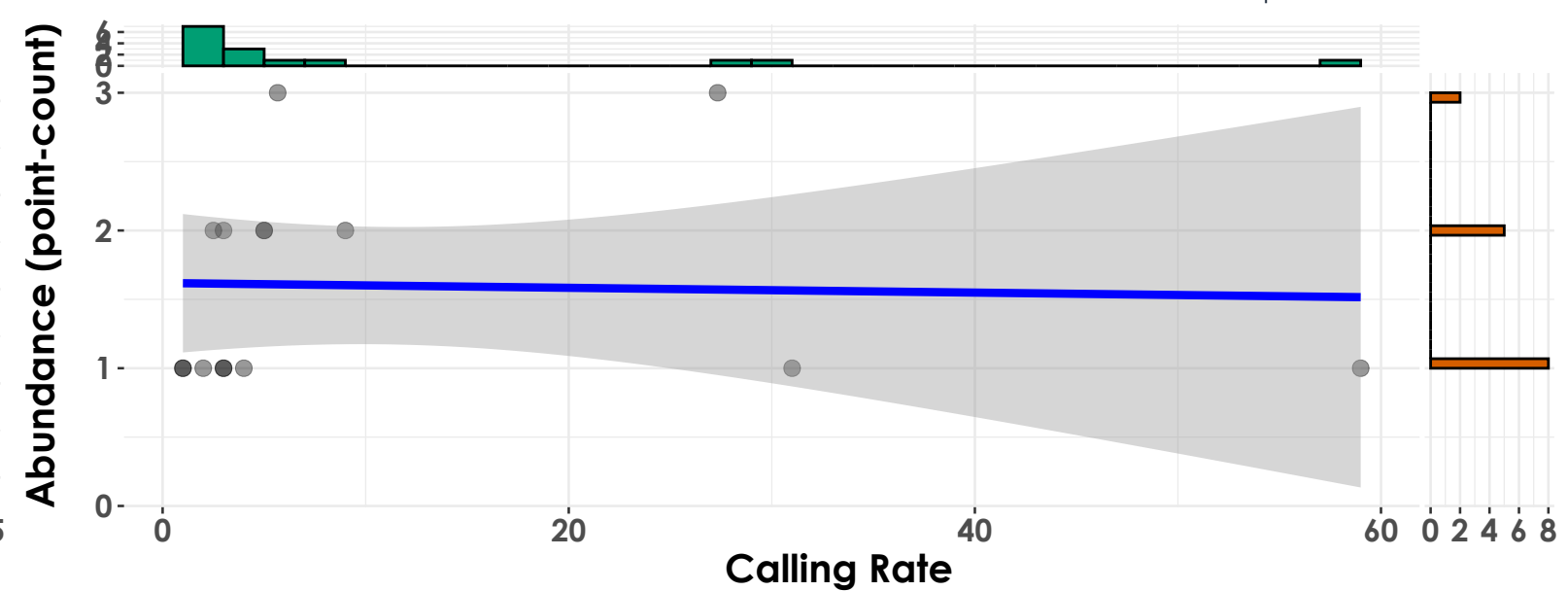
Marsh-Billings-Rockefeller NHP - 2022
$t_{\text{Student}}(23) = -1.52$, $p = 0.14$, $\hat{r}_{\text{Winsorized}} = -0.30$, $\text{CI}_{95\%}$ [-0.62, 0.11], $n_{\text{pairs}} = 25$
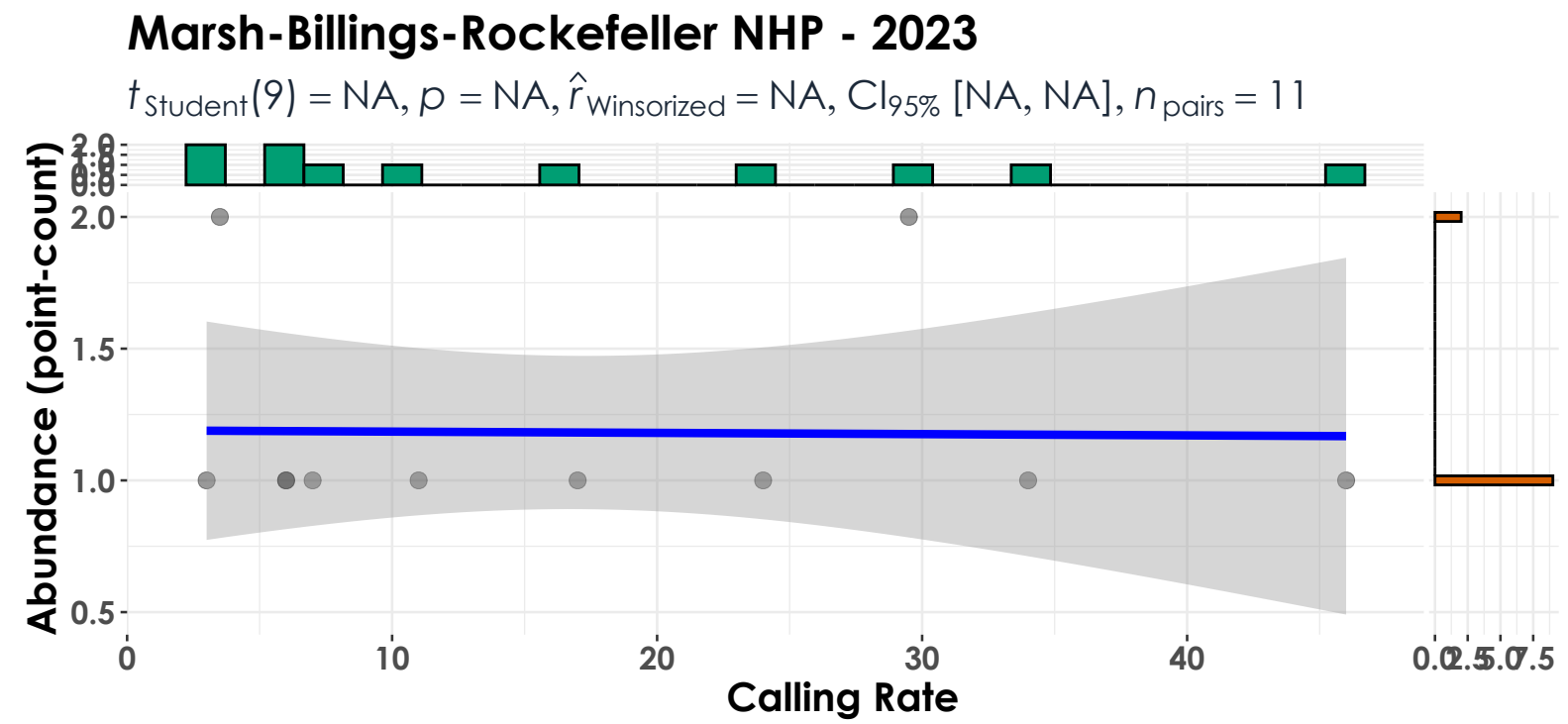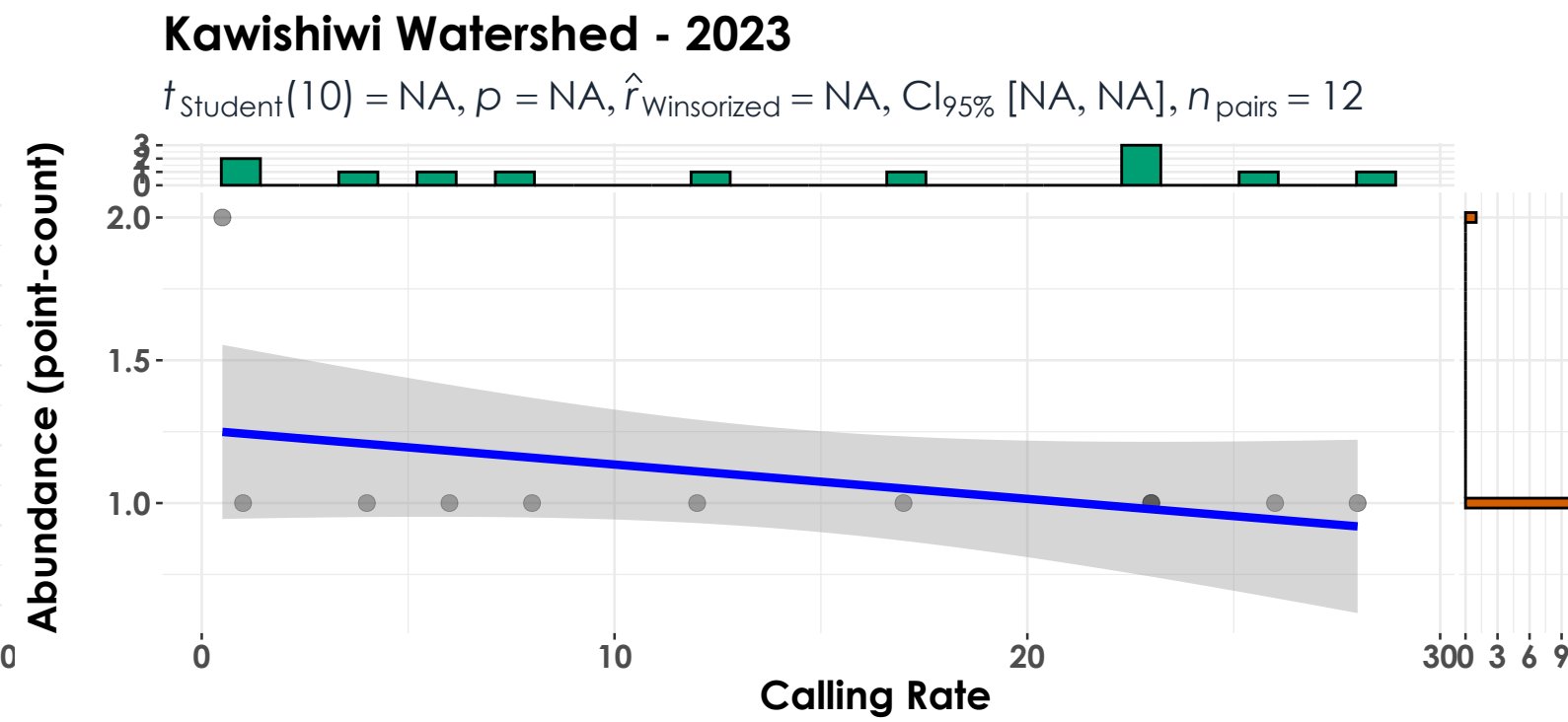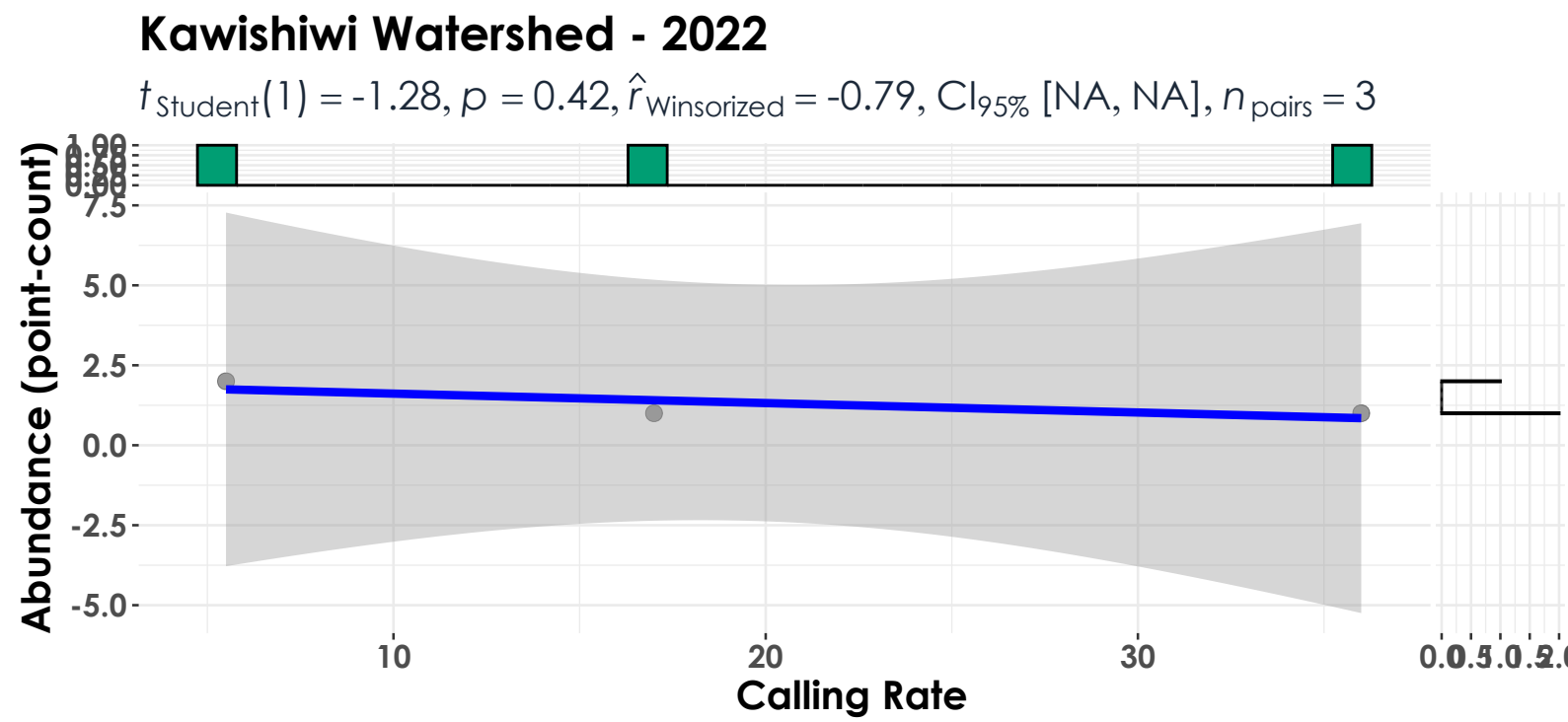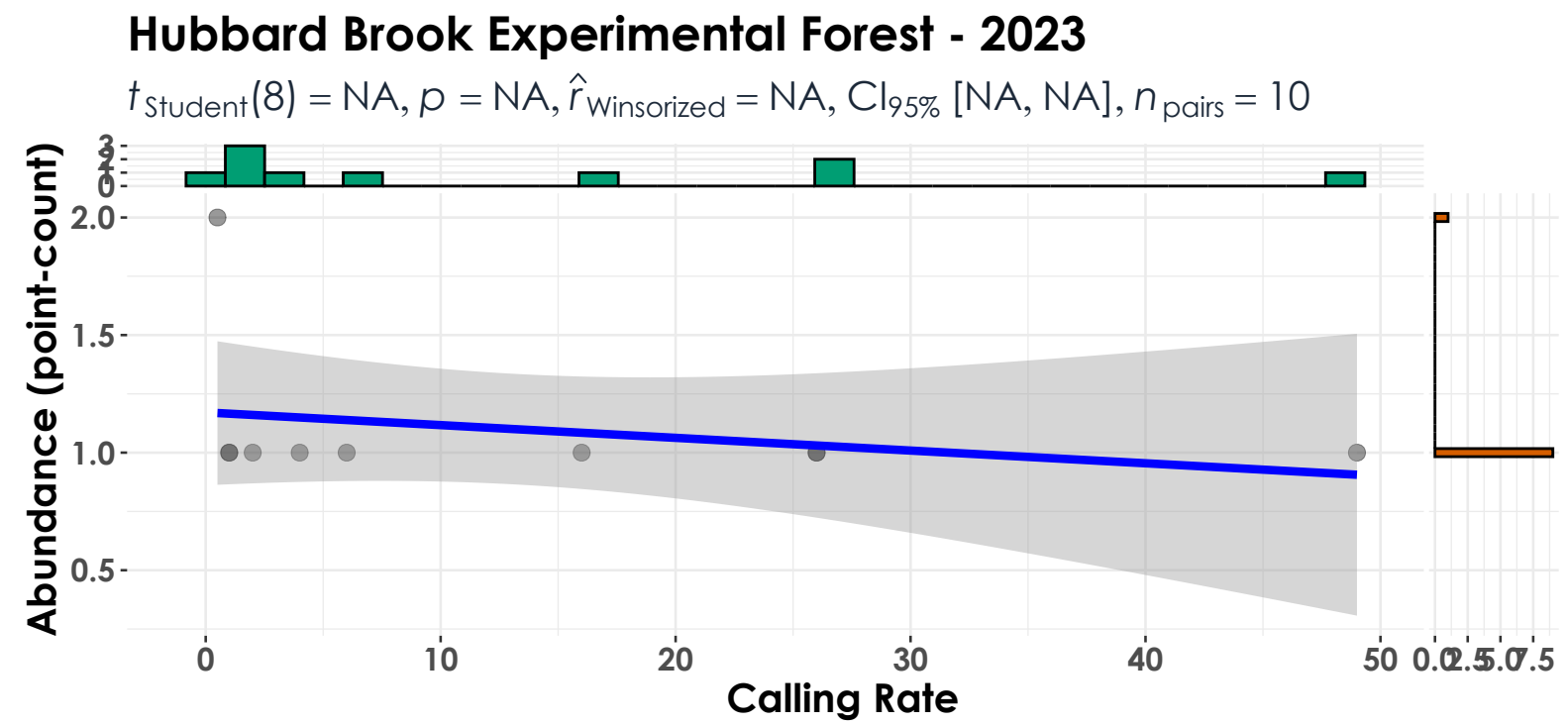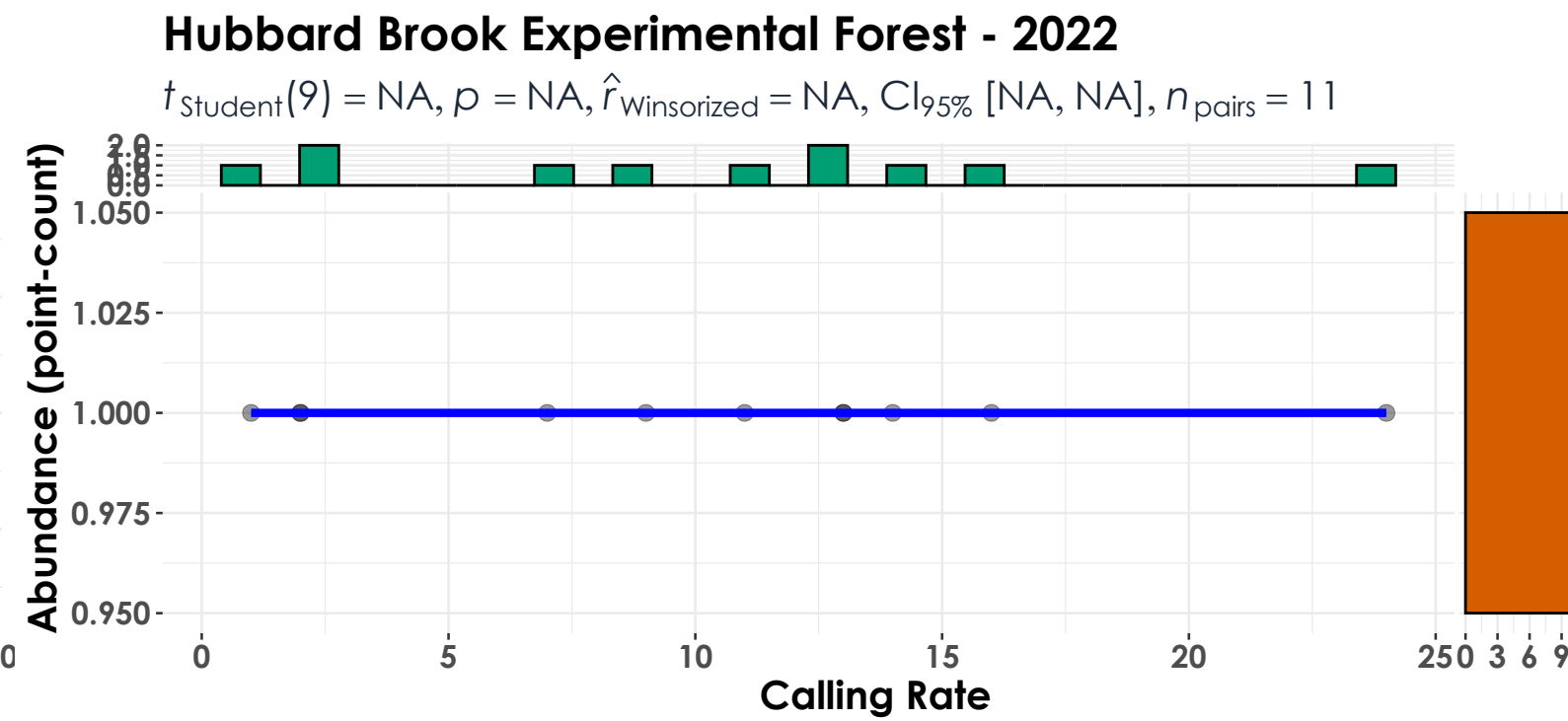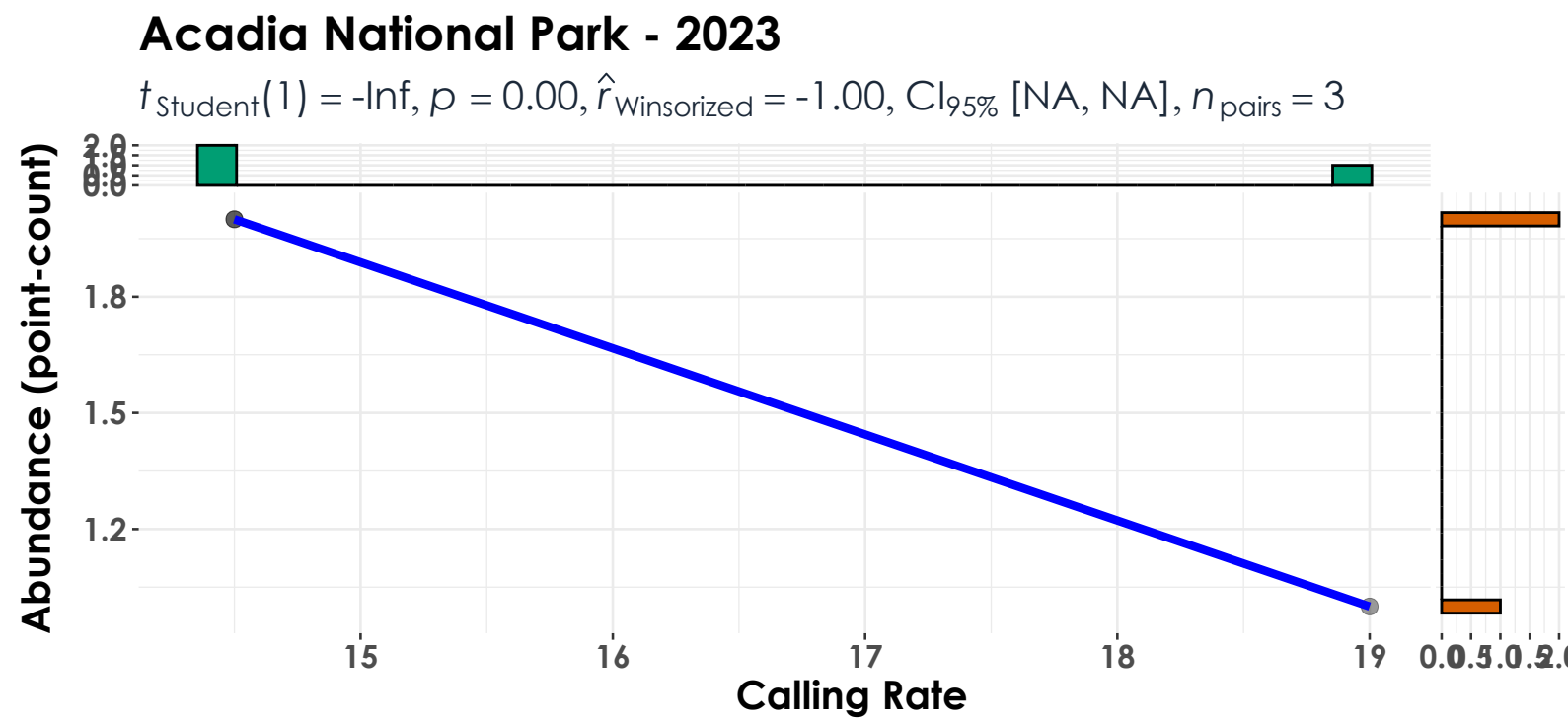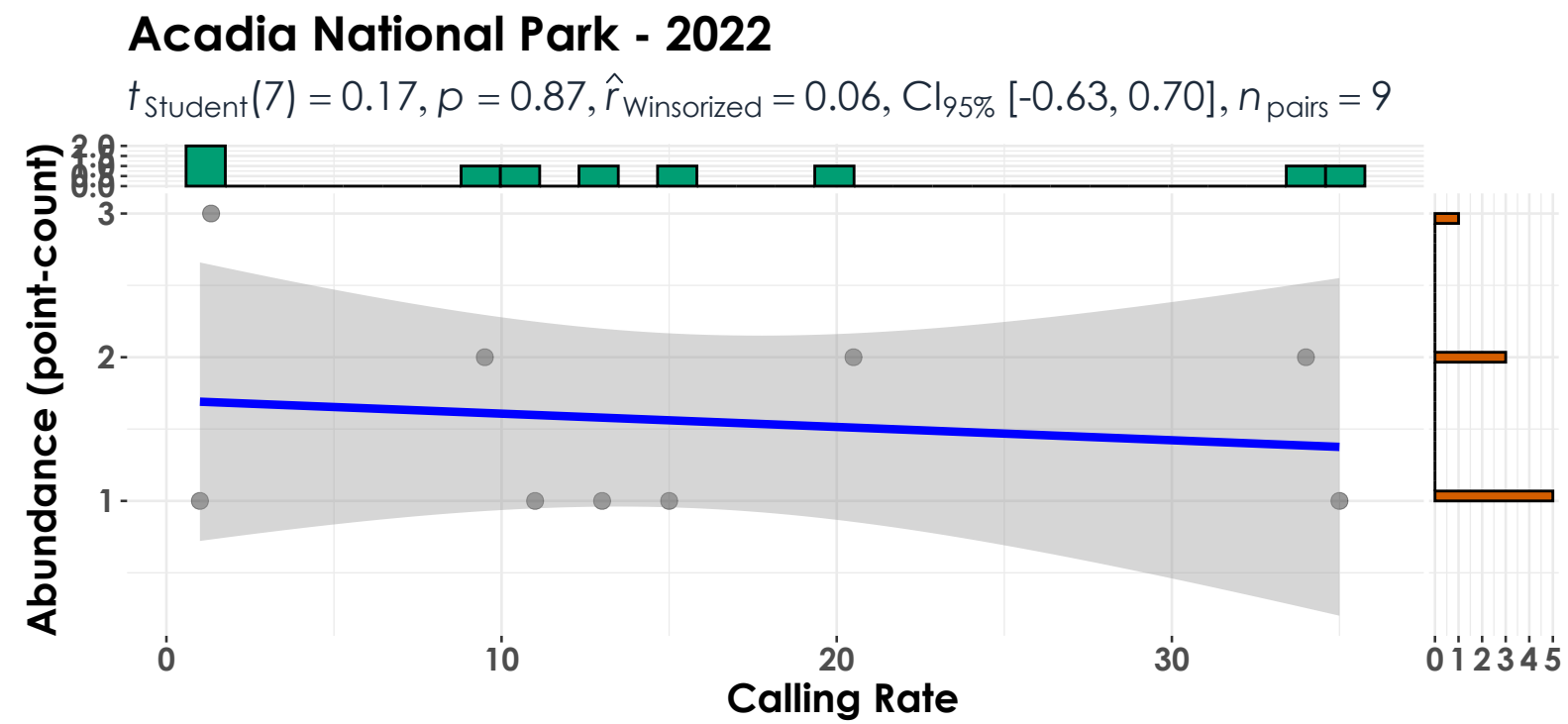
Marsh-Billings-Rockefeller NHP - 2023
$t_{\text{Student}}(13) = 0.82$, $p = 0.43$, $\hat{r}_{\text{Winsorized}} = 0.22$, $\text{CI}_{95\%}$ [-0.33, 0.66], $n_{\text{pairs}} = 15$

Winter Wren

Acadia National Park - 2022
$t_{\text{Student}}(7) = 0.17, p = 0.87, \hat{r}_{\text{Winsorized}} = 0.06, \text{CI}_{95\%} [-0.63, 0.70], n_{\text{pairs}} = 9$

Acadia National Park - 2023
$t_{\text{Student}}(1) = -\text{Inf}, p = 0.00, \hat{r}_{\text{Winsorized}} = -1.00, \text{CI}_{95\%} [\text{NA, NA}], n_{\text{pairs}} = 3$

Hubbard Brook Experimental Forest - 2022
$t_{\text{Student}}(9) = \text{NA}, p = \text{NA}, \hat{r}_{\text{Winsorized}} = \text{NA}, \text{CI}_{95\%} [\text{NA, NA}], n_{\text{pairs}} = 11$

Hubbard Brook Experimental Forest - 2023
$t_{\text{Student}}(8) = \text{NA}, p = \text{NA}, \hat{r}_{\text{Winsorized}} = \text{NA}, \text{CI}_{95\%} [\text{NA, NA}], n_{\text{pairs}} = 10$

Kawishiwi Watershed - 2022
$t_{\text{Student}}(1) = -1.28, p = 0.42, \hat{r}_{\text{Winsorized}} = -0.79, \text{CI}_{95\%} [\text{NA, NA}], n_{\text{pairs}} = 3$

Kawishiwi Watershed - 2023
$t_{\text{Student}}(10) = \text{NA}, p = \text{NA}, \hat{r}_{\text{Winsorized}} = \text{NA}, \text{CI}_{95\%} [\text{NA, NA}], n_{\text{pairs}} = 12$

Marsh-Billings-Rockefeller NHP - 2023
$t_{\text{Student}}(9) = \text{NA}, p = \text{NA}, \hat{r}_{\text{Winsorized}} = \text{NA}, \text{CI}_{95\%} [\text{NA, NA}], n_{\text{pairs}} = 11$
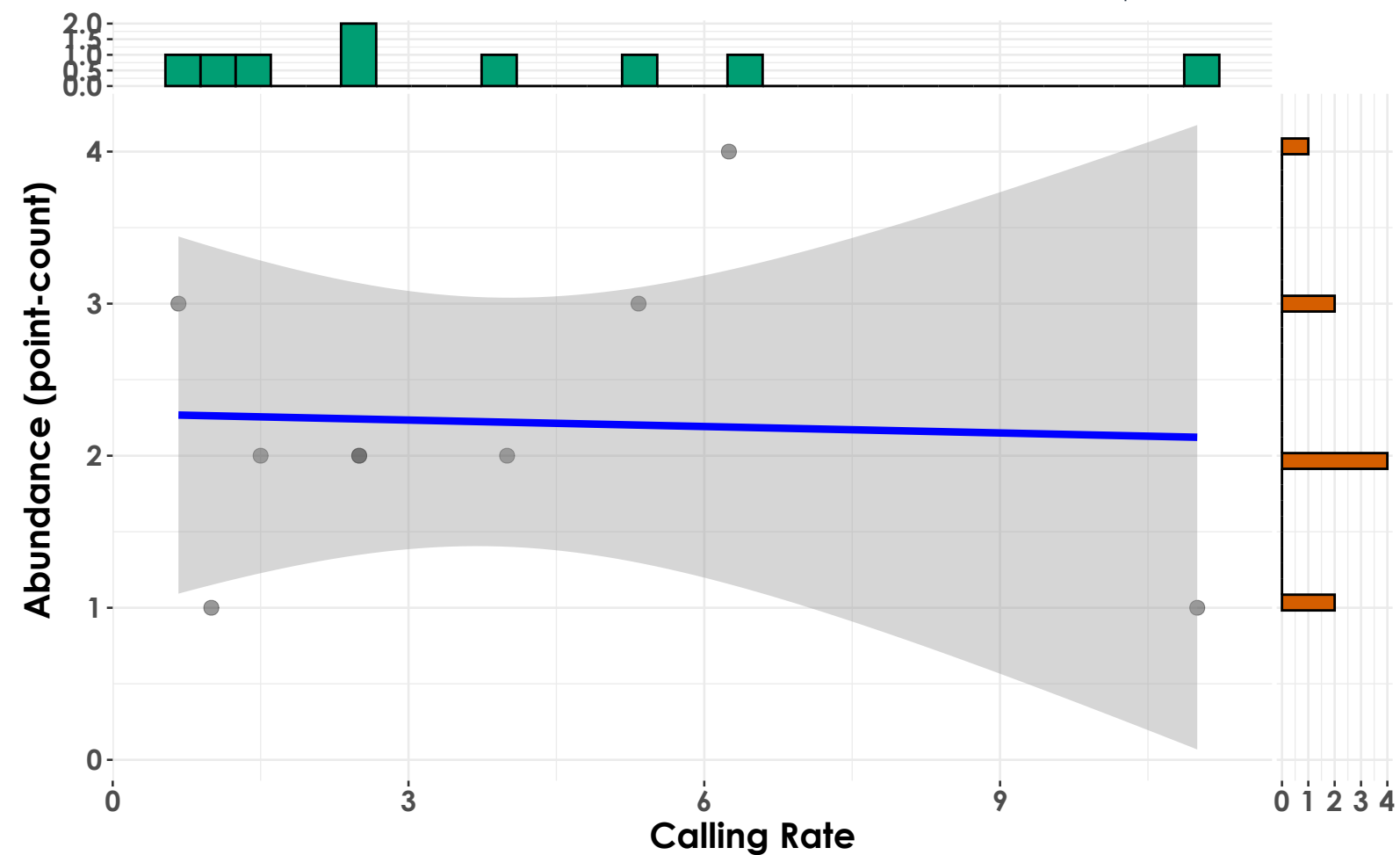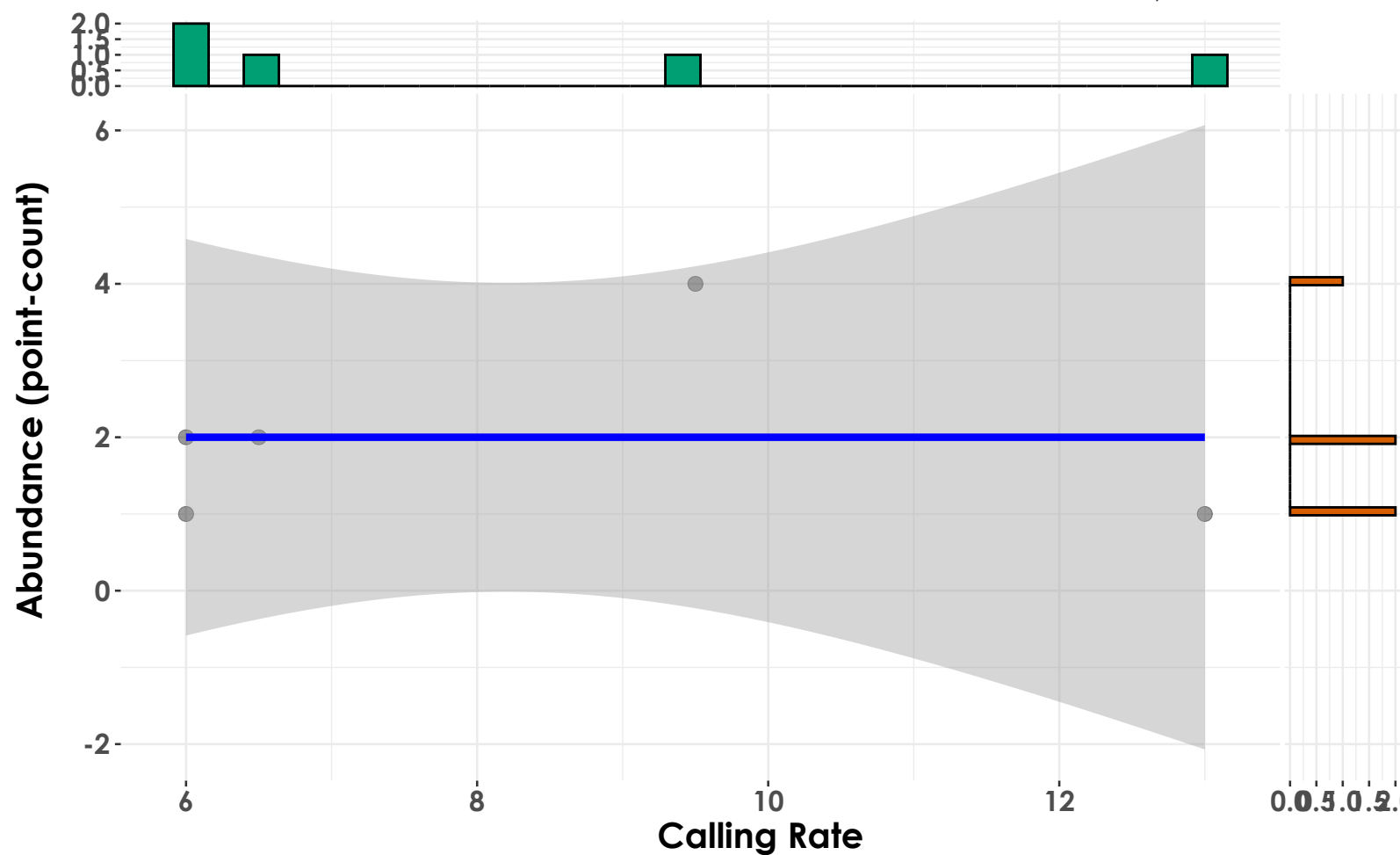
Yellow-rumped Warbler

Acadia National Park - 2022
$t_{\text{Student}}(7) = 0.39$, $p = 0.71$, $\hat{r}_{\text{Winsorized}} = 0.15$, $\text{CI}_{95\%}$ [-0.57, 0.74], $n_{\text{pairs}} = 9$
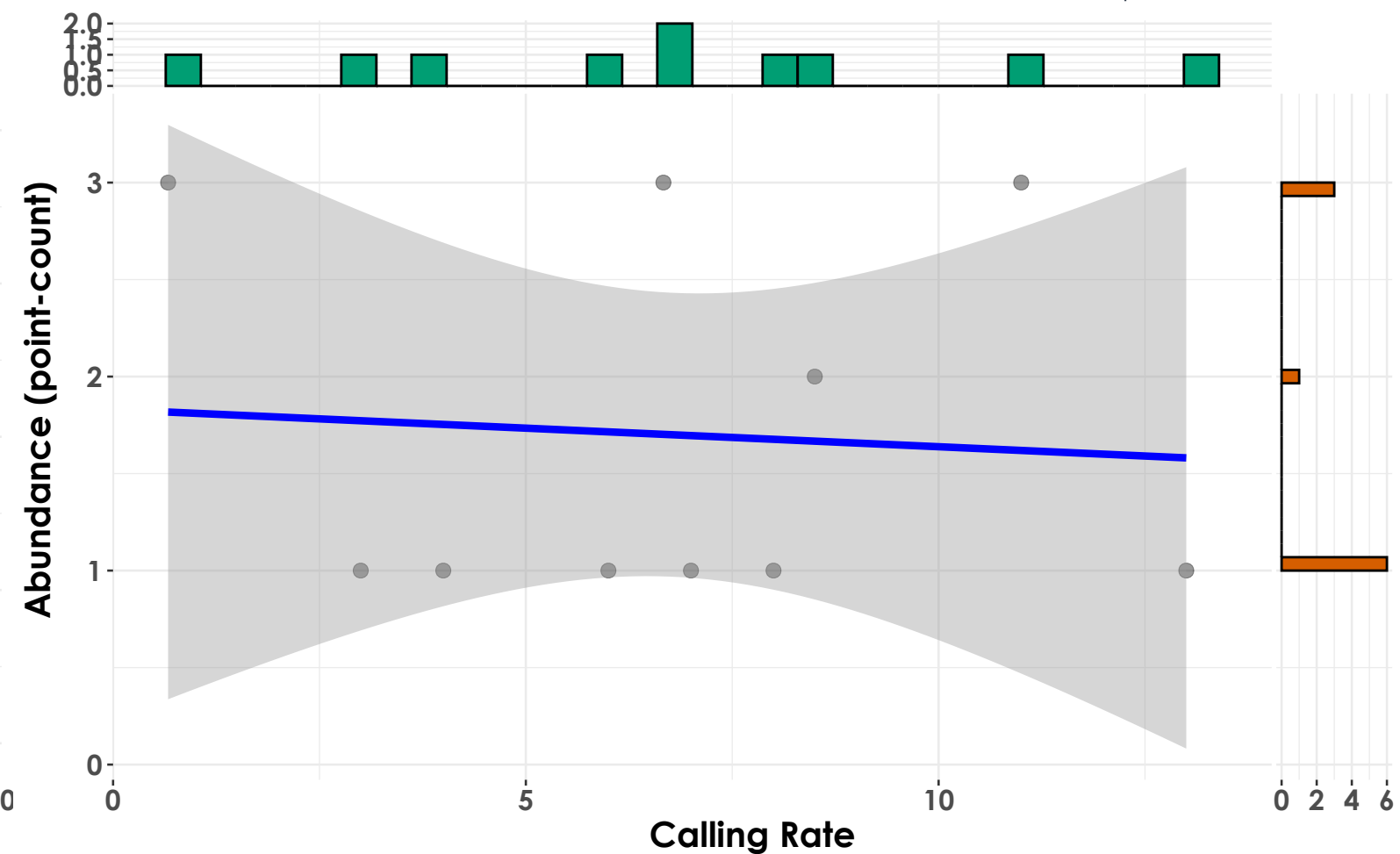
Acadia National Park - 2023
$t_{\text{Student}}(3) = -0.22$, $p = 0.84$, $\hat{r}_{\text{Winsorized}} = -0.12$, $\text{CI}_{95\%}$ [-0.91, 0.85], $n_{\text{pairs}} = 5$
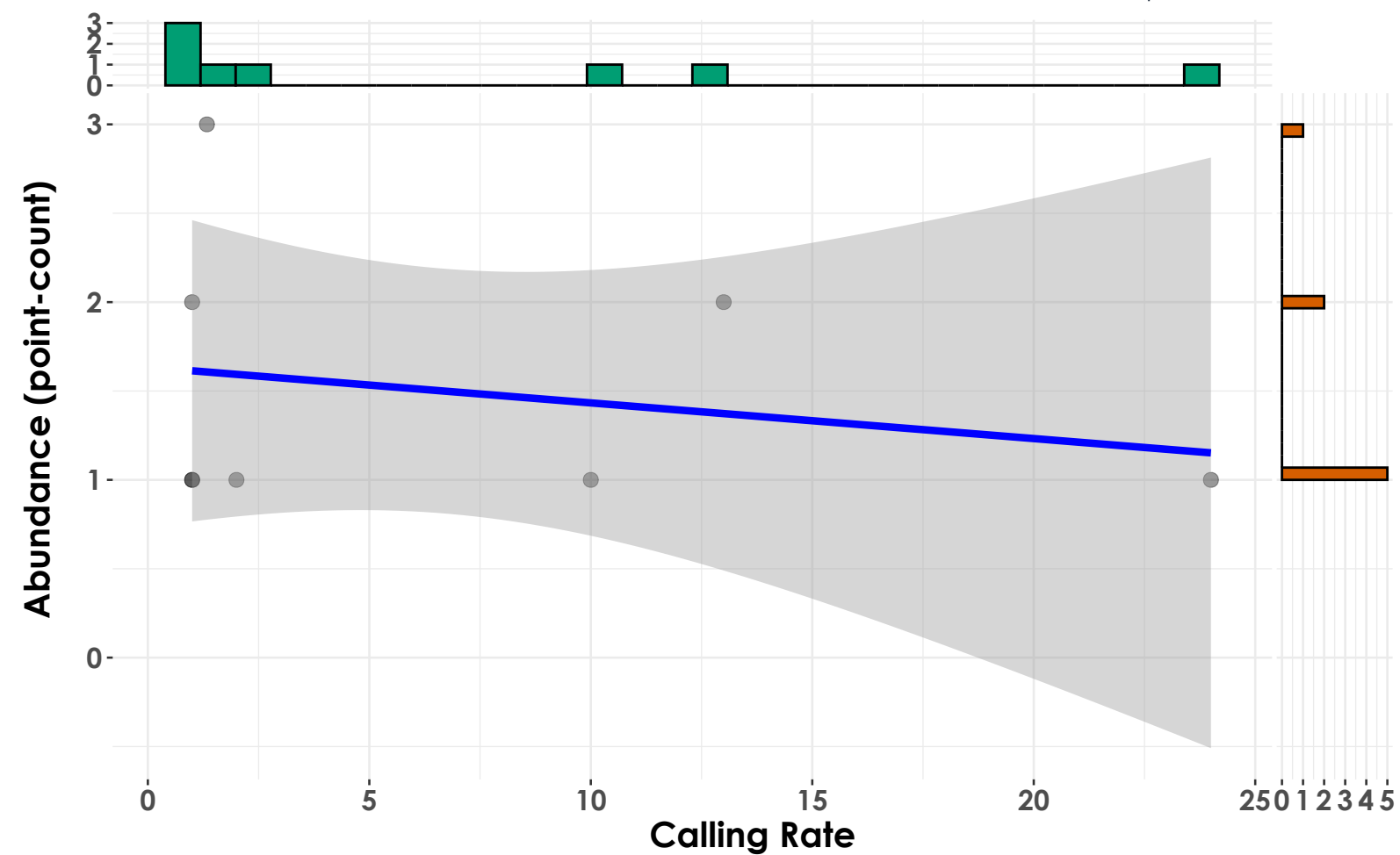
Hubbard Brook Experimental Forest - 2022
$t_{\text{Student}}(8) = 0.21$, $p = 0.84$, $\hat{r}_{\text{Winsorized}} = 0.07$, $\text{CI}_{95\%}$ [-0.58, 0.67], $n_{\text{pairs}} = 10$
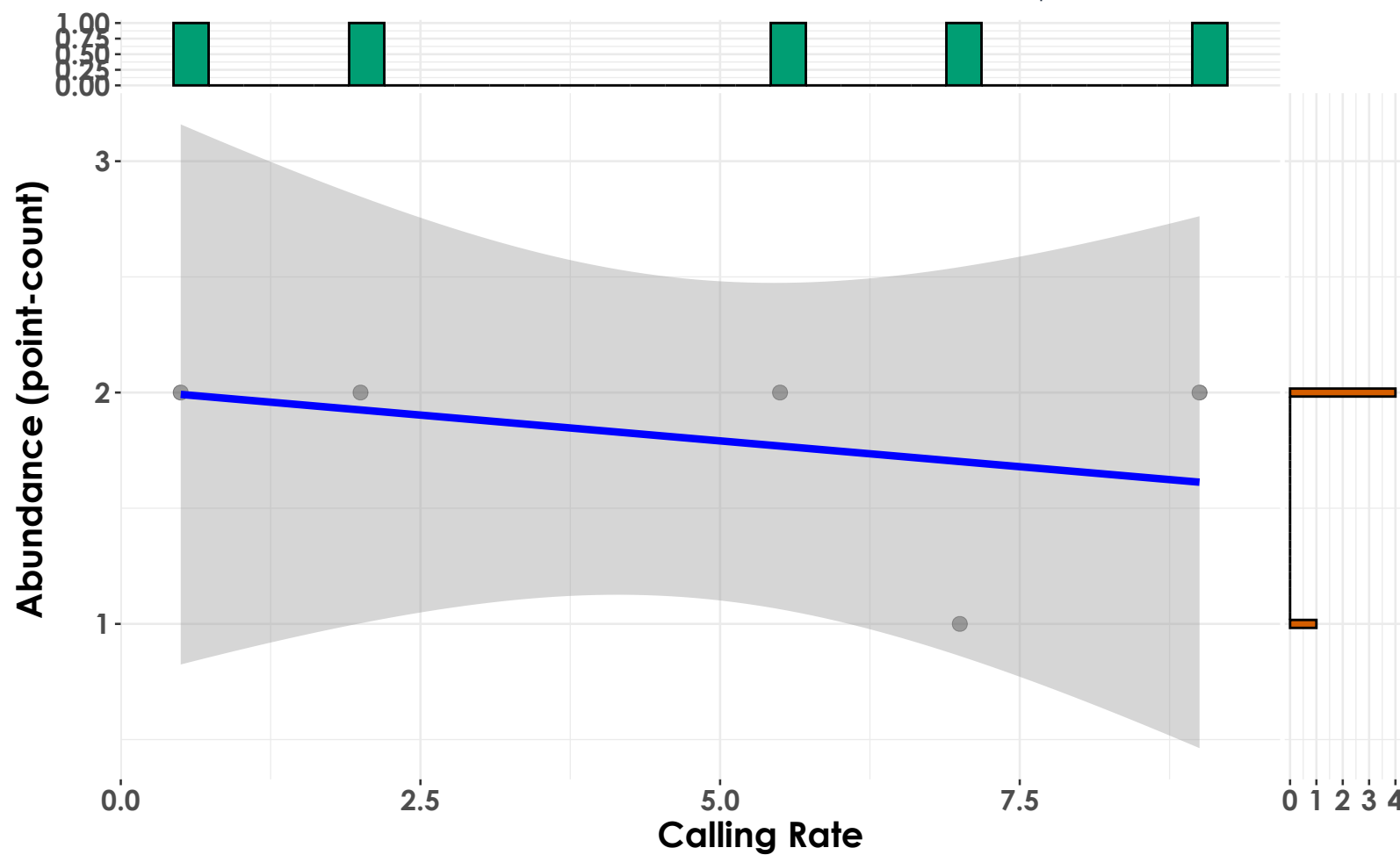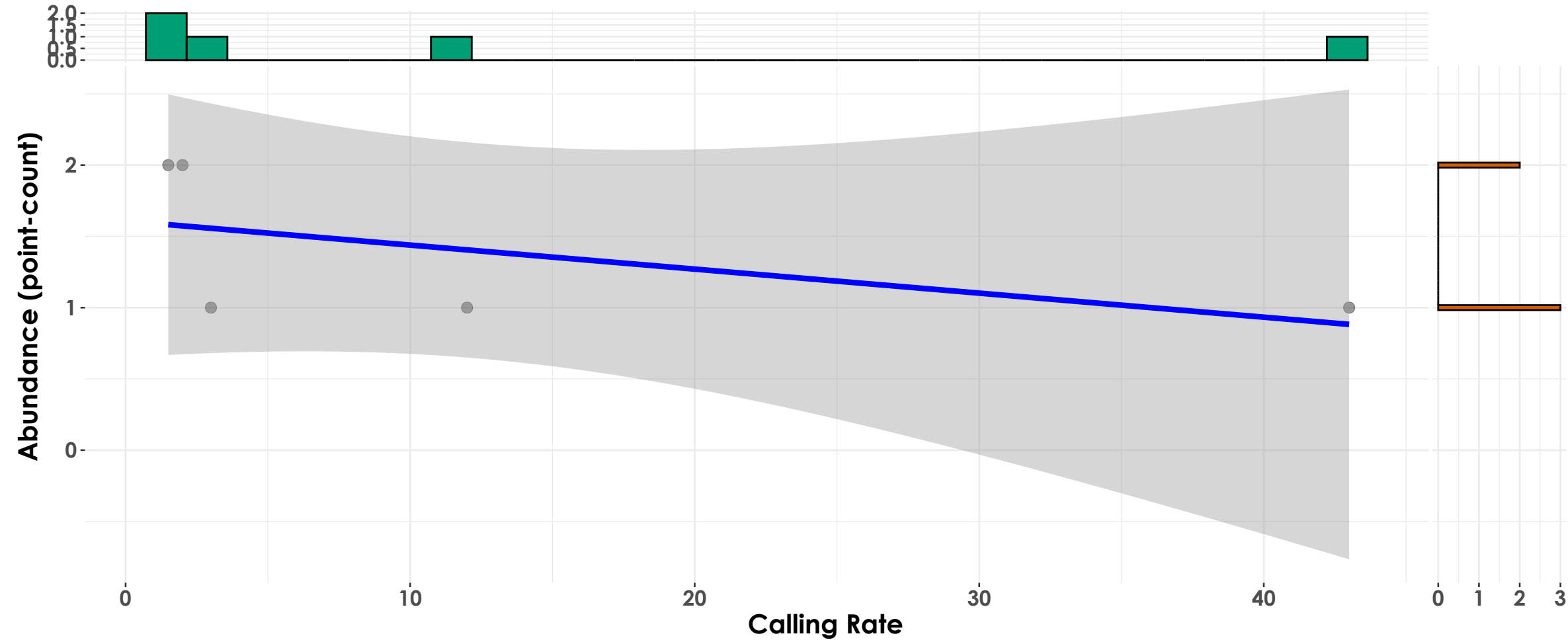
Hubbard Brook Experimental Forest - 2023
$t_{\text{Student}}(6) = -0.06$, $p = 0.95$, $\hat{r}_{\text{Winsorized}} = -0.03$, $\text{CI}_{95\%}$ [-0.72, 0.69], $n_{\text{pairs}} = 8$

Kawishiwi Watershed - 2023
$t_{\text{Student}}(3) = \text{NA}$, $p = \text{NA}$, $\hat{r}_{\text{Winsorized}} = \text{NA}$, $\text{CI}_{95\%}$ [NA, NA], $n_{\text{pairs}} = 5$
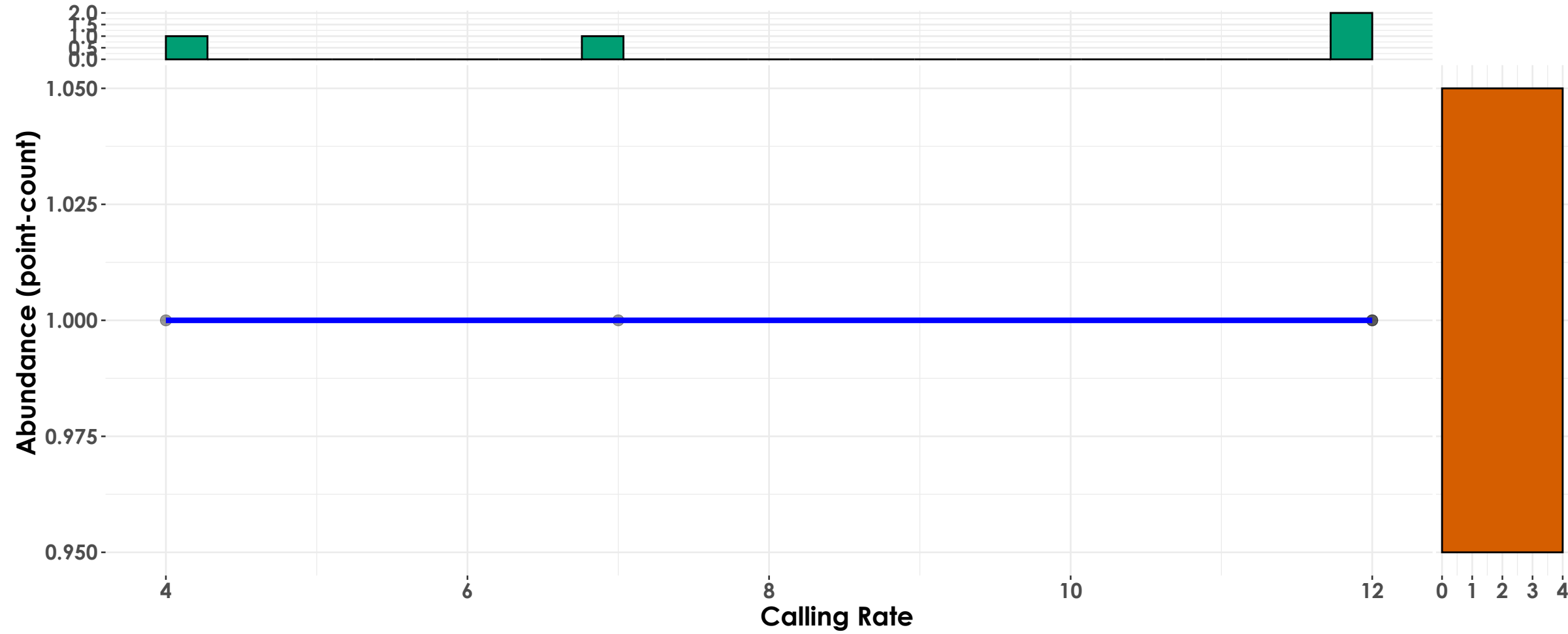
Brown Creeper

Acadia National Park - 2022

$t_{\text{Student}}(3) = -1.81, p = 0.17, \hat{r}_{\text{Winsorized}} = -0.72, \text{CI}_{95\%} [-0.98, 0.44], n_{\text{pairs}} = 5$
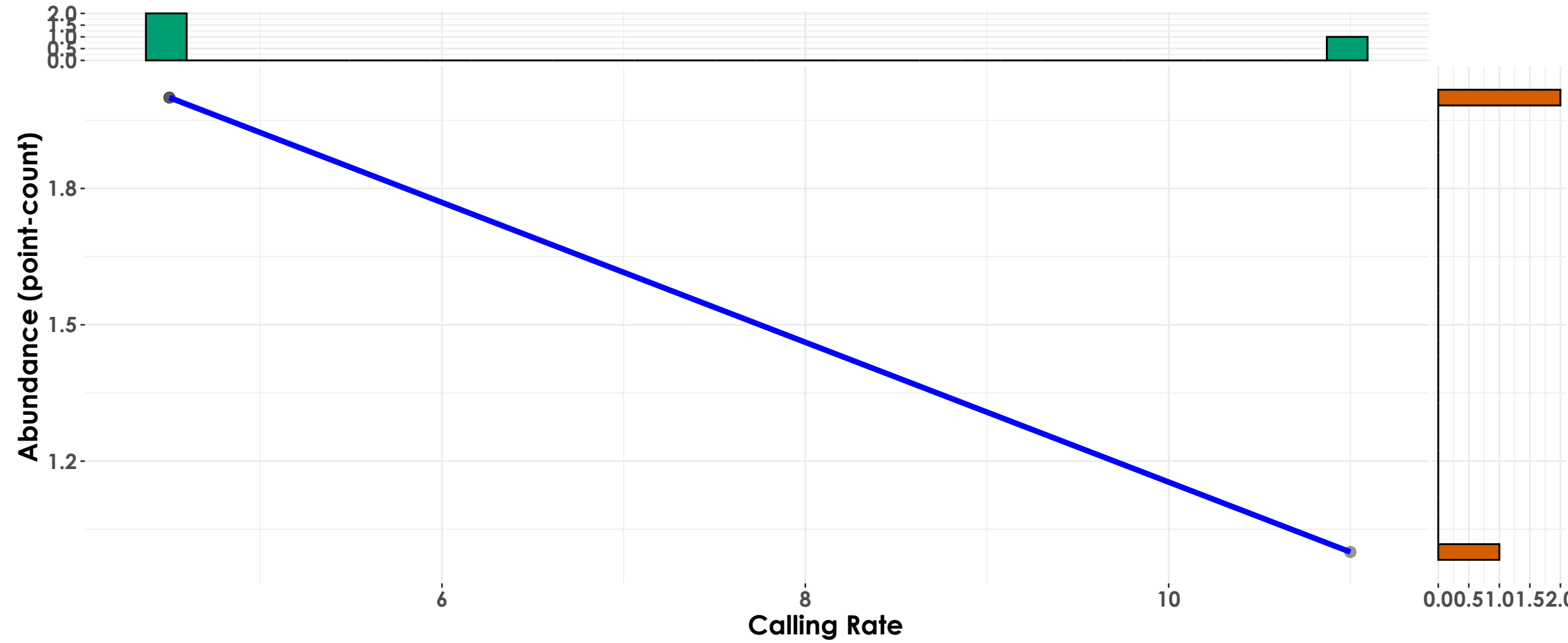

Acadia National Park - 2023

$t_{\text{Student}}(2) = \text{NA}, p = \text{NA}, \hat{r}_{\text{Winsorized}} = \text{NA}, \text{CI}_{95\%} [\text{NA}, \text{NA}], n_{\text{pairs}} = 4$
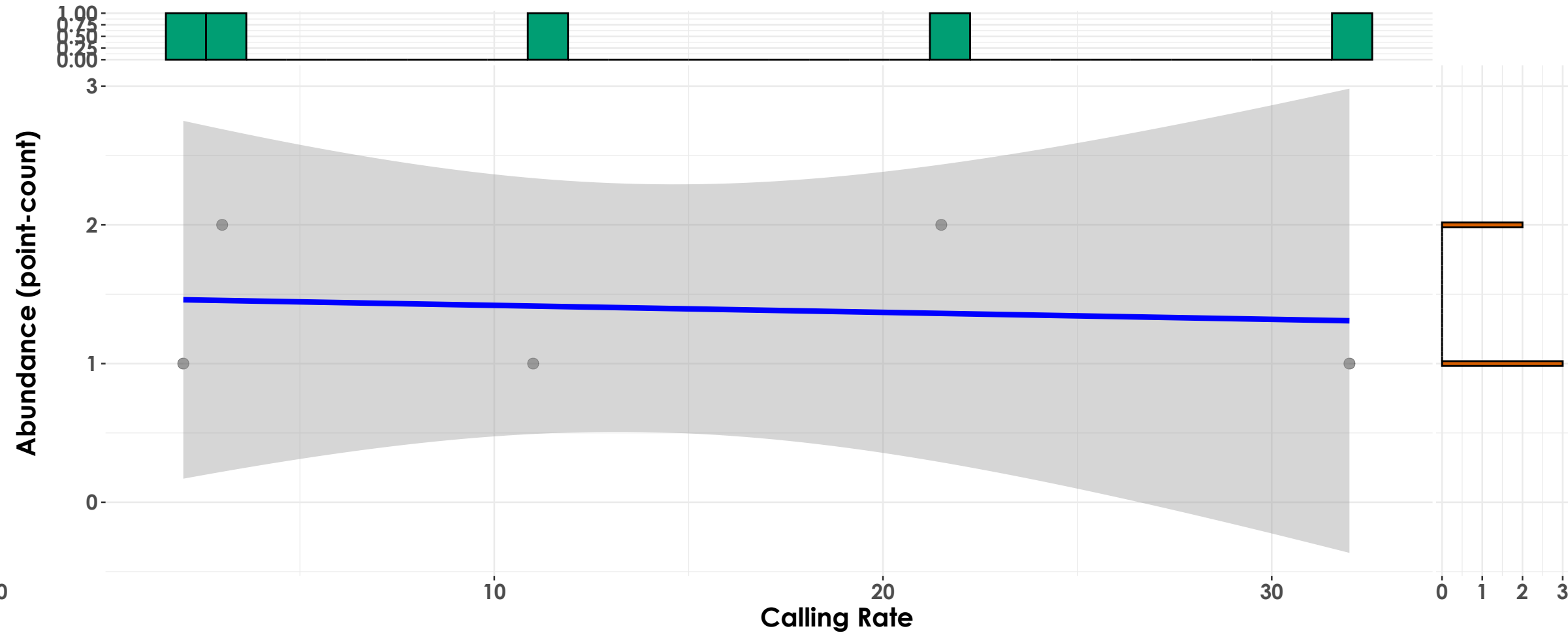

Hubbard Brook Experimental Forest - 2022

$t_{\text{Student}}(1) = -\text{Inf}, p = 0.00, \hat{r}_{\text{Winsorized}} = -1.00, \text{CI}_{95\%} [\text{NA}, \text{NA}], n_{\text{pairs}} = 3$
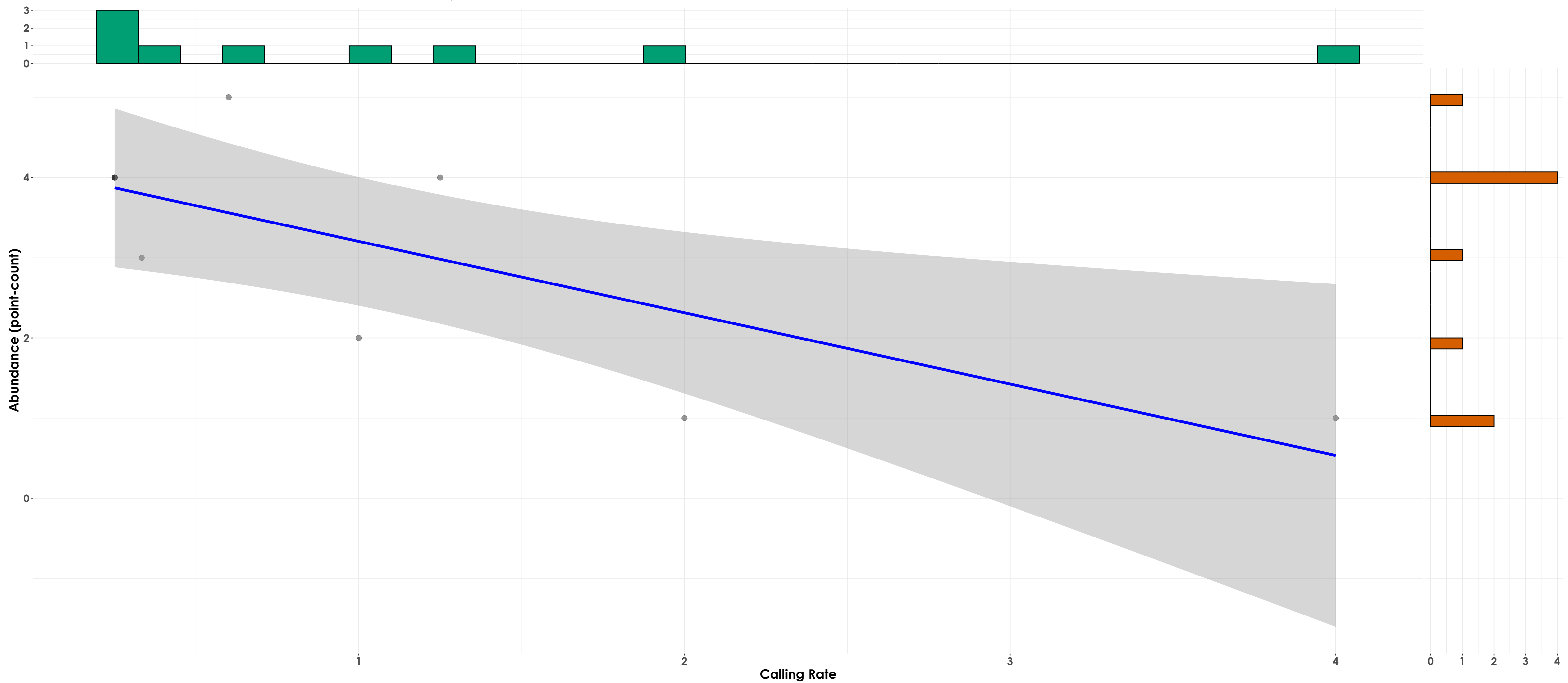

Marsh-Billings-Rockefeller NHP - 2022

$t_{\text{Student}}(3) = 0.04, p = 0.97, \hat{r}_{\text{Winsorized}} = 0.02, \text{CI}_{95\%} [-0.88, 0.89], n_{\text{pairs}} = 5$
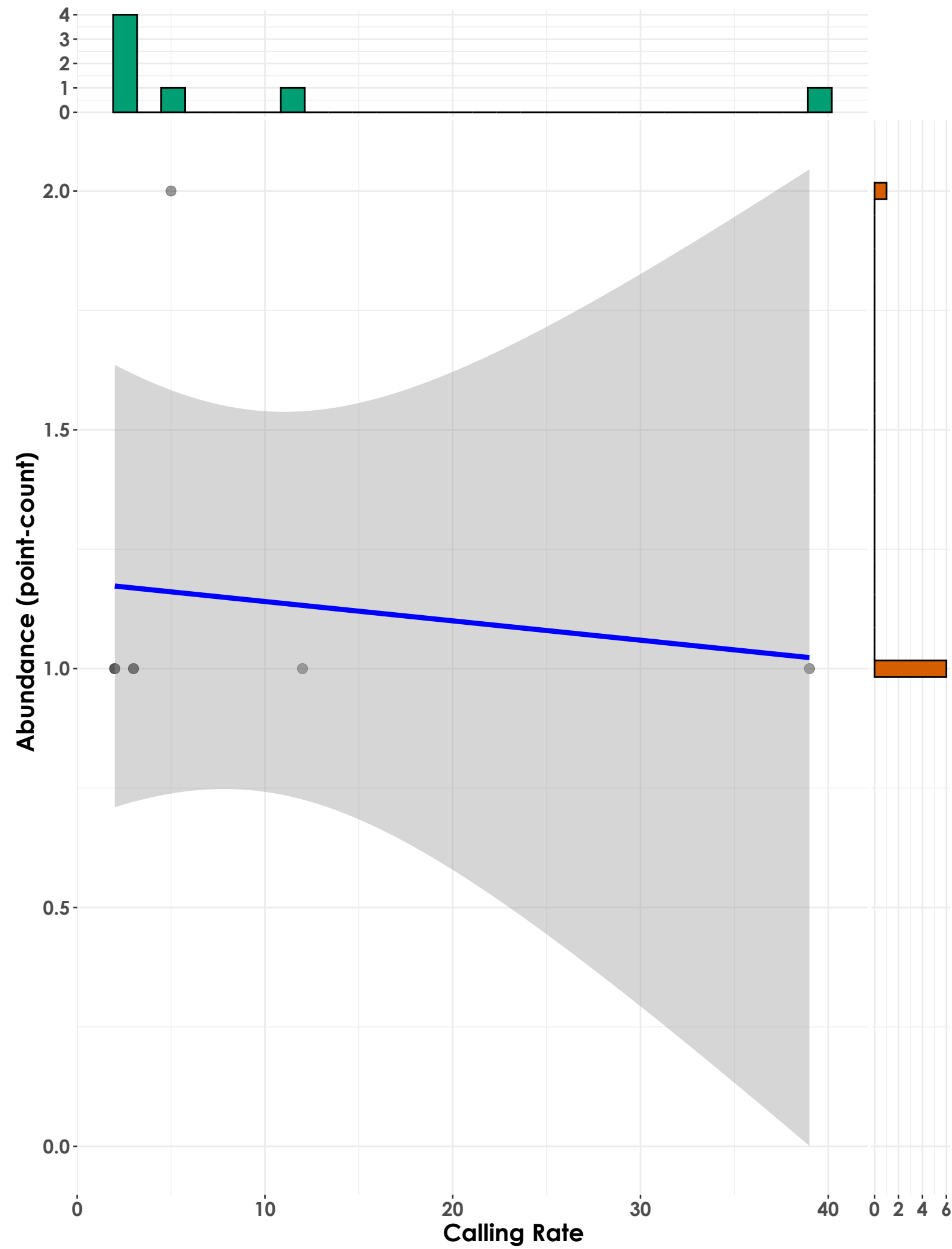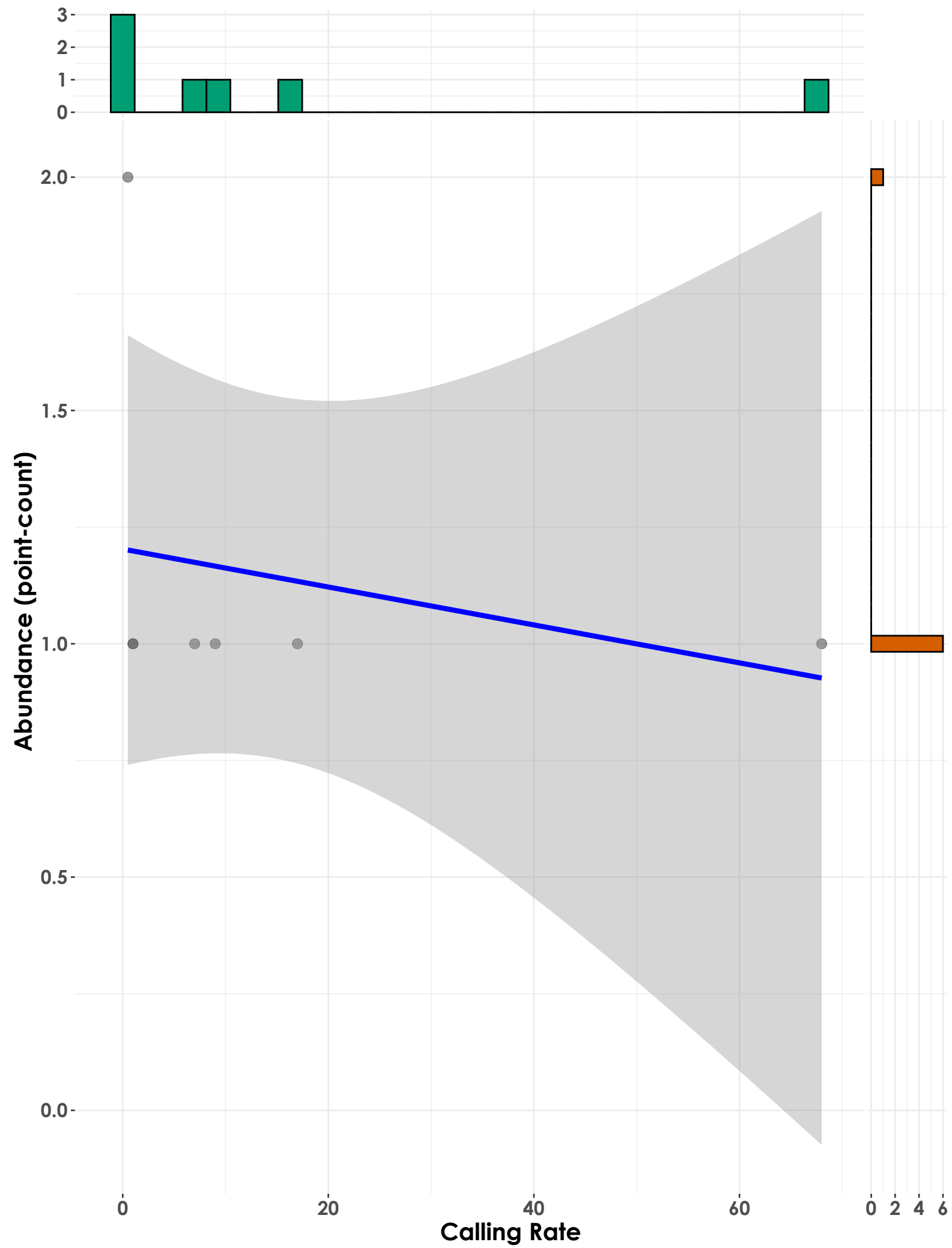
Red Crossbill

Acadia National Park - 2022

$t_{\text{Student}}(7) = -3.97, p = 5.42\text{e-}03, \hat{r}_{\text{Winsorized}} = -0.83, \text{CI}_{95\%} [-0.96, -0.37], n_{\text{pairs}} = 9$

Abundance (point-count)

Calling Rate

Blue-headed Vireo

Acadia National Park - 2022
$t_{\text{Student}}(5) = \text{NA}, p = \text{NA}, \hat{r}_{\text{Winsorized}} = \text{NA}, \text{CI}_{95\%} [\text{NA}, \text{NA}], n_{\text{pairs}} = 7$
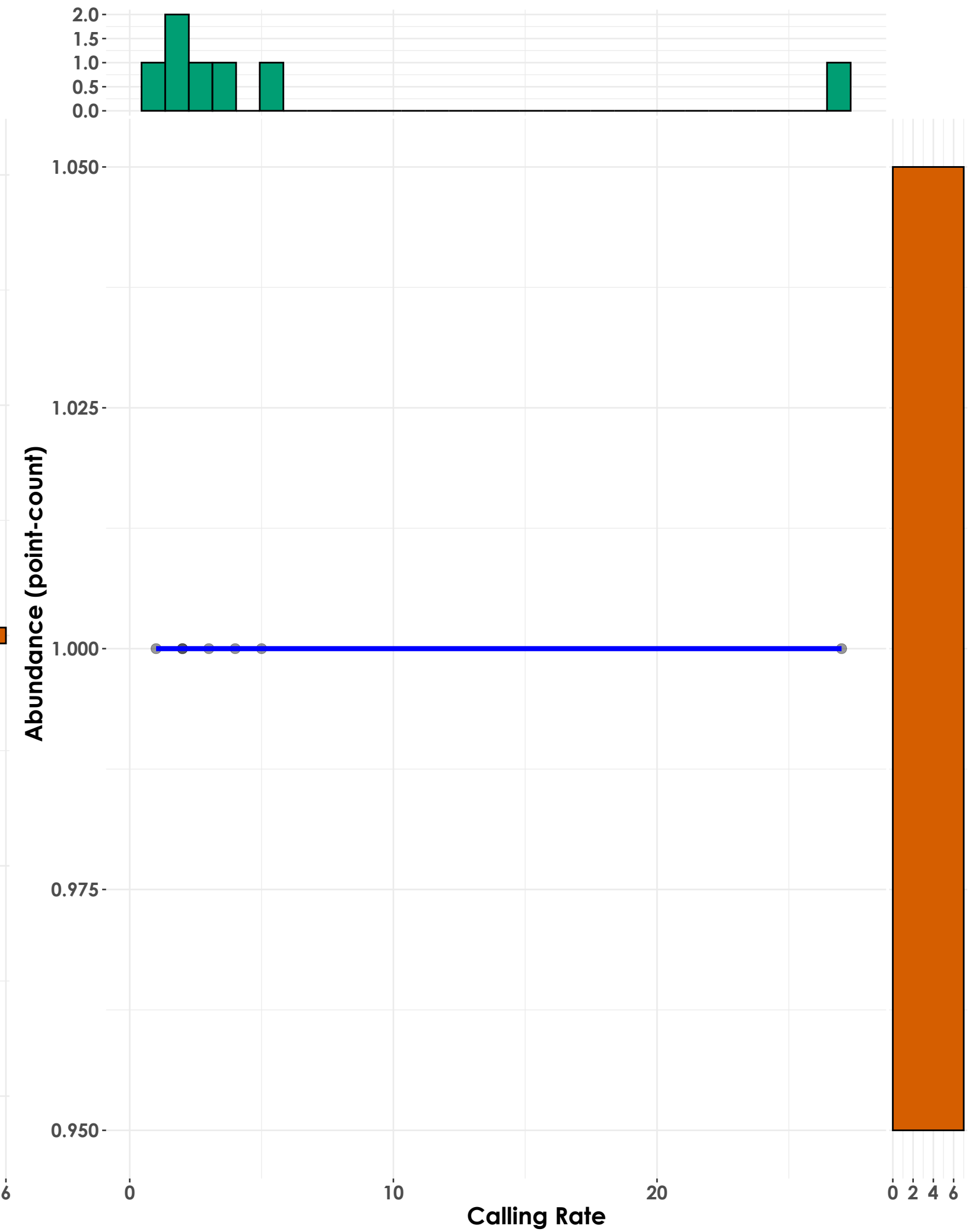
Acadia National Park - 2023
$t_{\text{Student}}(5) = \text{NA}, p = \text{NA}, \hat{r}_{\text{Winsorized}} = \text{NA}, \text{CI}_{95\%} [\text{NA}, \text{NA}], n_{\text{pairs}} = 7$
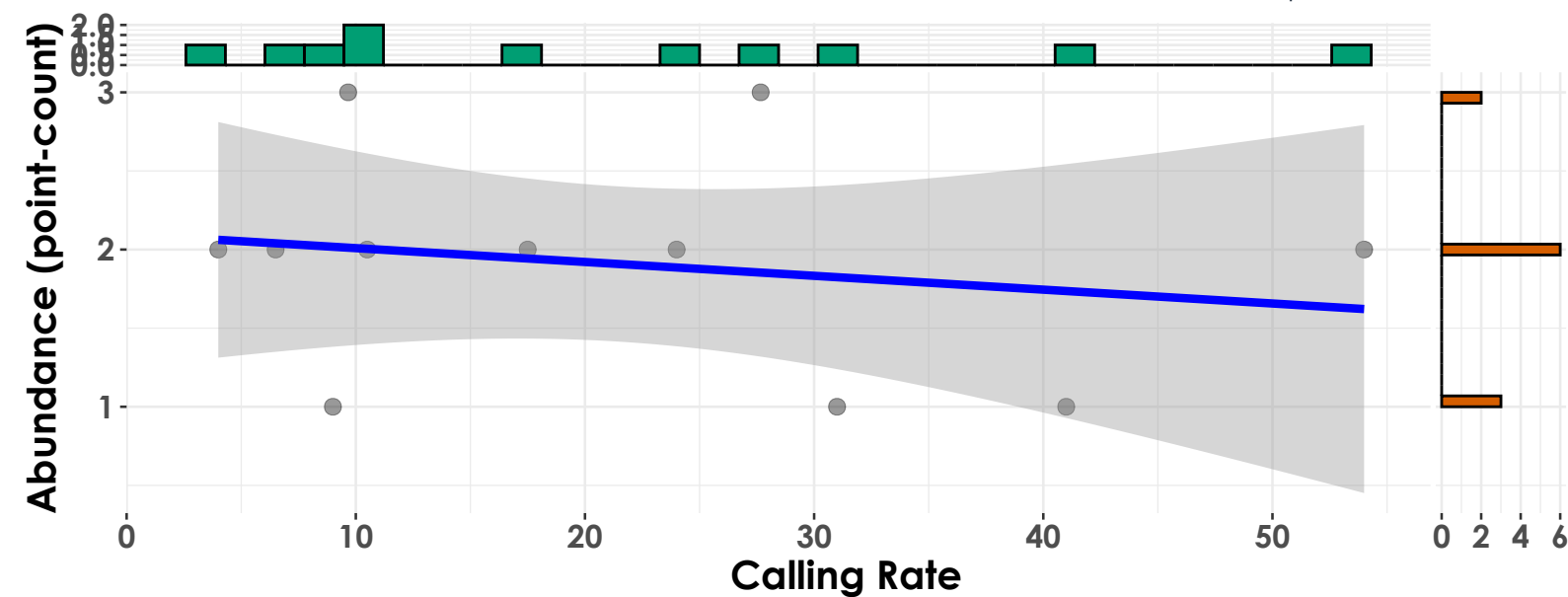
Marsh-Billings-Rockefeller NHP - 2022
$t_{\text{Student}}(5) = \text{NA}, p = \text{NA}, \hat{r}_{\text{Winsorized}} = \text{NA}, \text{CI}_{95\%} [\text{NA}, \text{NA}], n_{\text{pairs}} = 7$
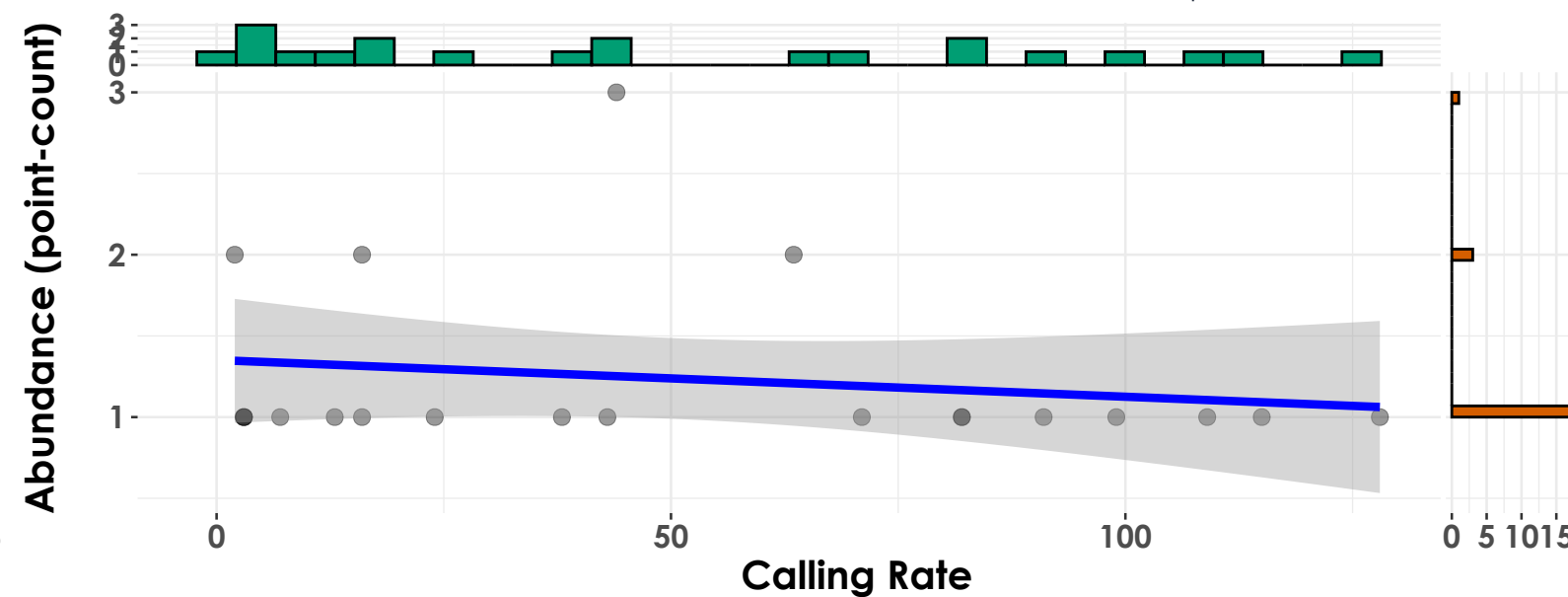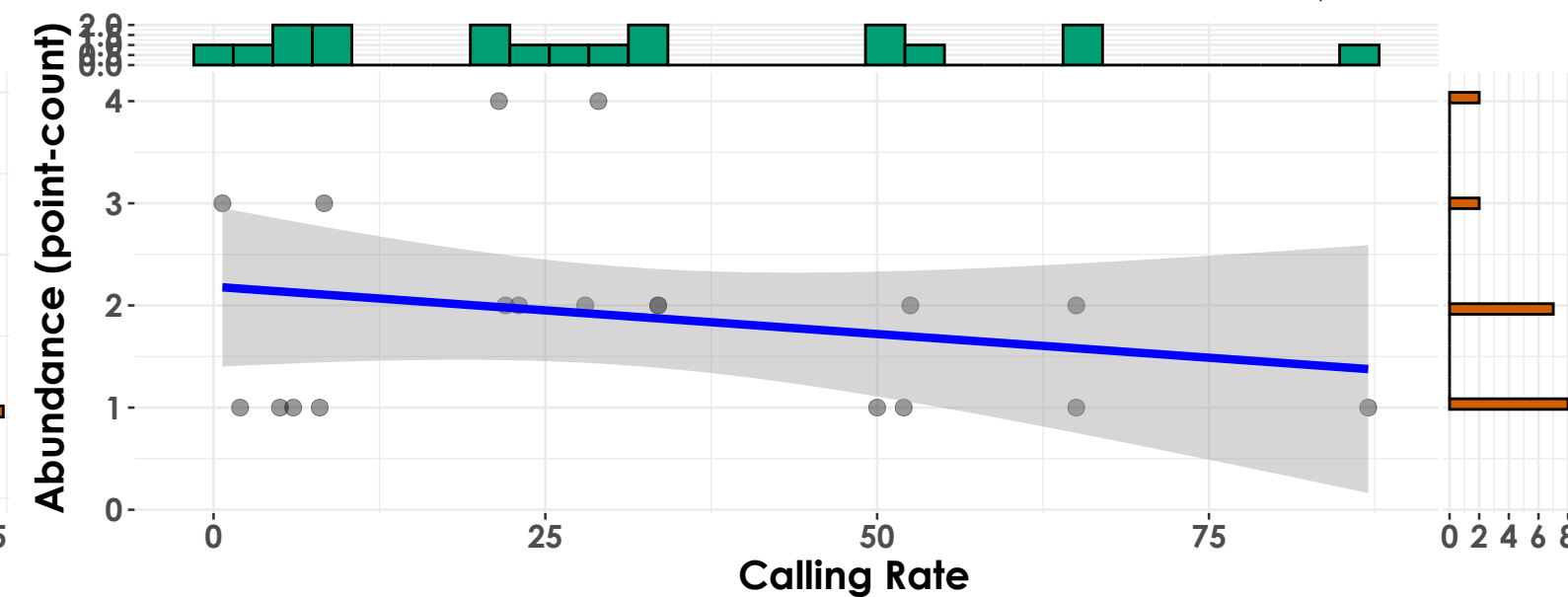
# Hermit Thrush

Acadia National Park - 2022
$t_{\text{Student}}(9) = -0.94$, $p = 0.37$, $\hat{r}_{\text{Winsorized}} = -0.30$, $CI_{95\%}$ [-0.76, 0.37], $n_{\text{pairs}} = 11$

Acadia National Park - 2023
$t_{\text{Student}}(19) = NA$, $p = NA$, $\hat{r}_{\text{Winsorized}} = NA$, $CI_{95\%}$ [NA, NA], $n_{\text{pairs}} = 21$

Hubbard Brook Experimental Forest - 2022
$t_{\text{Student}}(17) = -0.85$, $p = 0.41$, $\hat{r}_{\text{Winsorized}} = -0.20$, $CI_{95\%}$ [-0.60, 0.28], $n_{\text{pairs}} = 19$
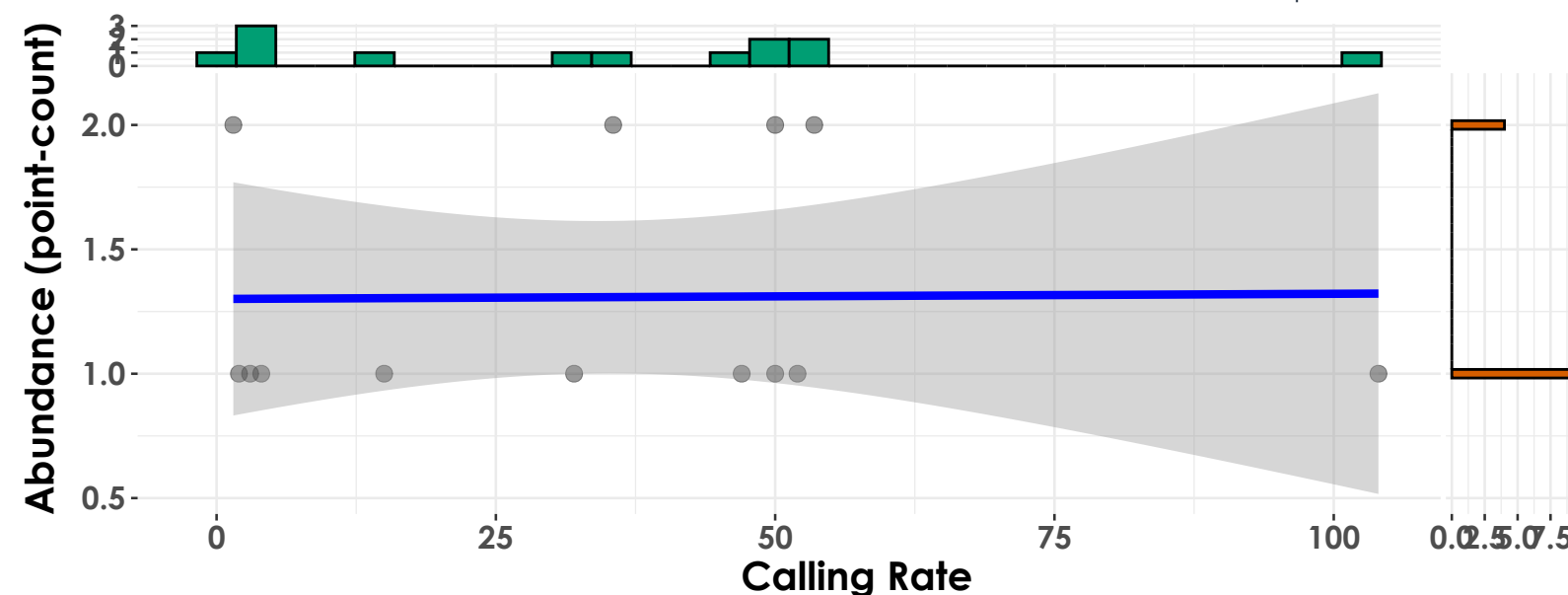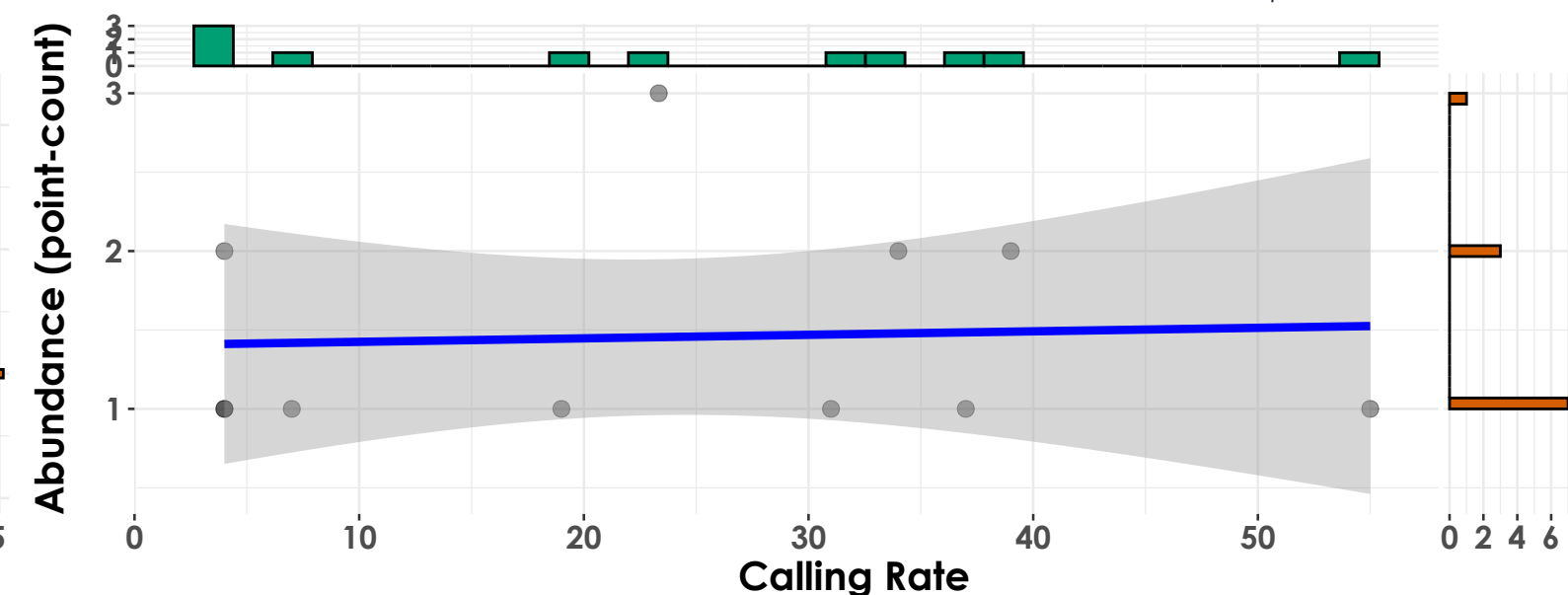
Hubbard Brook Experimental Forest - 2023
$t_{\text{Student}}(9) = NA$, $p = NA$, $\hat{r}_{\text{Winsorized}} = NA$, $CI_{95\%}$ [NA, NA], $n_{\text{pairs}} = 11$
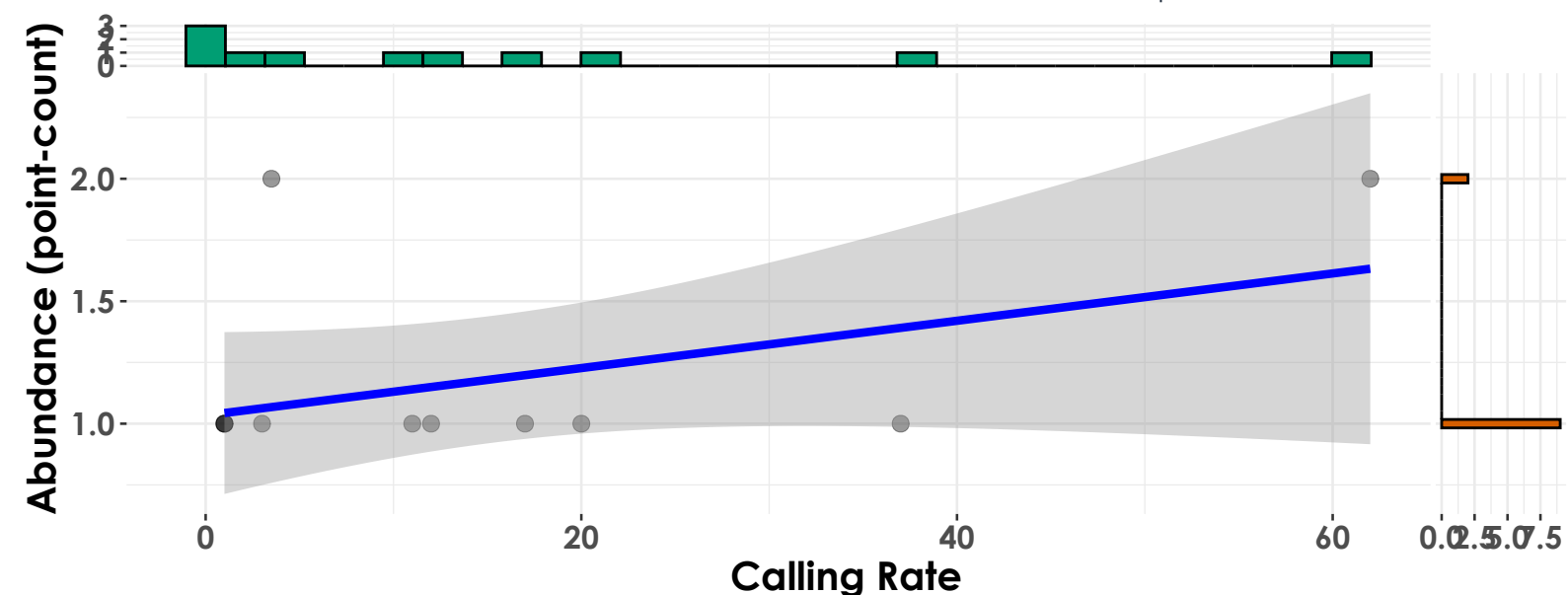
Kawishiwi Watershed - 2022
$t_{\text{Student}}(11) = 0.48$, $p = 0.64$, $\hat{r}_{\text{Winsorized}} = 0.14$, $CI_{95\%}$ [-0.44, 0.64], $n_{\text{pairs}} = 13$
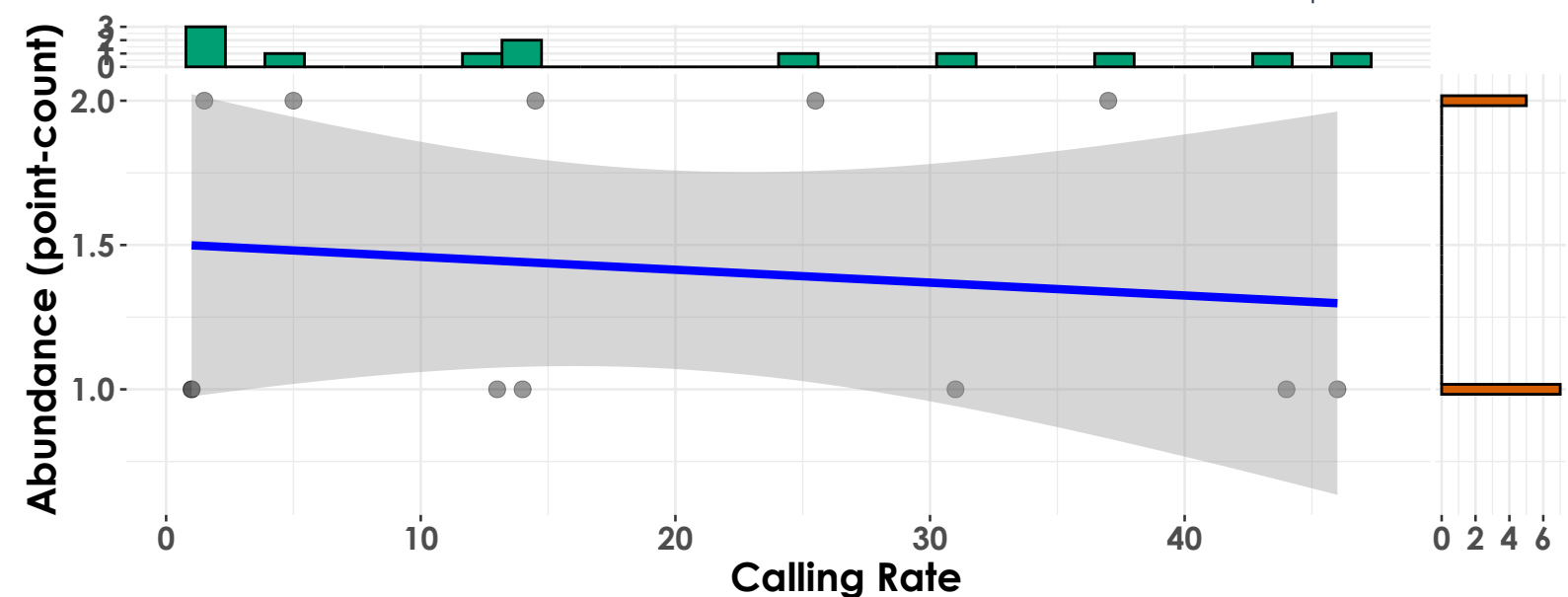
Kawishiwi Watershed - 2023
$t_{\text{Student}}(9) = 0.50$, $p = 0.63$, $\hat{r}_{\text{Winsorized}} = 0.16$, $CI_{95\%}$ [-0.48, 0.70], $n_{\text{pairs}} = 11$
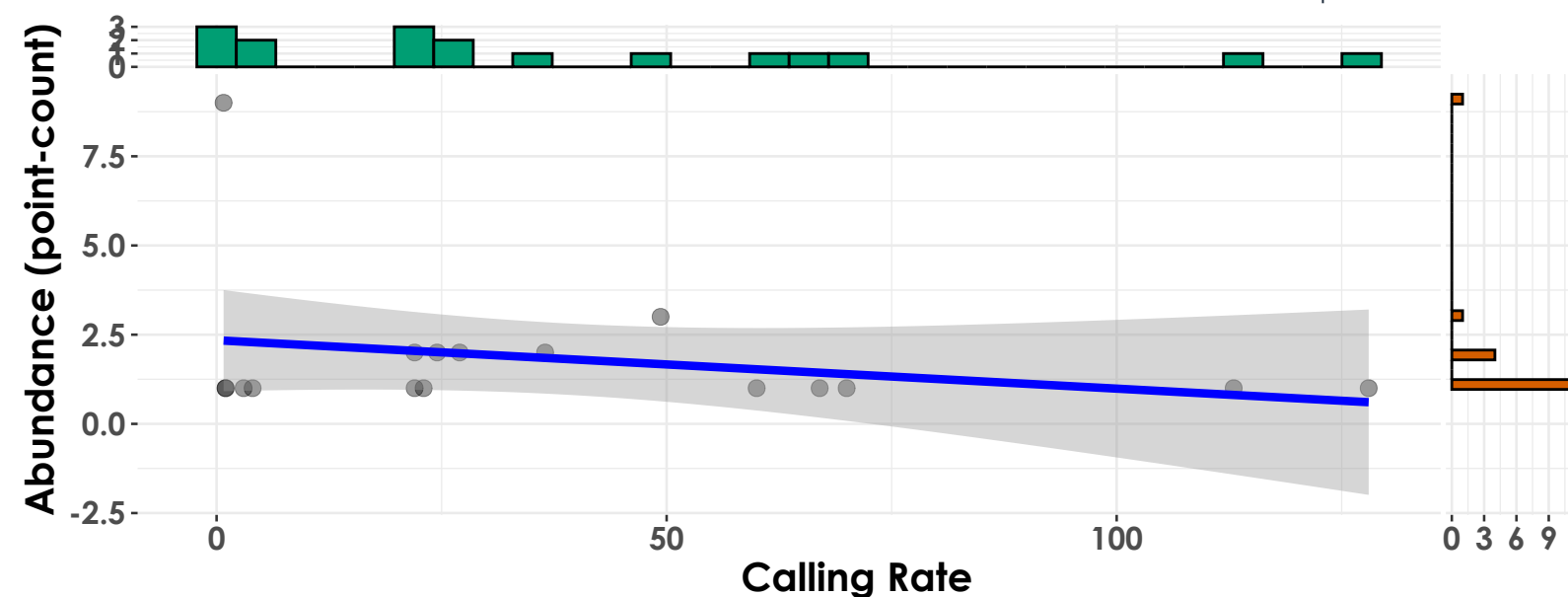
Marsh-Billings-Rockefeller NHP - 2022
$t_{\text{Student}}(10) = -0.29$, $p = 0.78$, $\hat{r}_{\text{Winsorized}} = -0.09$, $CI_{95\%}$ [-0.63, 0.51], $n_{\text{pairs}} = 12$
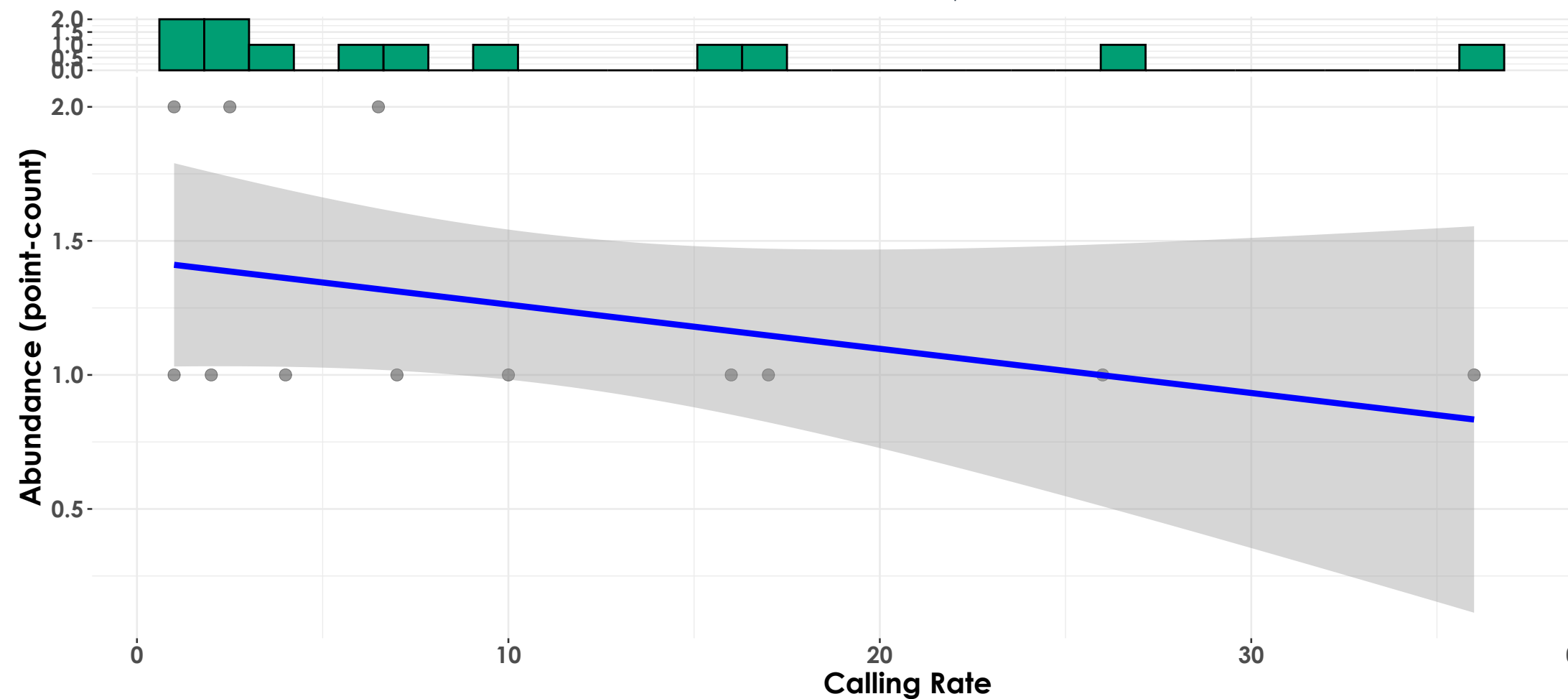
Marsh-Billings-Rockefeller NHP - 2023
$t_{\text{Student}}(15) = -0.61$, $p = 0.55$, $\hat{r}_{\text{Winsorized}} = -0.15$, $CI_{95\%}$ [-0.59, 0.35], $n_{\text{pairs}} = 17$
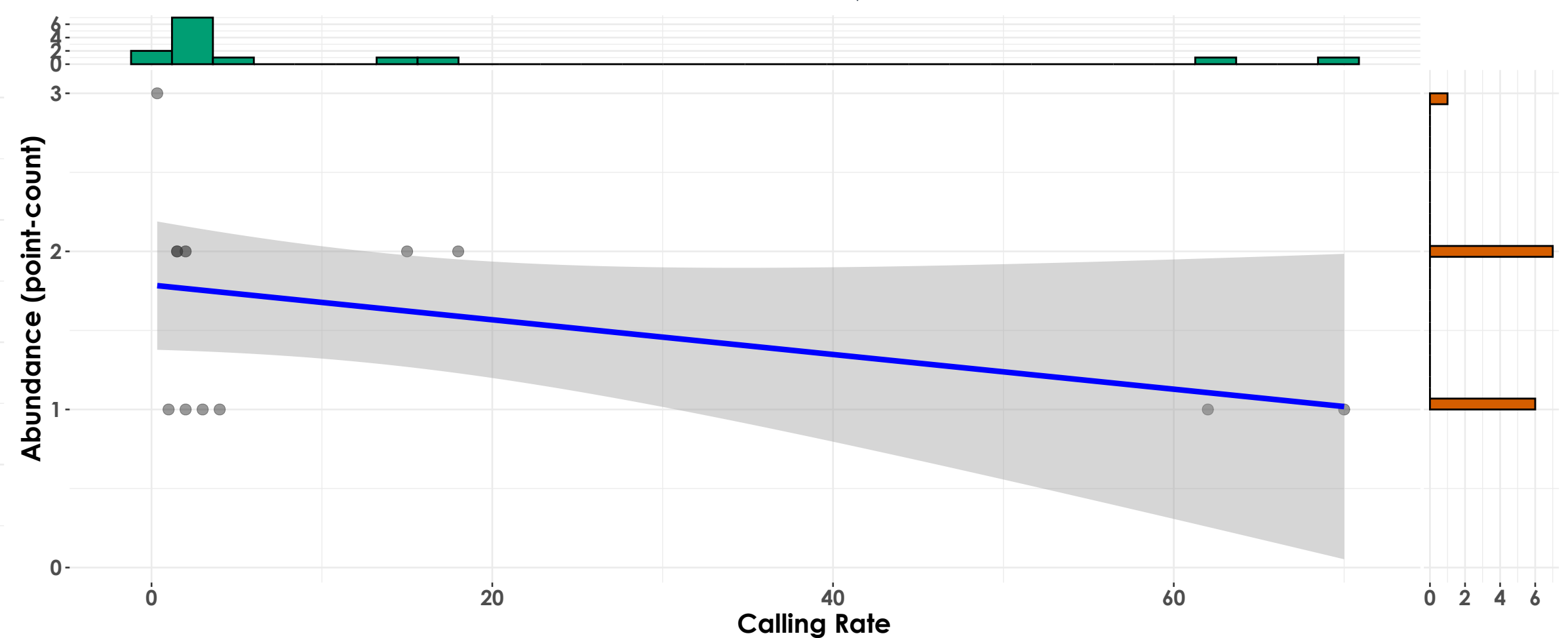
Golden-crowned Kinglet

Acadia National Park - 2022
$t_{\text{Student}}(10) = -1.62$, $p = 0.14$, $\hat{r}_{\text{Winsorized}} = -0.46$, $\text{CI}_{95\%}$ [-0.82, 0.16], $n_{\text{pairs}} = 12$
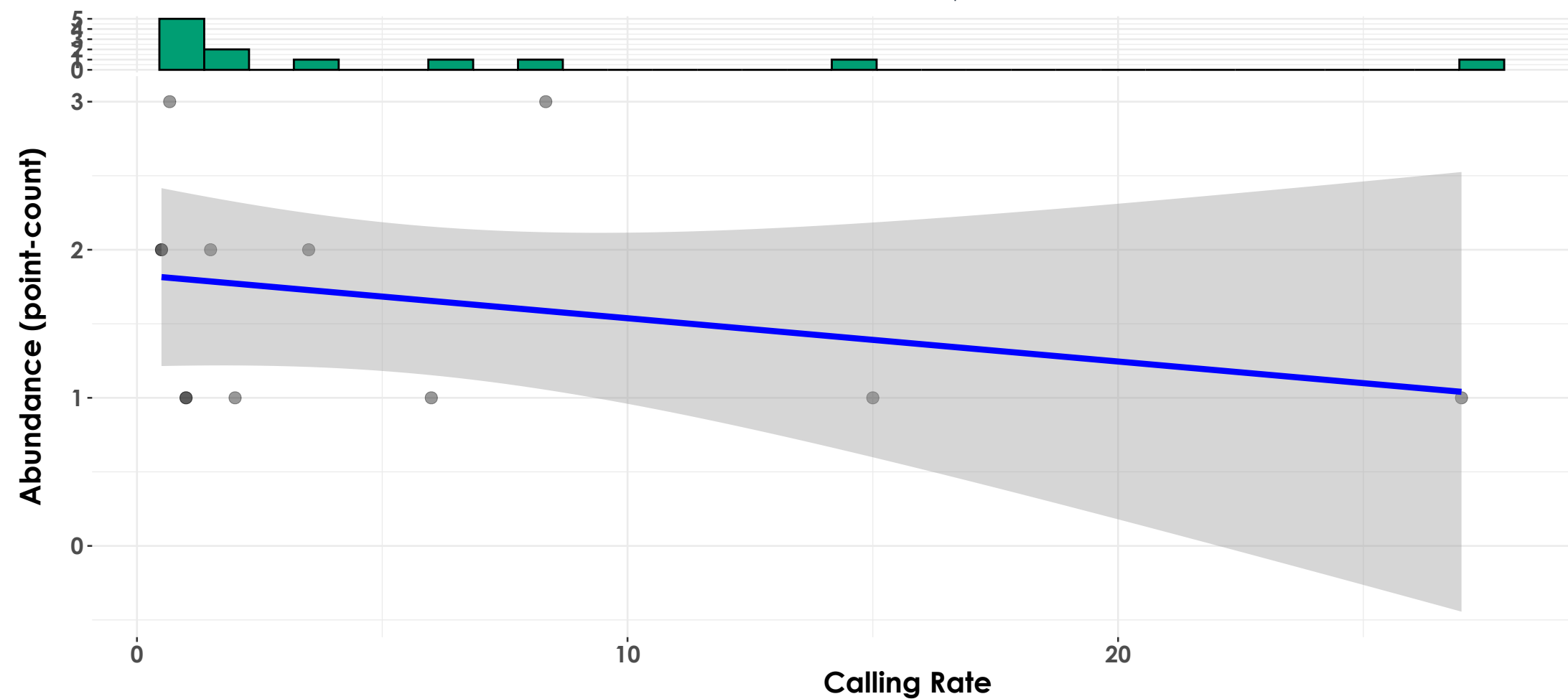
Acadia National Park - 2023
$t_{\text{Student}}(12) = -0.60$, $p = 0.56$, $\hat{r}_{\text{Winsorized}} = -0.17$, $\text{CI}_{95\%}$ [-0.64, 0.40], $n_{\text{pairs}} = 14$
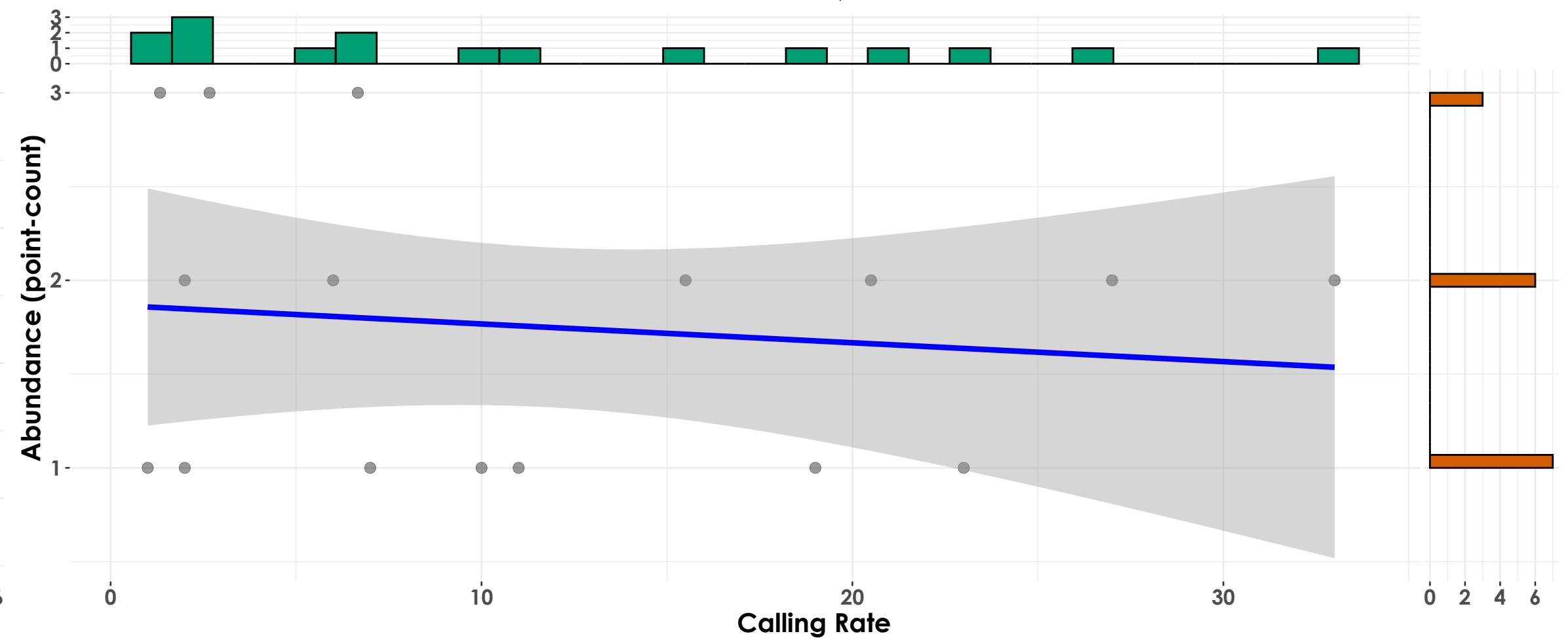
Hubbard Brook Experimental Forest - 2023
$t_{\text{Student}}(10) = -0.99$, $p = 0.34$, $\hat{r}_{\text{Winsorized}} = -0.30$, $\text{CI}_{95\%}$ [-0.75, 0.33], $n_{\text{pairs}} = 12$
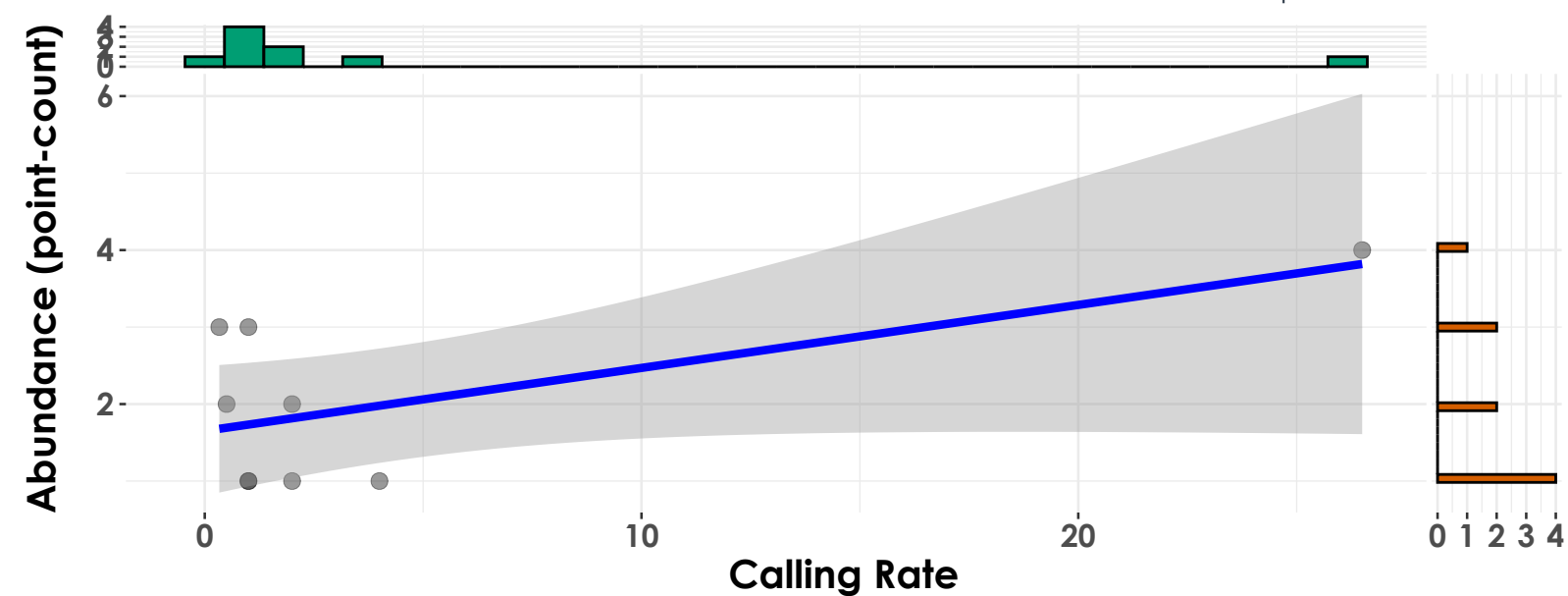
Kawishiwi Watershed - 2023
$t_{\text{Student}}(14) = 0.12$, $p = 0.91$, $\hat{r}_{\text{Winsorized}} = 0.03$, $\text{CI}_{95\%}$ [-0.47, 0.52], $n_{\text{pairs}} = 16$
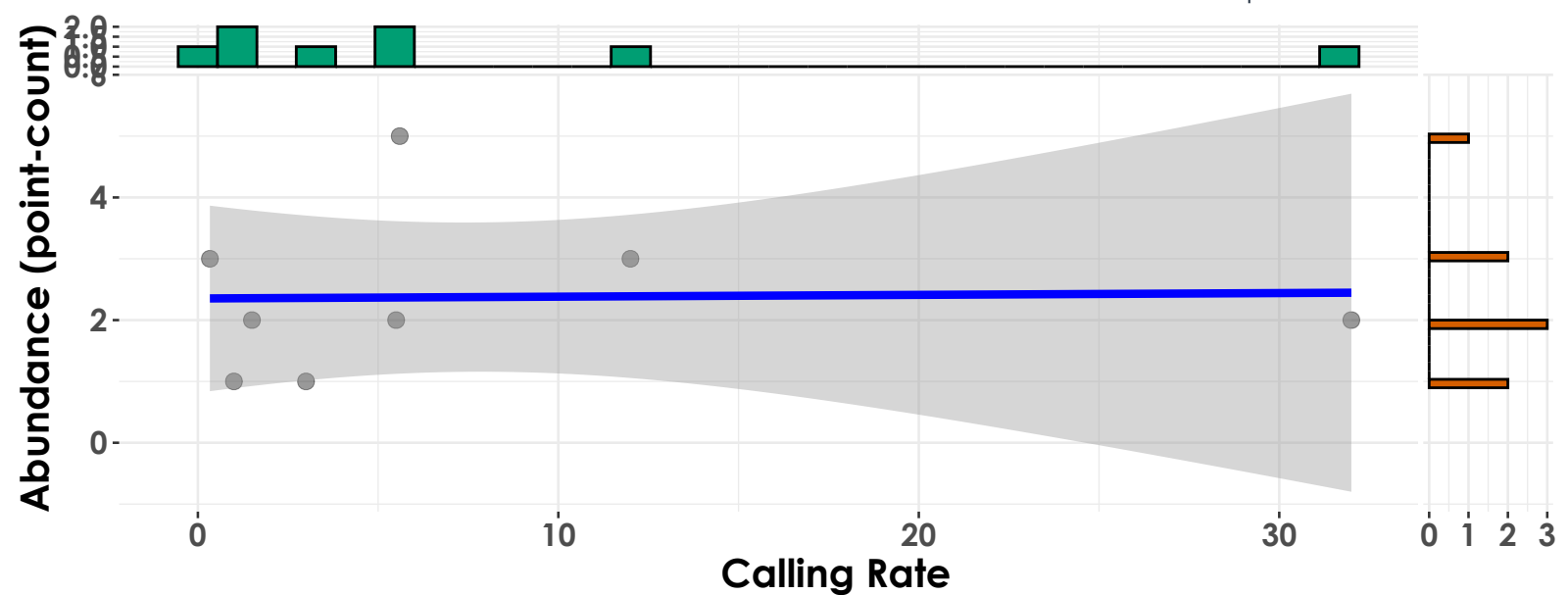
Black-capped Chickadee

Acadia National Park - 2022
$t_{\text{Student}}(7) = -0.19$, $p = 0.86$, $\hat{r}_{\text{Winsorized}} = -0.07$, $\text{CI}_{95\%}$ [-0.70, 0.62], $n_{\text{pairs}} = 9$
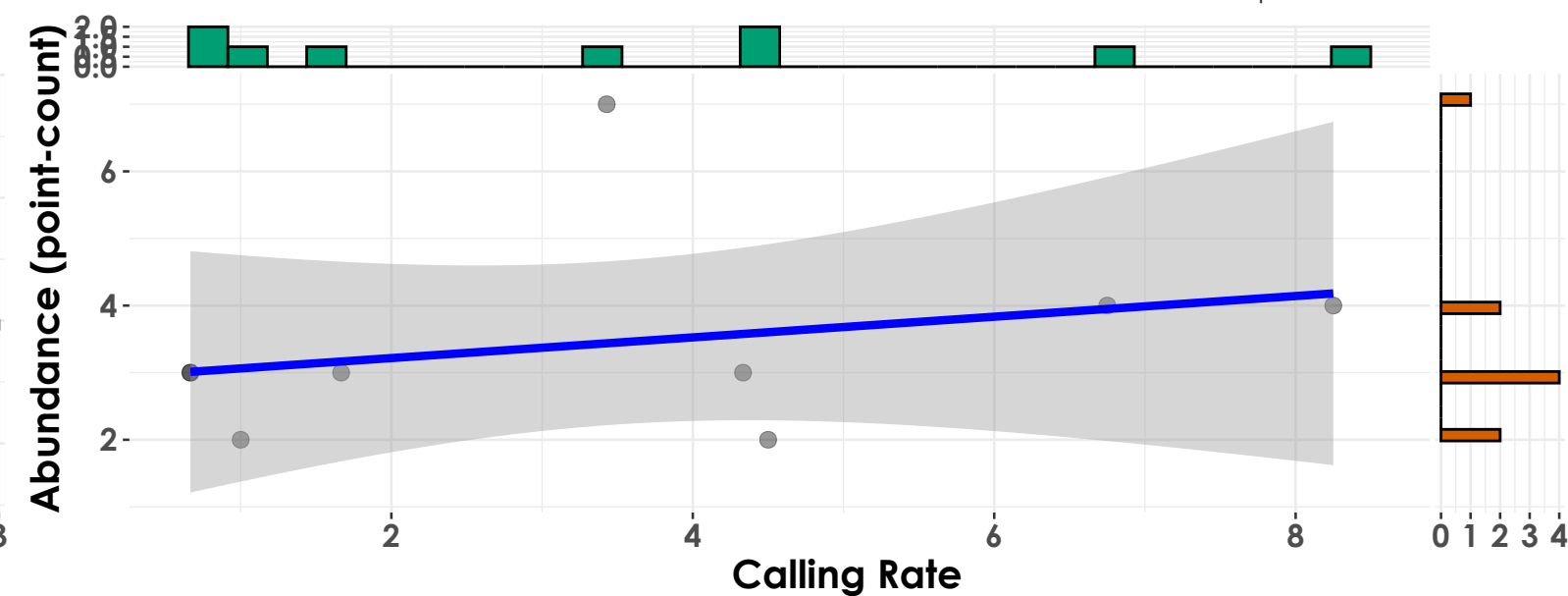
Acadia National Park - 2023
$t_{\text{Student}}(6) = 0.92$, $p = 0.39$, $\hat{r}_{\text{Winsorized}} = 0.35$, $\text{CI}_{95\%}$ [-0.47, 0.85], $n_{\text{pairs}} = 8$
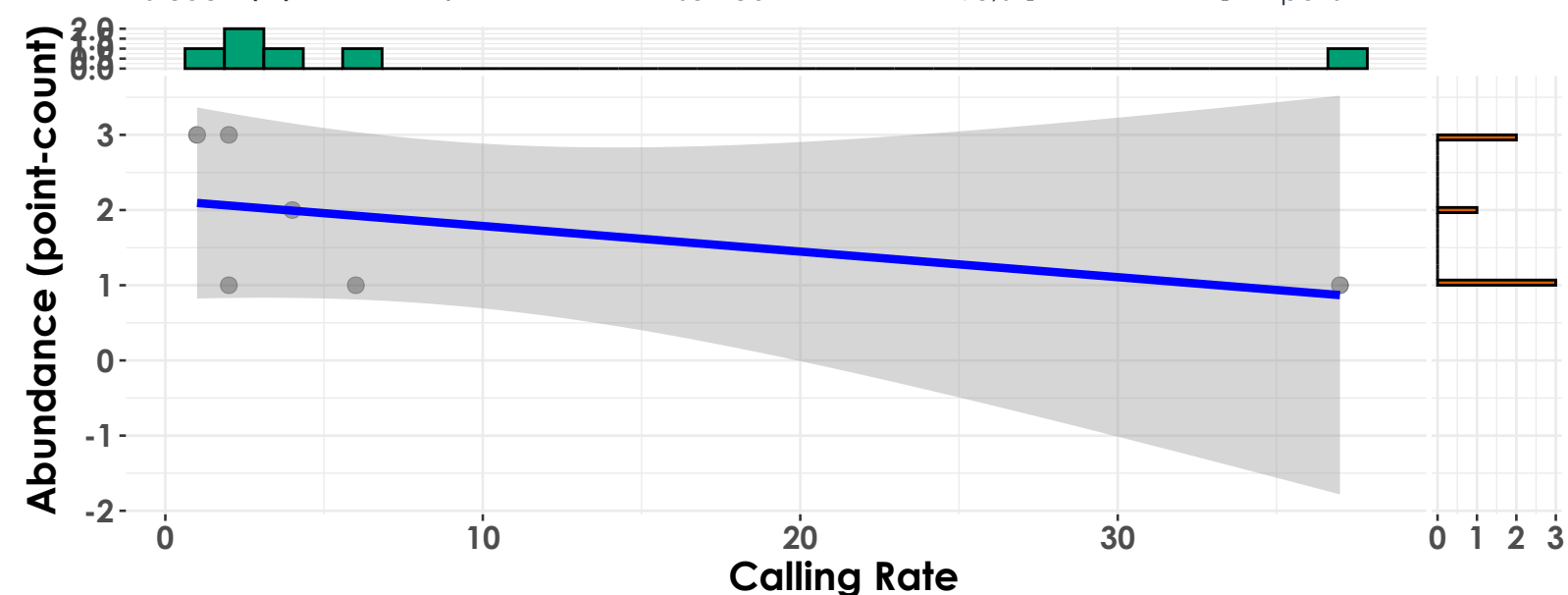
Hubbard Brook Experimental Forest - 2022
$t_{\text{Student}}(7) = 1.65$, $p = 0.14$, $\hat{r}_{\text{Winsorized}} = 0.53$, $\text{CI}_{95\%}$ [-0.21, 0.88], $n_{\text{pairs}} = 9$
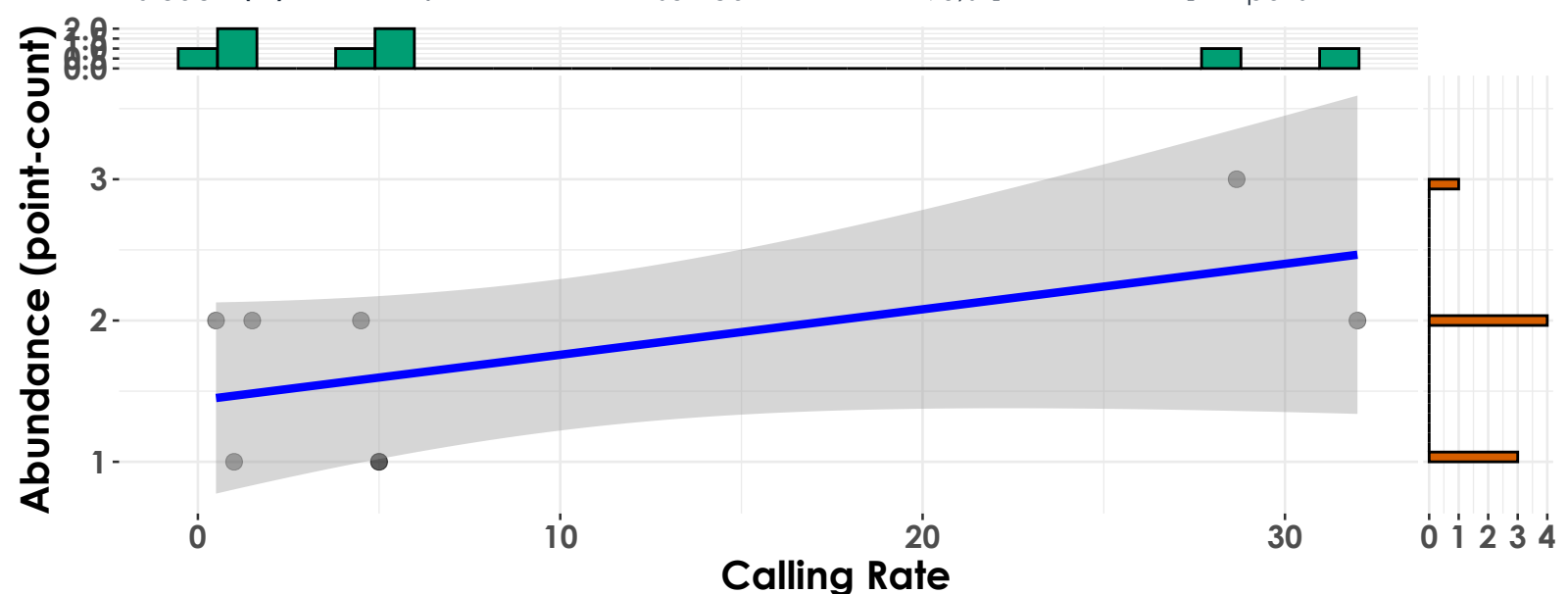
Hubbard Brook Experimental Forest - 2023
$t_{\text{Student}}(4) = -1.73$, $p = 0.16$, $\hat{r}_{\text{Winsorized}} = -0.66$, $\text{CI}_{95\%}$ [-0.96, 0.33], $n_{\text{pairs}} = 6$
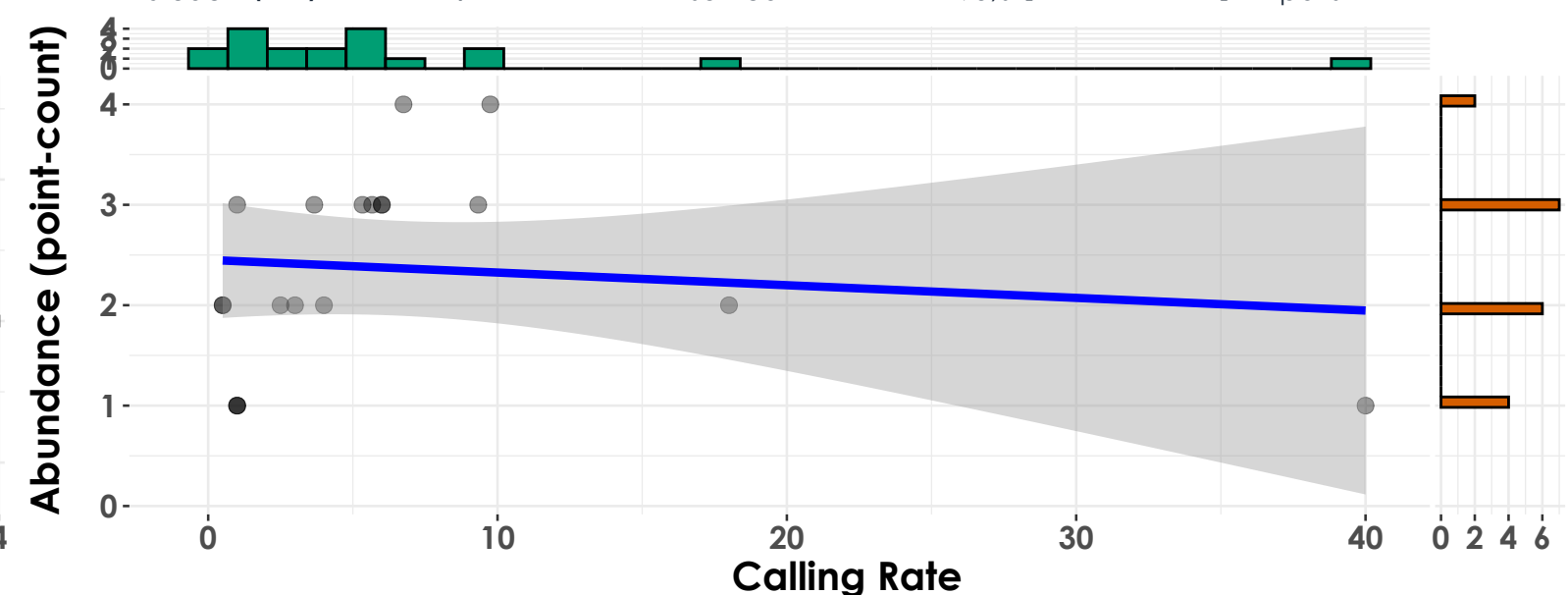
Kawishiwi Watershed - 2023
$t_{\text{Student}}(6) = 1.06$, $p = 0.33$, $\hat{r}_{\text{Winsorized}} = 0.40$, $\text{CI}_{95\%}$ [-0.43, 0.86], $n_{\text{pairs}} = 8$
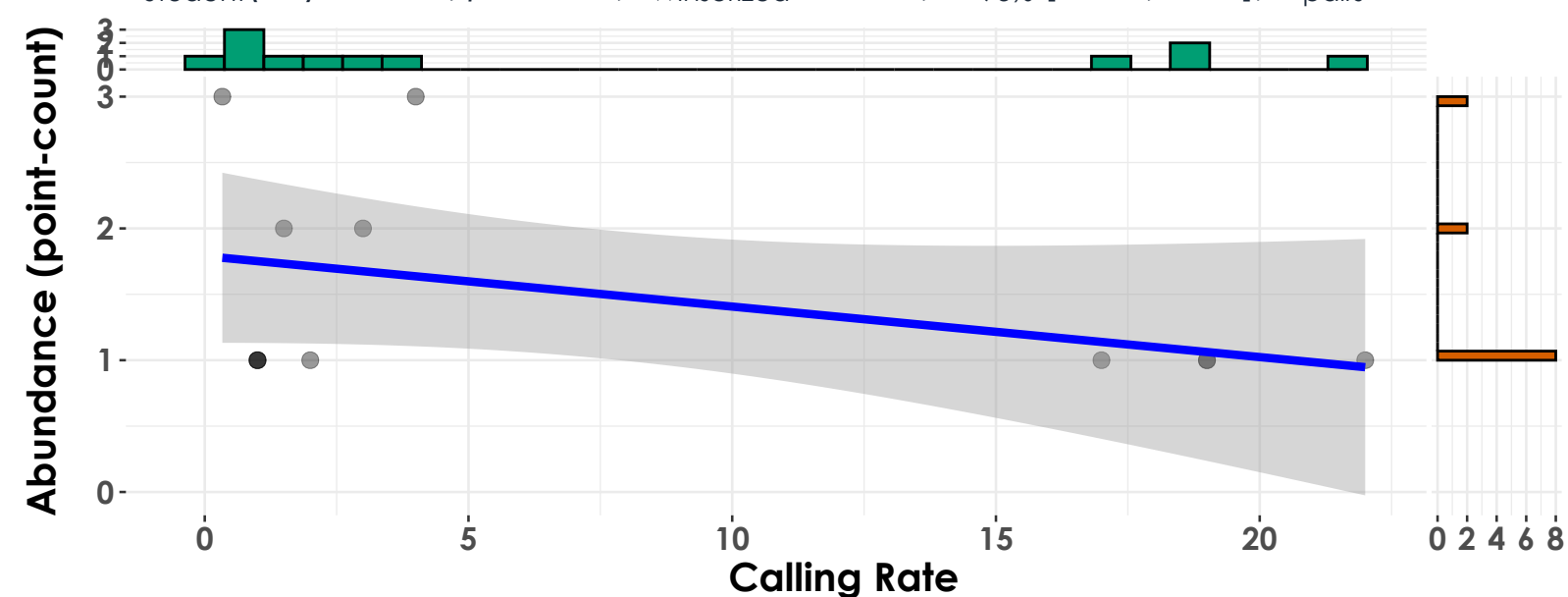
Marsh-Billings-Rockefeller NHP - 2022
$t_{\text{Student}}(17) = 1.73$, $p = 0.10$, $\hat{r}_{\text{Winsorized}} = 0.39$, $\text{CI}_{95\%}$ [-0.08, 0.72], $n_{\text{pairs}} = 19$

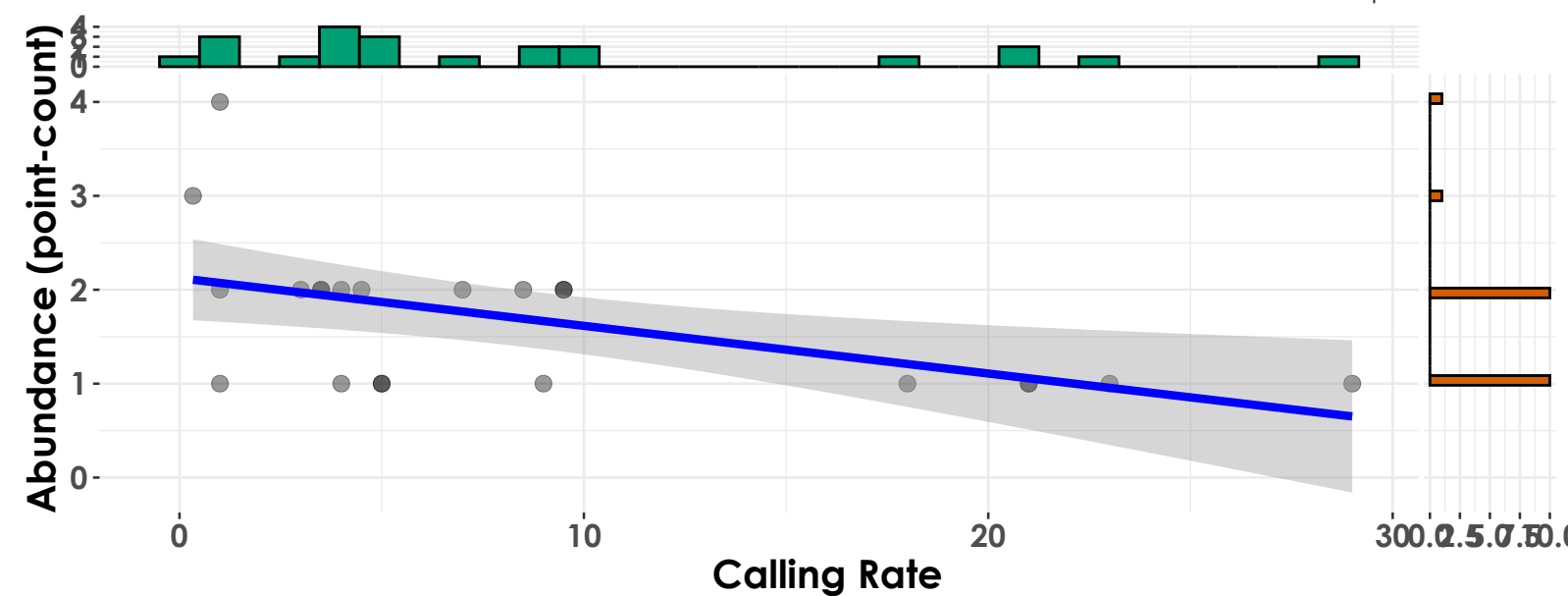## Marsh-Billings-Rockefeller NHP - 2023
$t_{\text{Student}}(10) = -1.58$, $p = 0.15$, $\hat{r}_{\text{Winsorized}} = -0.45$, $\text{CI}_{95\%}$ [-0.81, 0.17], $n_{\text{pairs}} = 12$
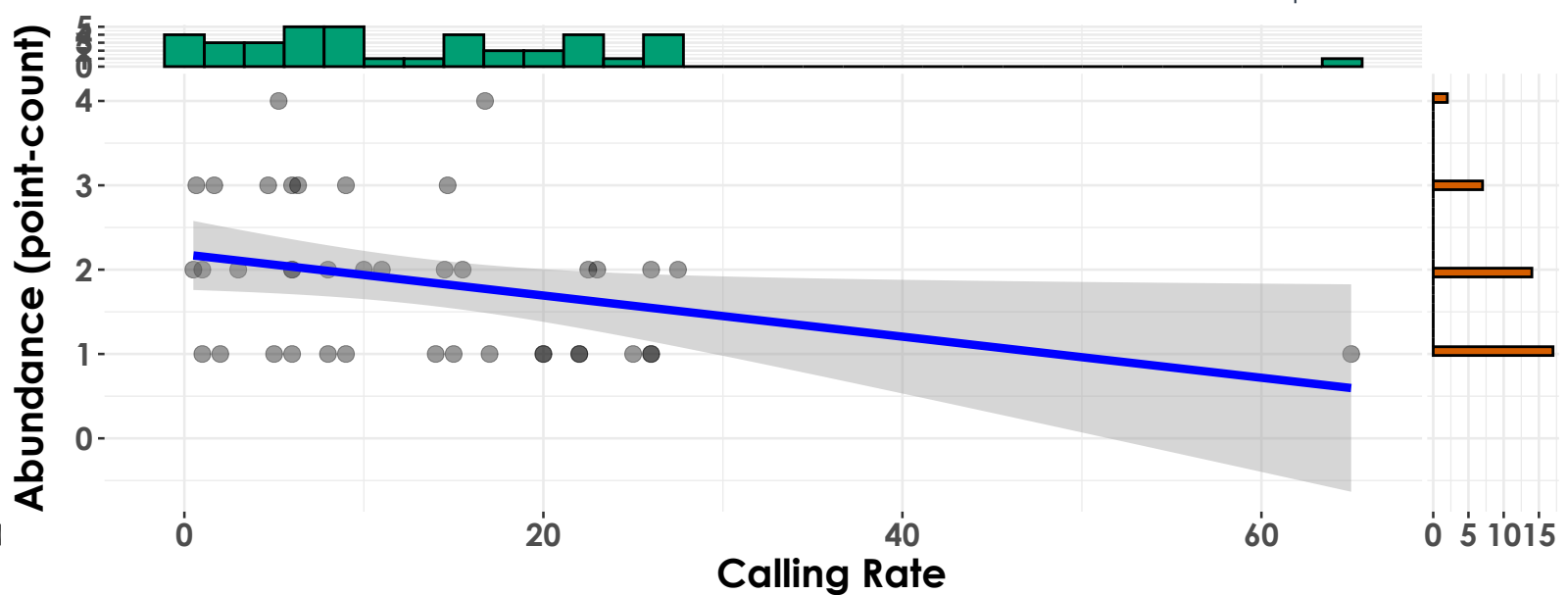
Ovenbird

Acadia National Park - 2022

$t_{\text{Student}}(20) = -2.98, p = 7.41\text{e-}03, \hat{r}_{\text{Winsorized}} = -0.55, \text{CI}_{95\%} [-0.79, -0.17], n_{\text{pairs}} = 22$
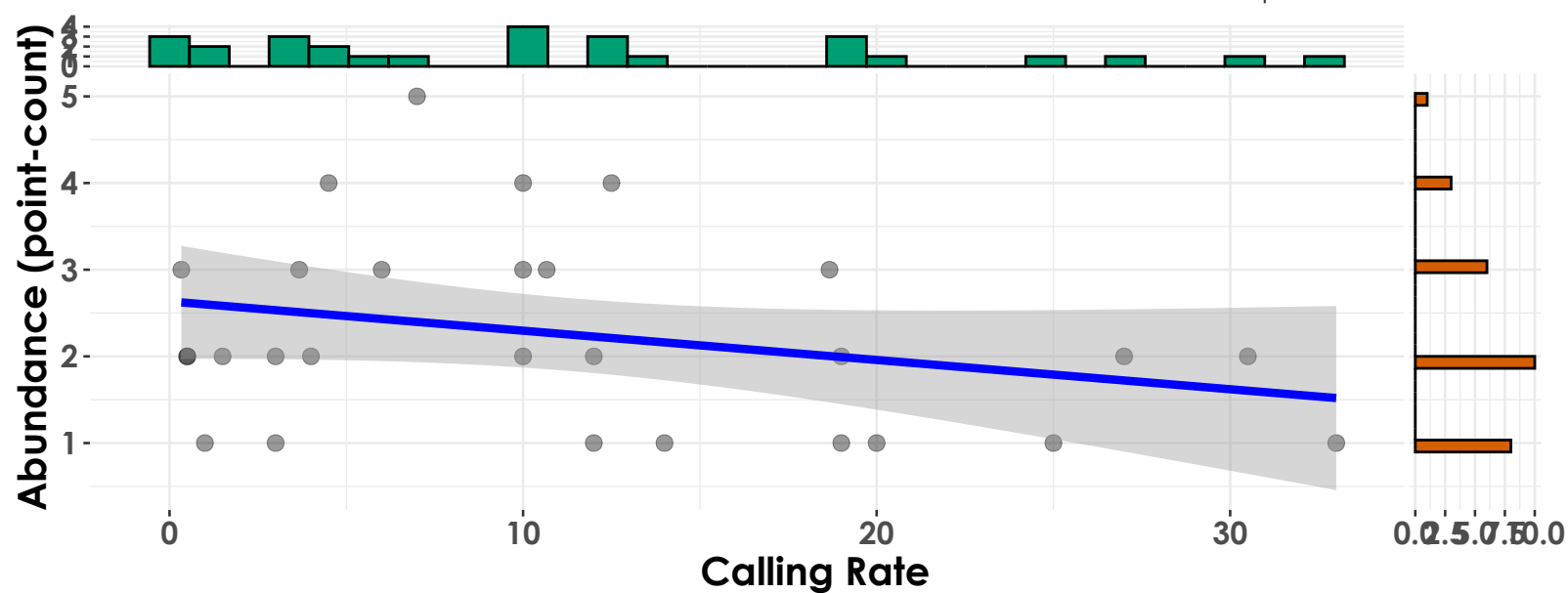

Acadia National Park - 2023

$t_{\text{Student}}(38) = -2.54, p = 0.02, \hat{r}_{\text{Winsorized}} = -0.38, \text{CI}_{95\%} [-0.62, -0.08], n_{\text{pairs}} = 40$
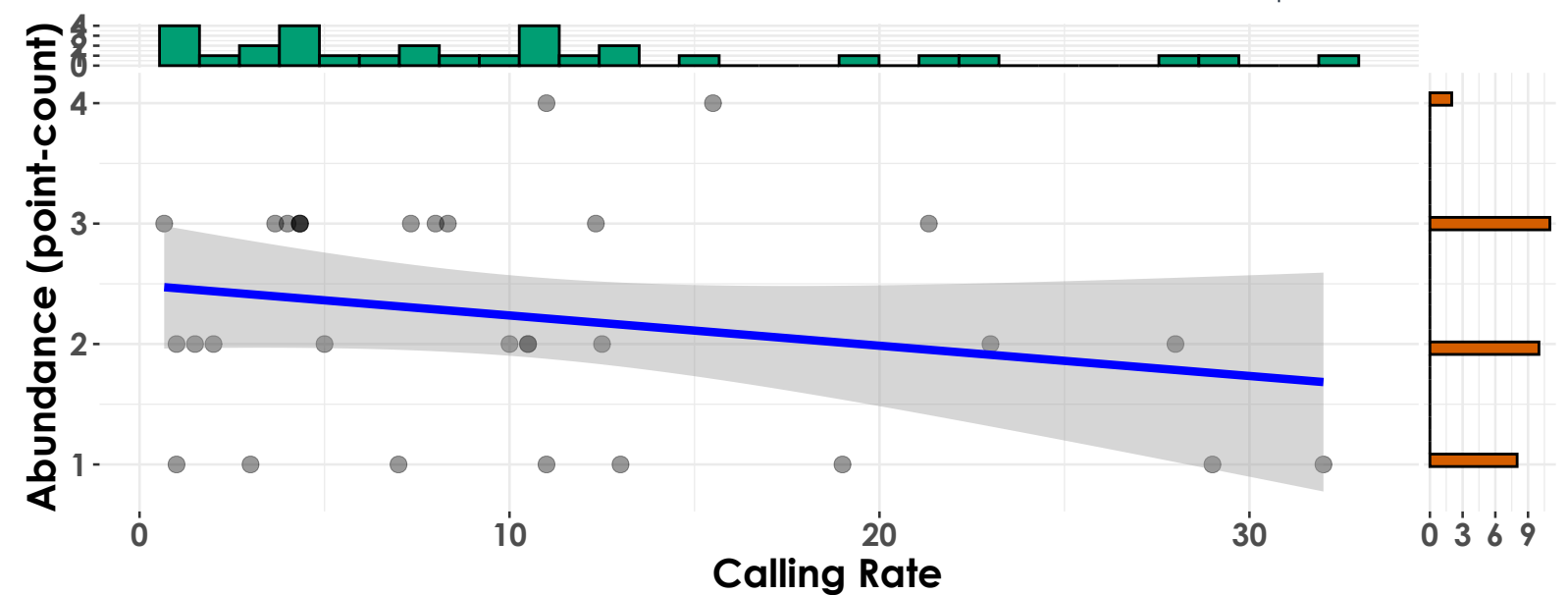

Hubbard Brook Experimental Forest - 2022

$t_{\text{Student}}(26) = -1.59, p = 0.12, \hat{r}_{\text{Winsorized}} = -0.30, \text{CI}_{95\%} [-0.60, 0.08], n_{\text{pairs}} = 28$
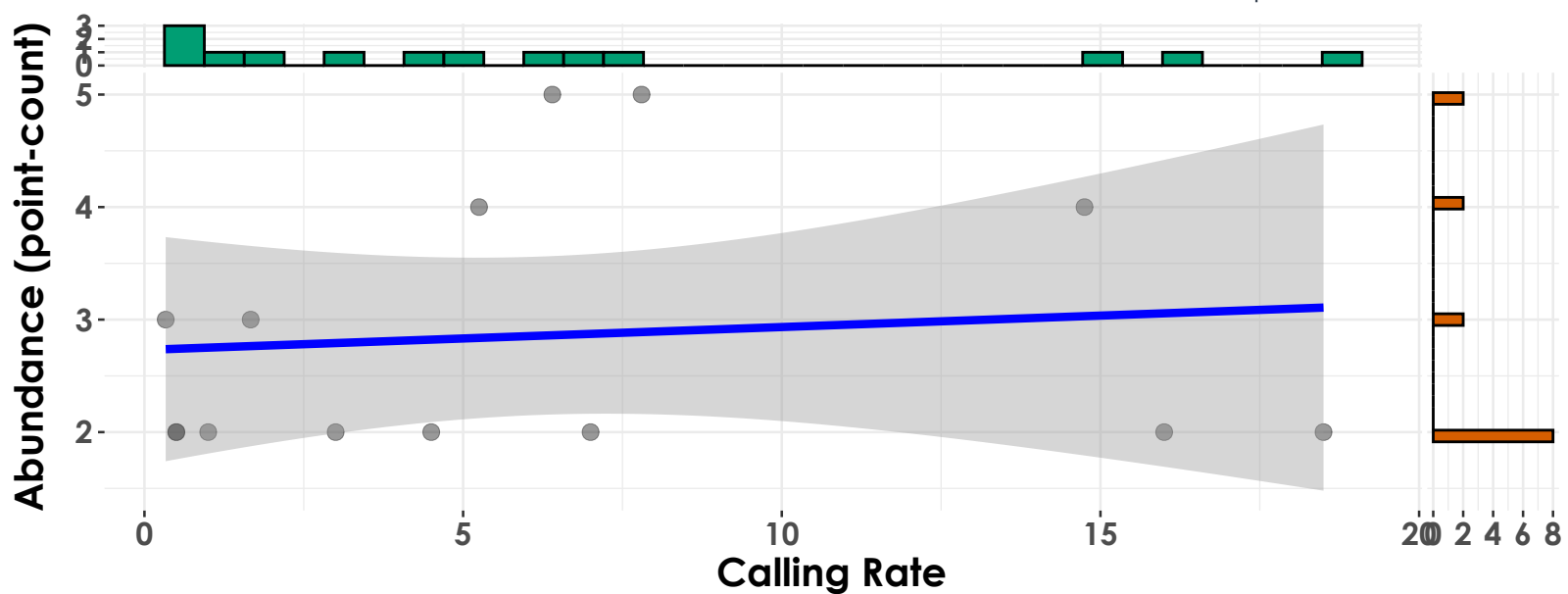

Hubbard Brook Experimental Forest - 2023

$t_{\text{Student}}(29) = -1.31, p = 0.20, \hat{r}_{\text{Winsorized}} = -0.24, \text{CI}_{95\%} [-0.54, 0.13], n_{\text{pairs}} = 31$
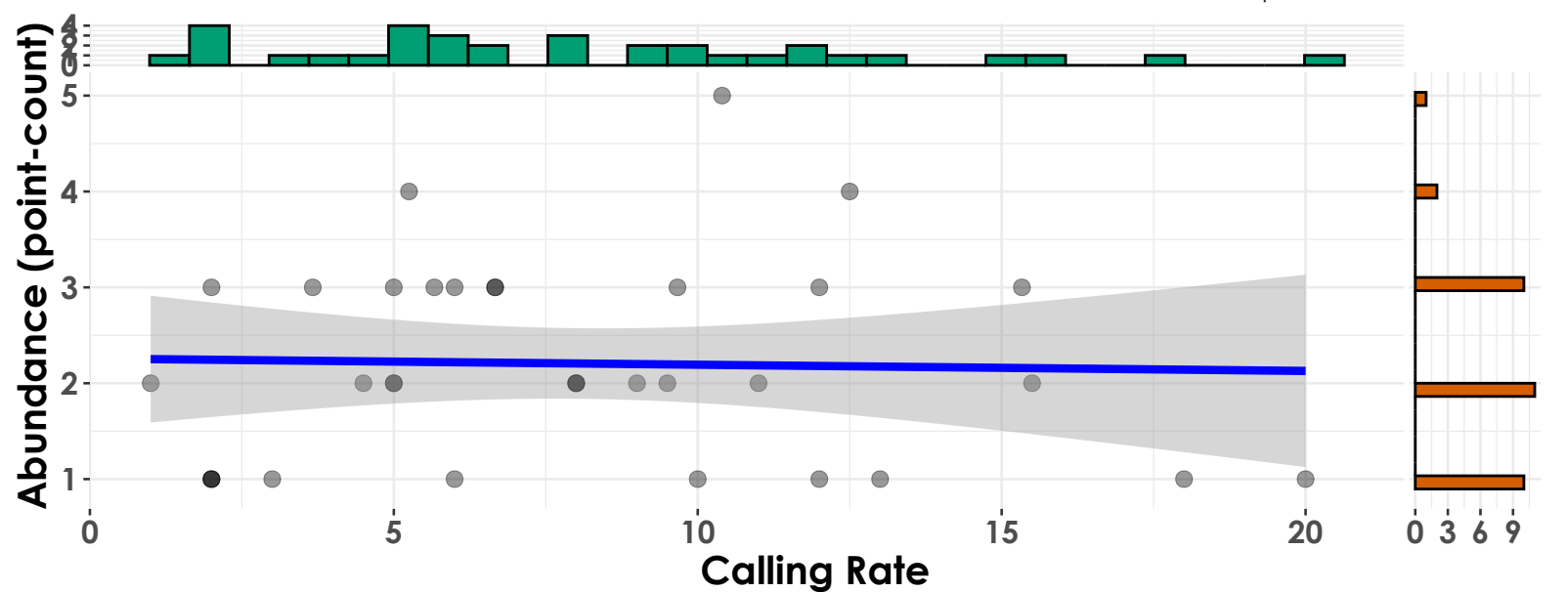

Kawishiwi Watershed - 2022

$t_{\text{Student}}(12) = 0.64, p = 0.53, \hat{r}_{\text{Winsorized}} = 0.18, \text{CI}_{95\%} [-0.39, 0.65], n_{\text{pairs}} = 14$
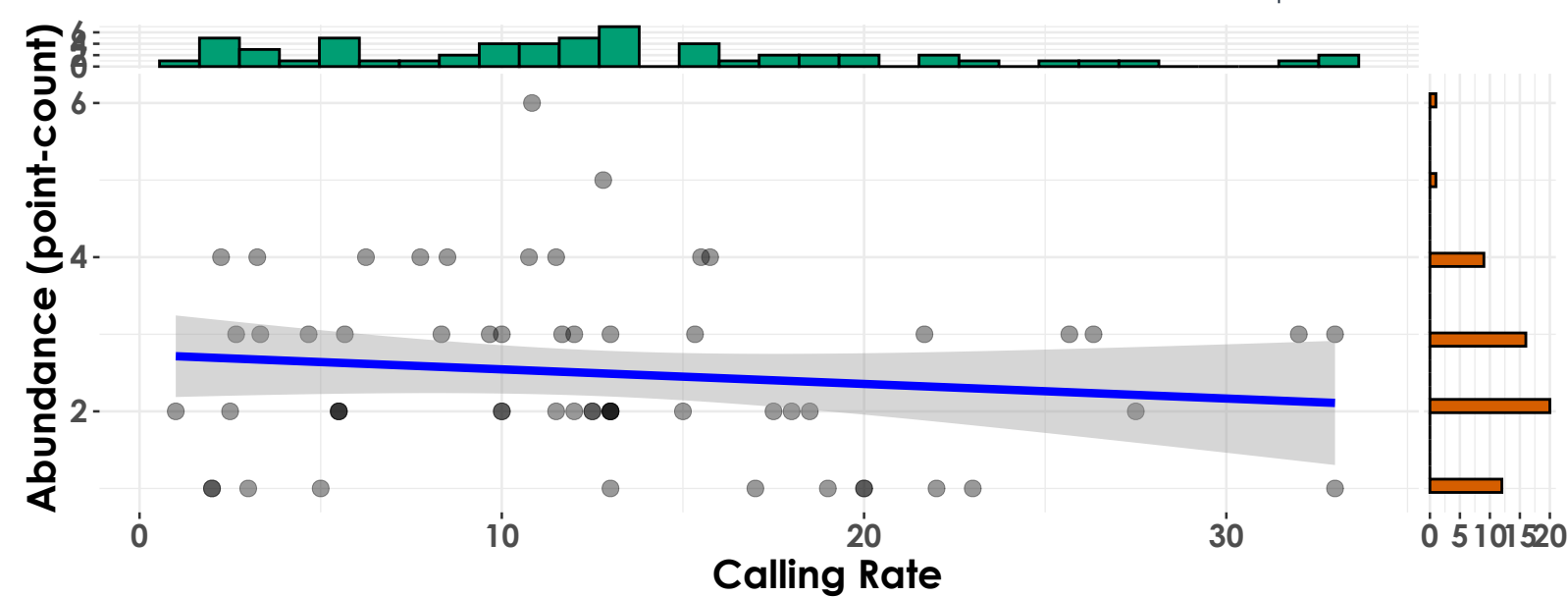

Kawishiwi Watershed - 2023

$t_{\text{Student}}(32) = -0.19, p = 0.85, \hat{r}_{\text{Winsorized}} = -0.03, \text{CI}_{95\%} [-0.37, 0.31], n_{\text{pairs}} = 34$
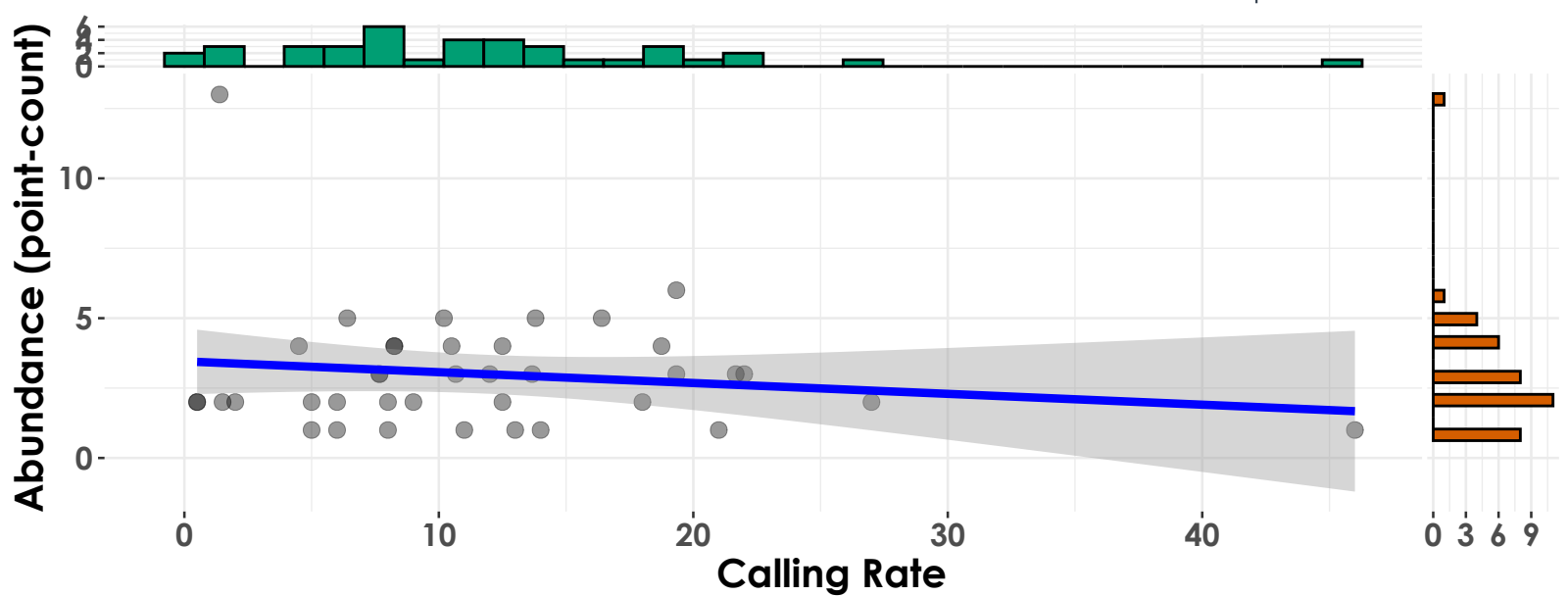

Marsh-Billings-Rockefeller NHP - 2022

$t_{\text{Student}}(57) = -1.29, p = 0.20, \hat{r}_{\text{Winsorized}} = -0.17, \text{CI}_{95\%} [-0.41, 0.09], n_{\text{pairs}} = 59$

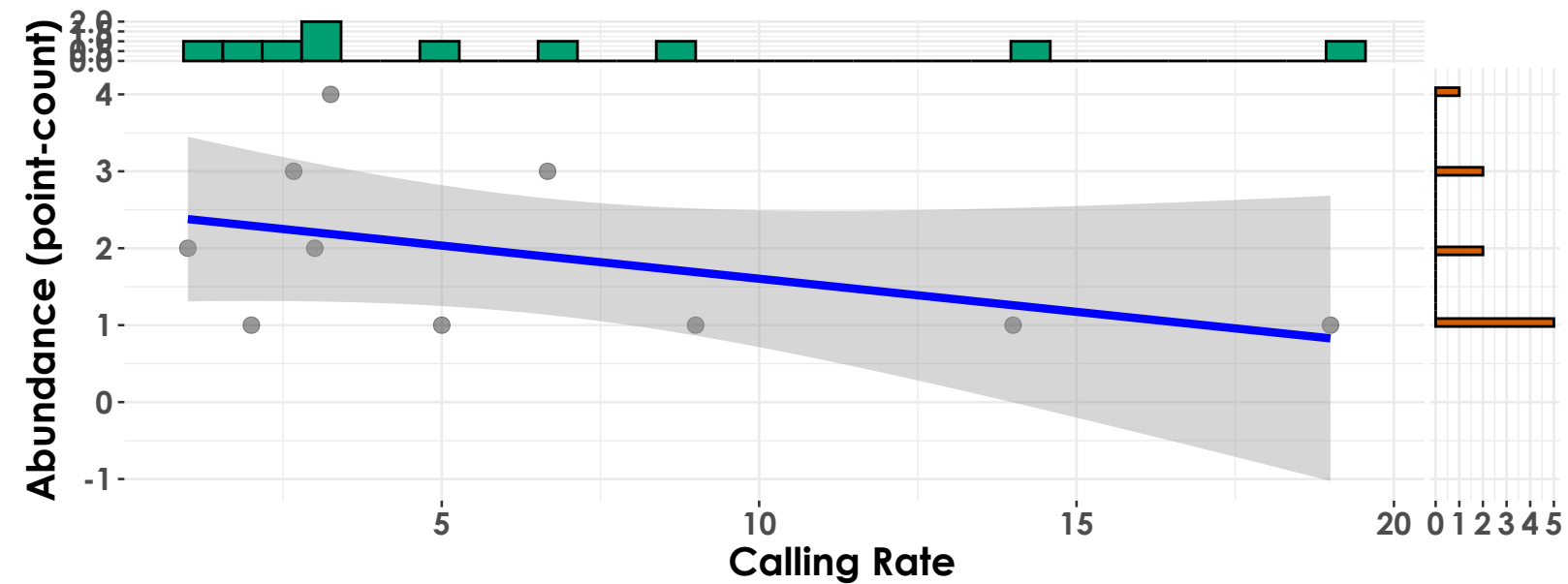## Marsh-Billings-Rockefeller NHP - 2023

$t_{\text{Student}}(37) = 0.39, p = 0.70, \hat{r}_{\text{Winsorized}} = 0.06, \text{CI}_{95\%} [-0.26, 0.37], n_{\text{pairs}} = 39$
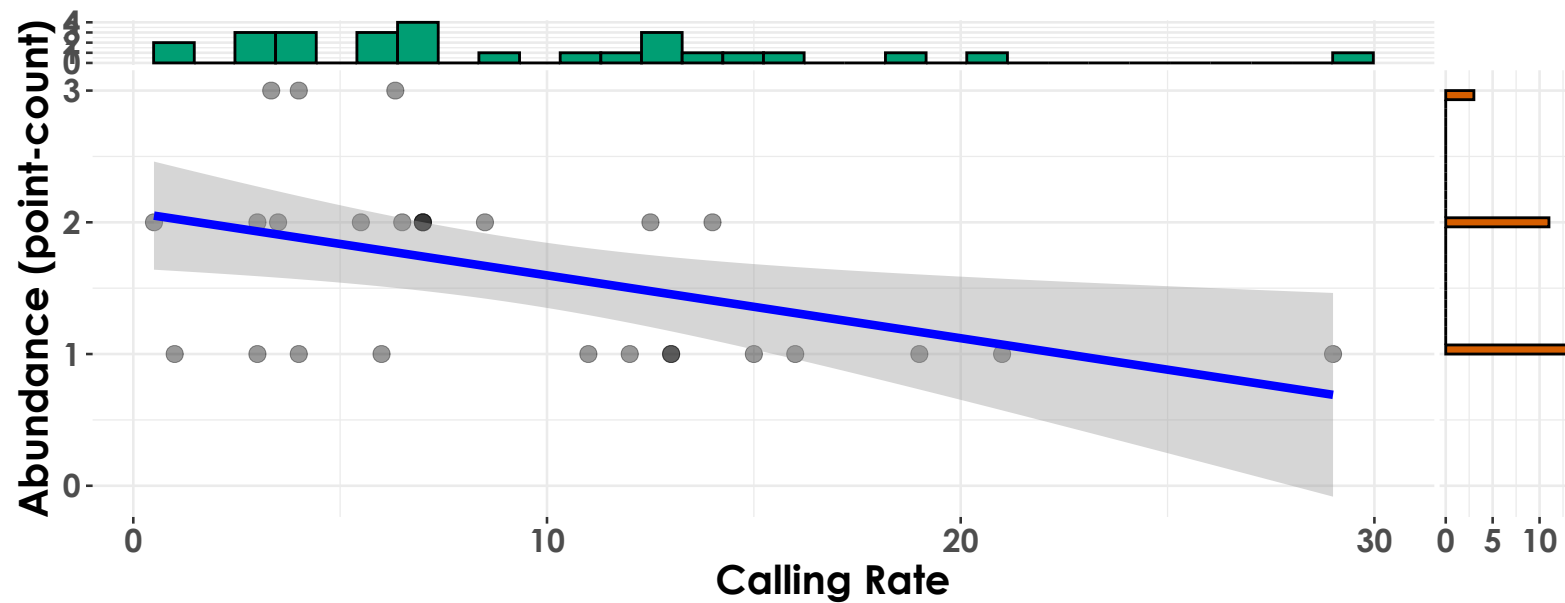
Red-eyed Vireo

Acadia National Park - 2022
$t_{\text{Student}}(8) = -1.58, p = 0.15, \hat{r}_{\text{Winsorized}} = -0.49, \text{CI}_{95\%} [-0.85, 0.21], n_{\text{pairs}} = 10$
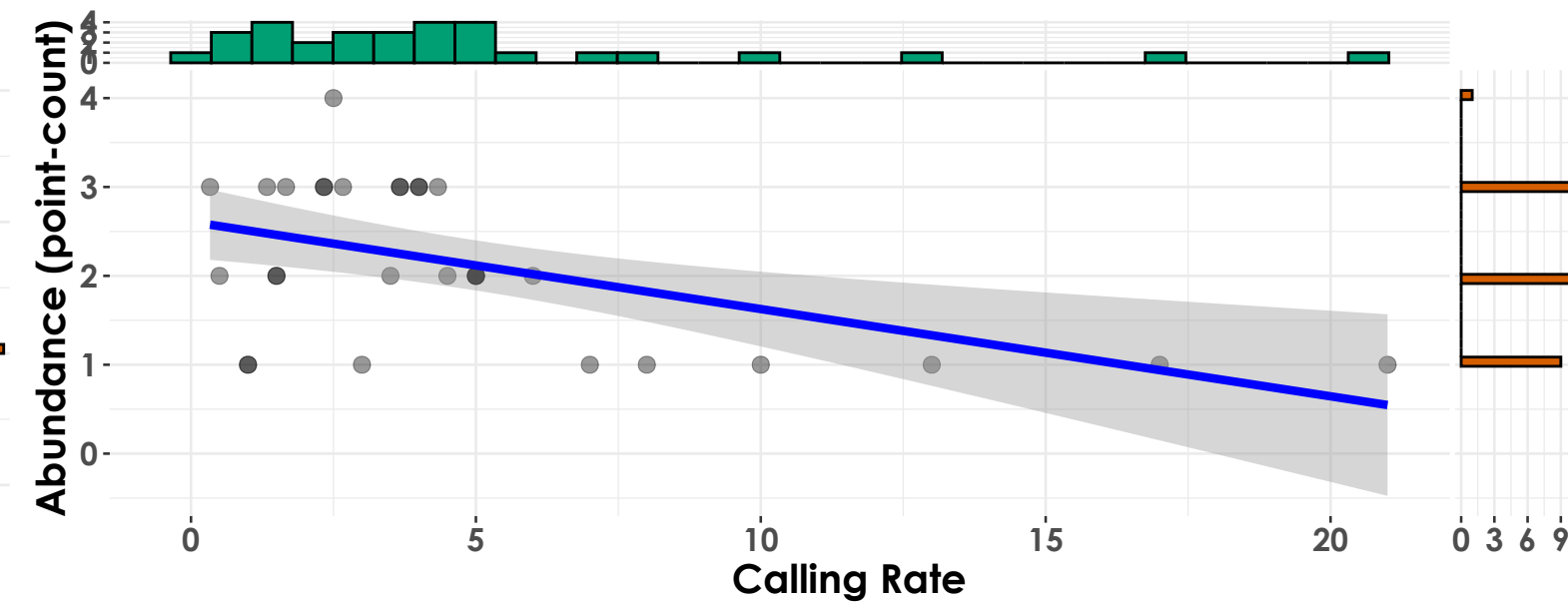

Acadia National Park - 2023
$t_{\text{Student}}(25) = -2.59, p = 0.02, \hat{r}_{\text{Winsorized}} = -0.46, \text{CI}_{95\%} [-0.71, -0.10], n_{\text{pairs}} = 27$
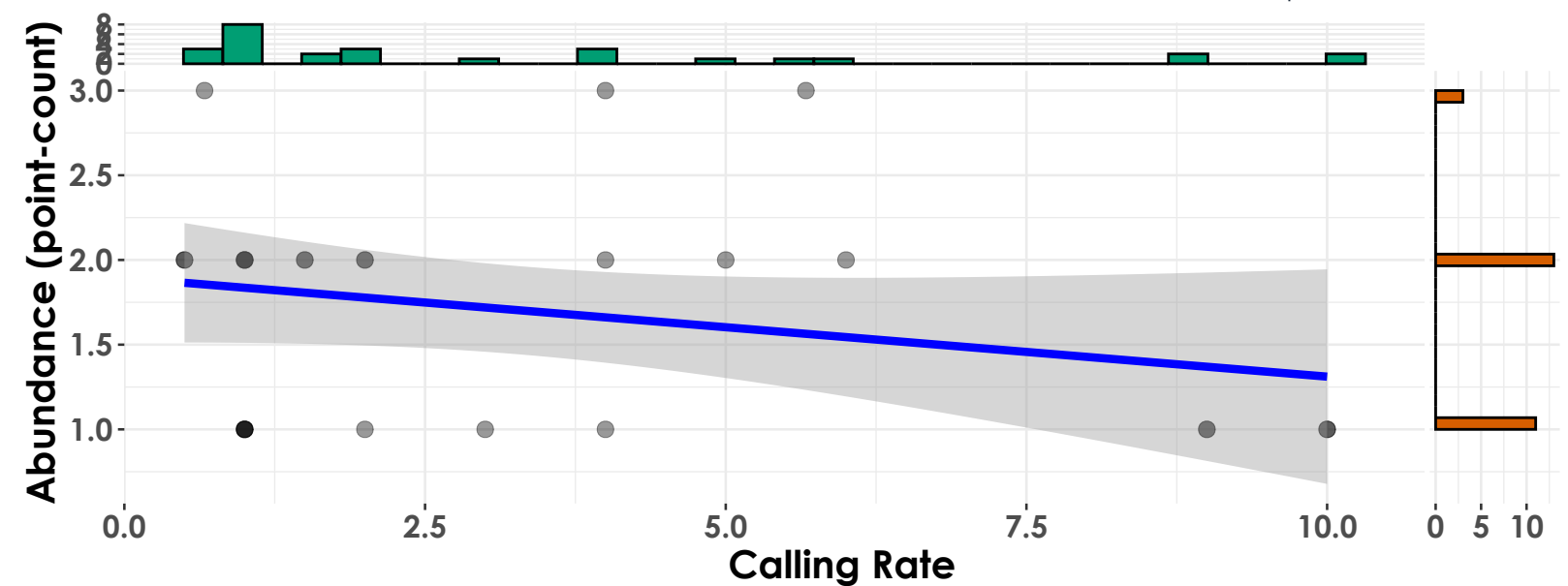

Hubbard Brook Experimental Forest - 2022
$t_{\text{Student}}(29) = -2.63, p = 0.01, \hat{r}_{\text{Winsorized}} = -0.44, \text{CI}_{95\%} [-0.69, -0.10], n_{\text{pairs}} = 31$
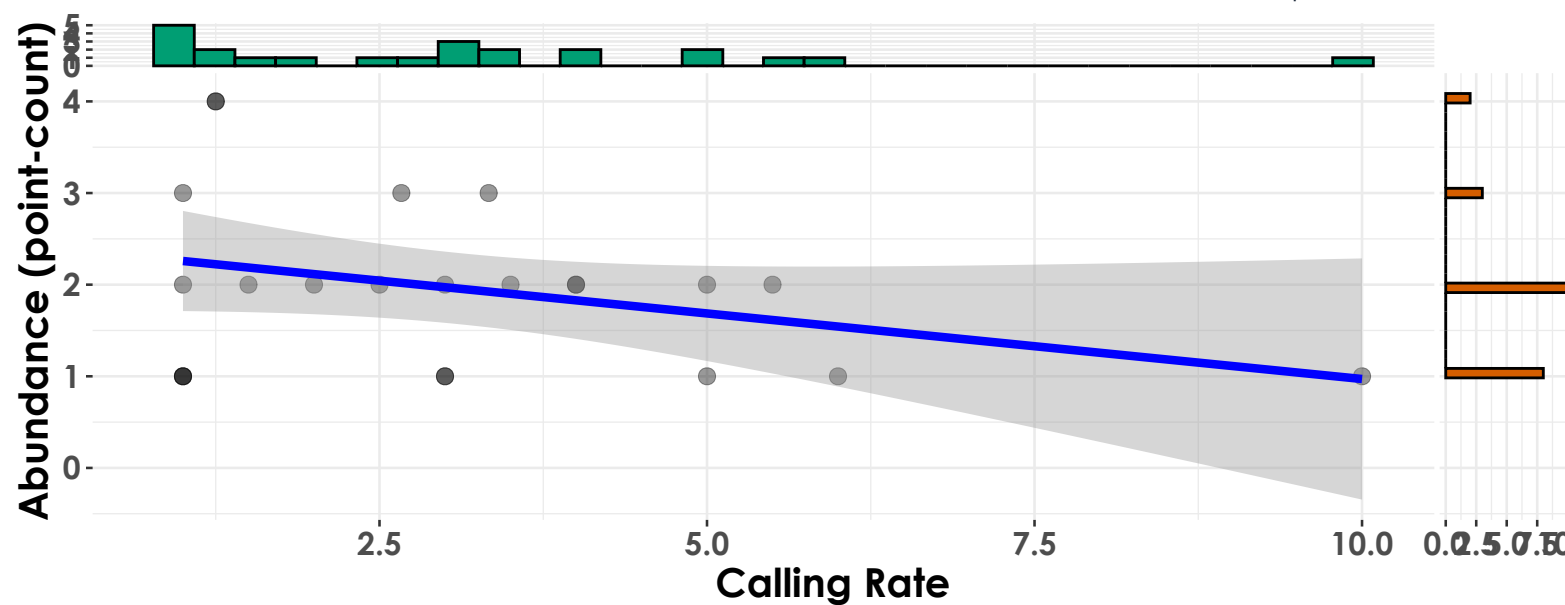

Hubbard Brook Experimental Forest - 2023
$t_{\text{Student}}(25) = -1.11, p = 0.28, \hat{r}_{\text{Winsorized}} = -0.22, \text{CI}_{95\%} [-0.55, 0.18], n_{\text{pairs}} = 27$
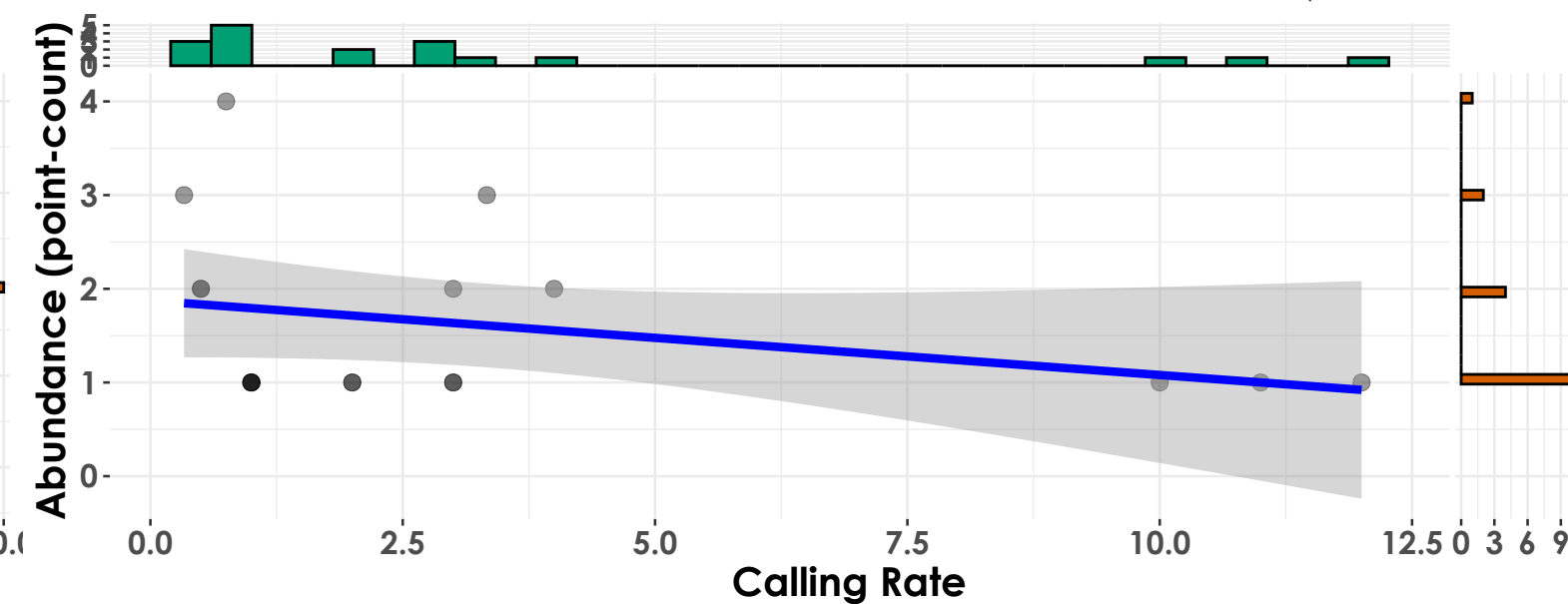

Kawishiwi Watershed - 2022
$t_{\text{Student}}(21) = -1.12, p = 0.28, \hat{r}_{\text{Winsorized}} = -0.24, \text{CI}_{95\%} [-0.59, 0.19], n_{\text{pairs}} = 23$
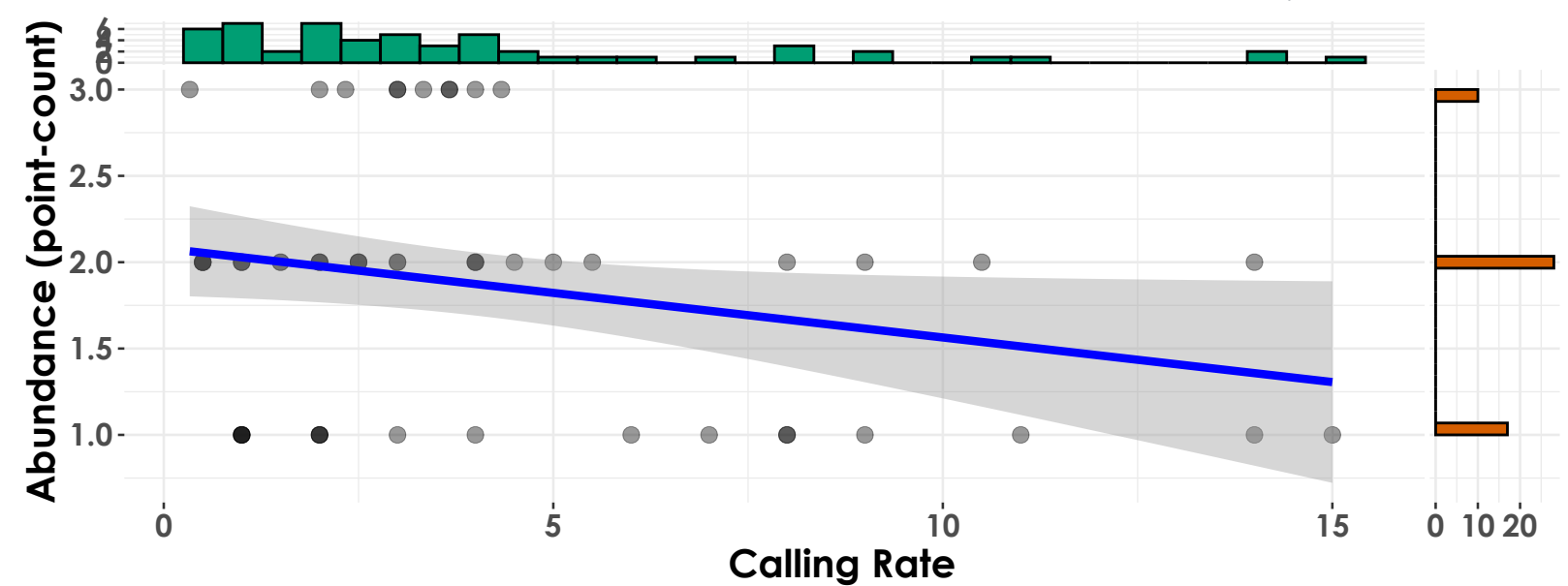

Kawishiwi Watershed - 2023
$t_{\text{Student}}(16) = -0.70, p = 0.49, \hat{r}_{\text{Winsorized}} = -0.17, \text{CI}_{95\%} [-0.59, 0.32], n_{\text{pairs}} = 18$
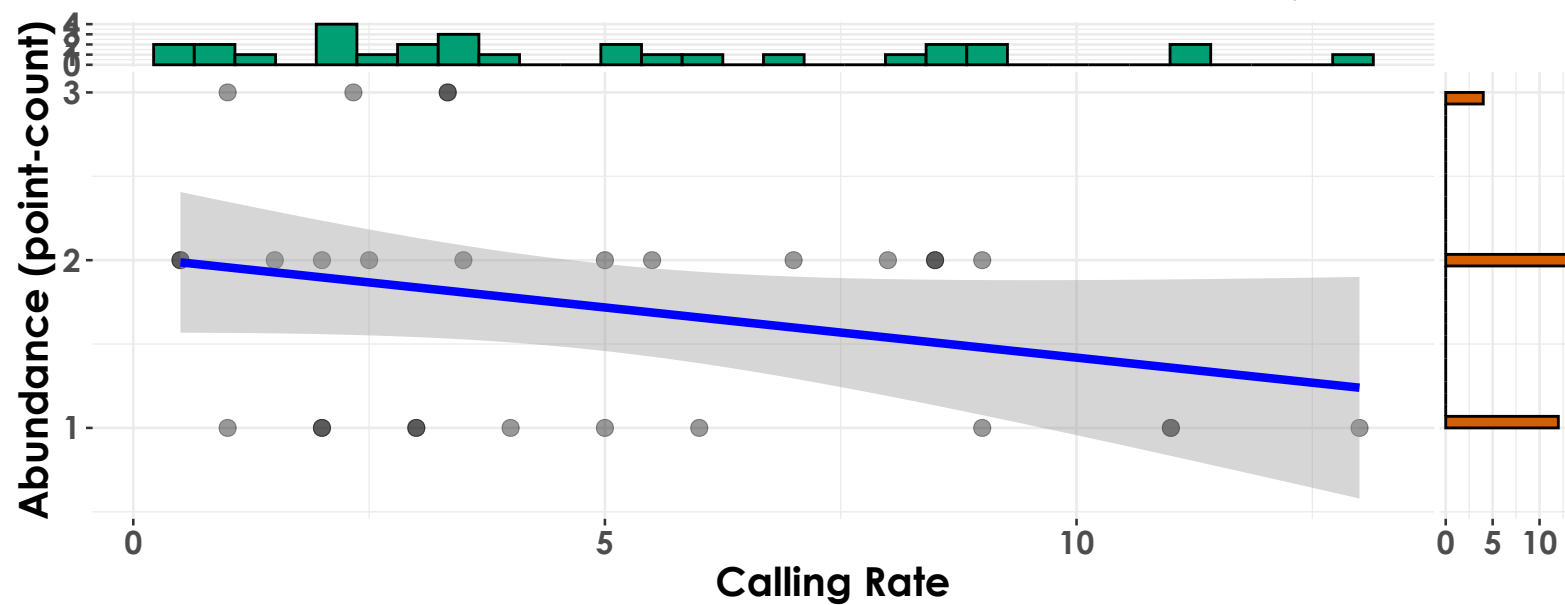

Marsh-Billings-Rockefeller NHP - 2022
$t_{\text{Student}}(53) = -1.63, p = 0.11, \hat{r}_{\text{Winsorized}} = -0.22, \text{CI}_{95\%} [-0.46, 0.05], n_{\text{pairs}} = 55$
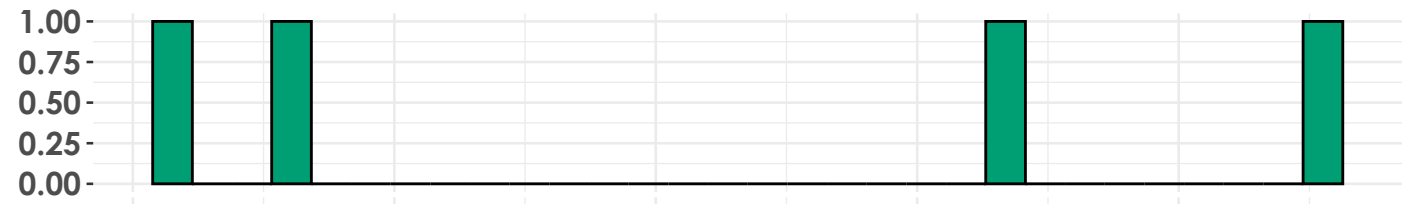

Marsh-Billings-Rockefeller NHP - 2023
$t_{\text{Student}}(27) = -0.60, p = 0.55, \hat{r}_{\text{Winsorized}} = -0.11, \text{CI}_{95\%} [-0.46, 0.26], n_{\text{pairs}} = 29$
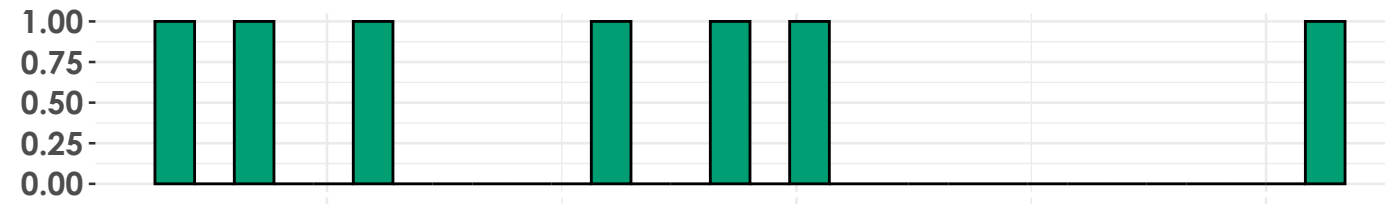
Northern Parula

Acadia National Park - 2022
$t_{\text{Student}}(2) = \text{NA}, p = \text{NA}, \hat{r}_{\text{Winsorized}} = \text{NA}, \text{CI}_{95\%}\ [\text{NA}, \text{NA}], n_{\text{pairs}} = 4$
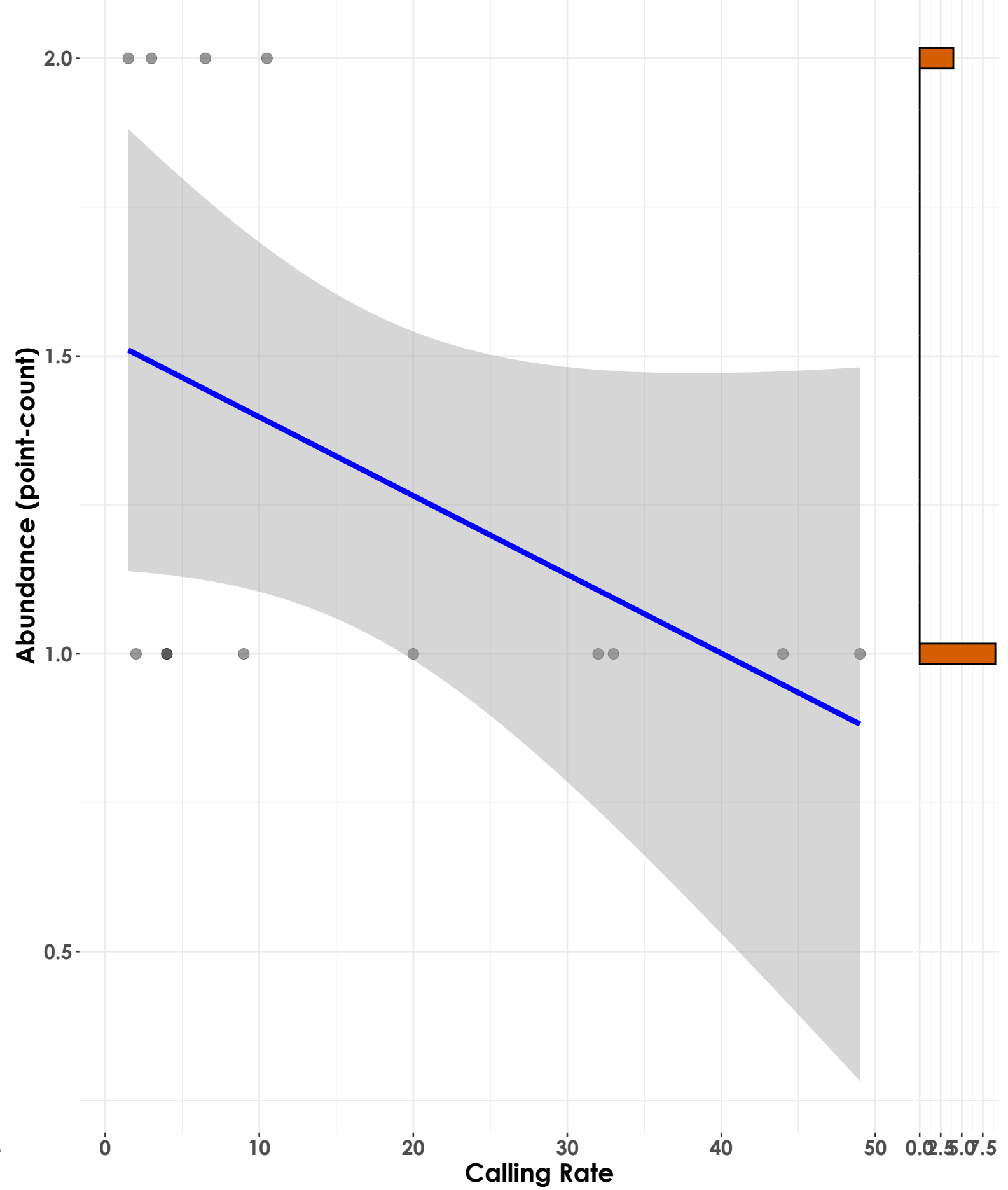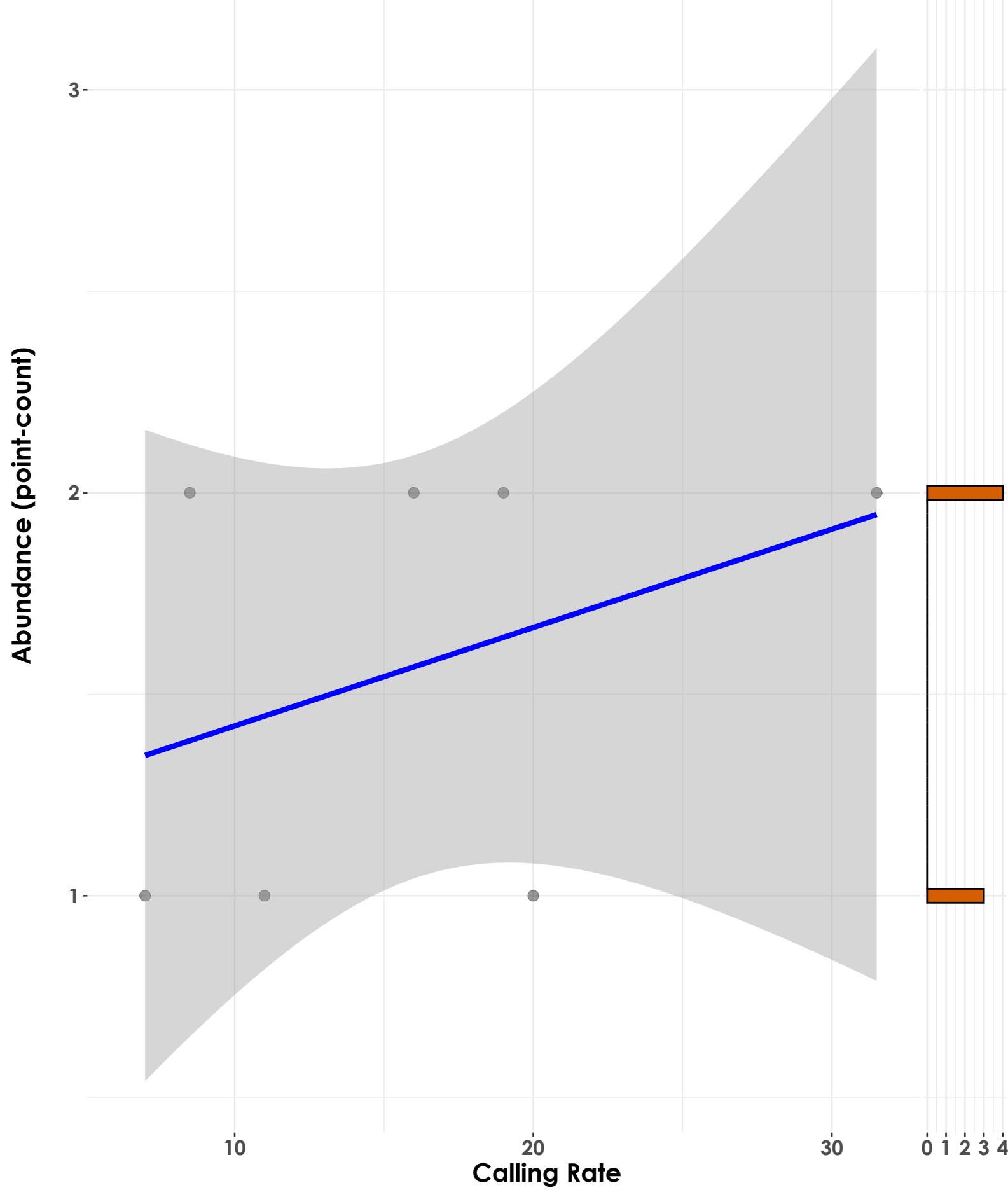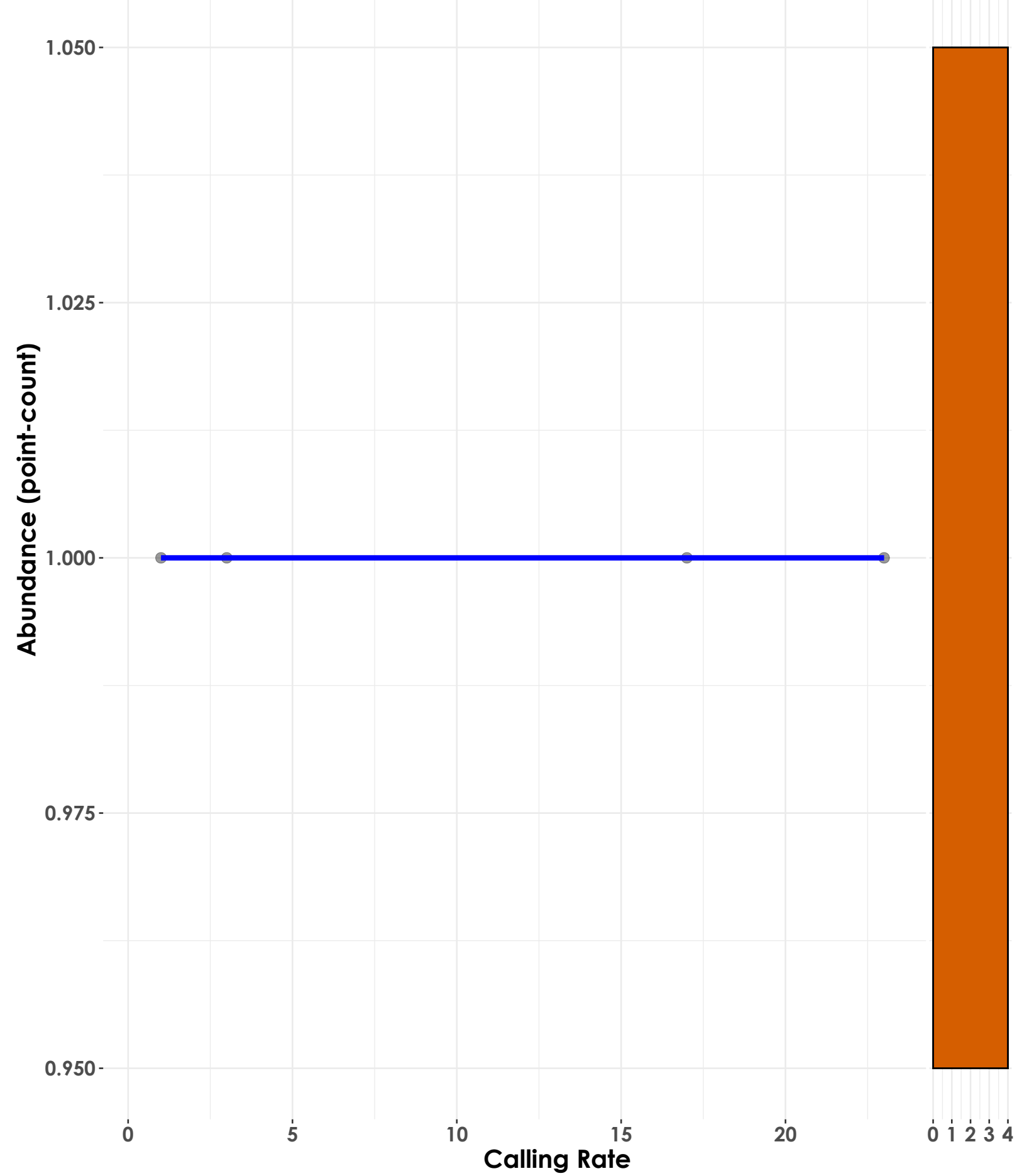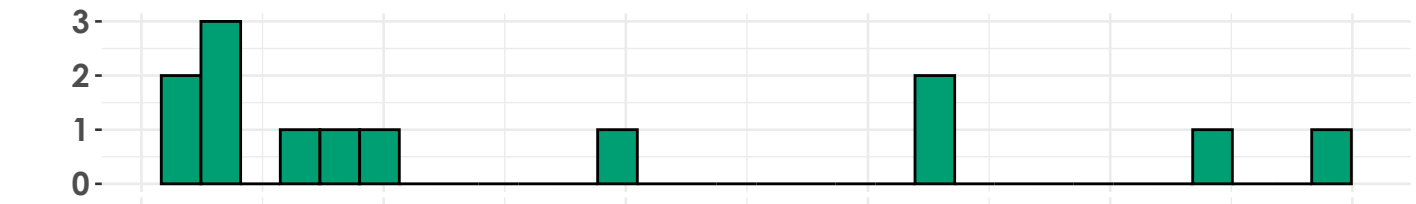
Acadia National Park - 2023
$t_{\text{Student}}(5) = 0.64, p = 0.55, \hat{r}_{\text{Winsorized}} = 0.27, \text{CI}_{95\%}\ [-0.60, 0.85], n_{\text{pairs}} = 7$
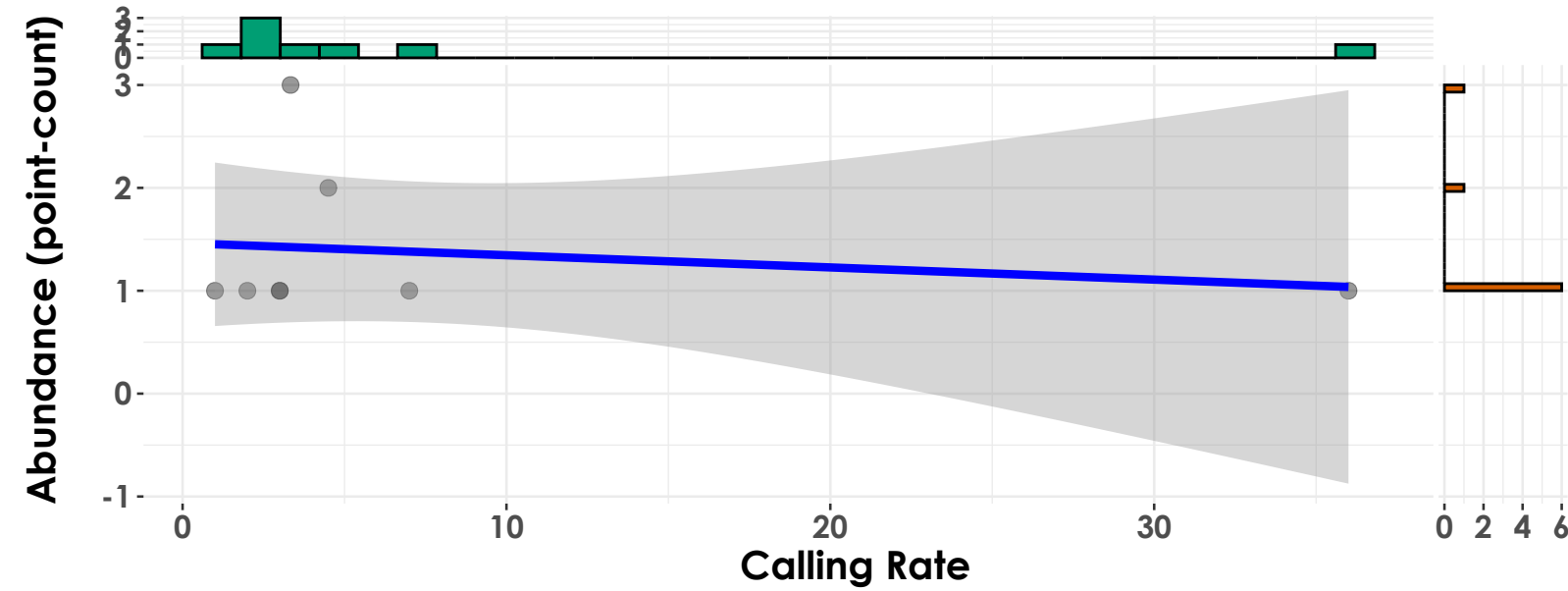
Kawishiwi Watershed - 2023
$t_{\text{Student}}(11) = -1.83, p = 0.09, \hat{r}_{\text{Winsorized}} = -0.48, \text{CI}_{95\%}\ [-0.82, 0.09], n_{\text{pairs}} = 13$
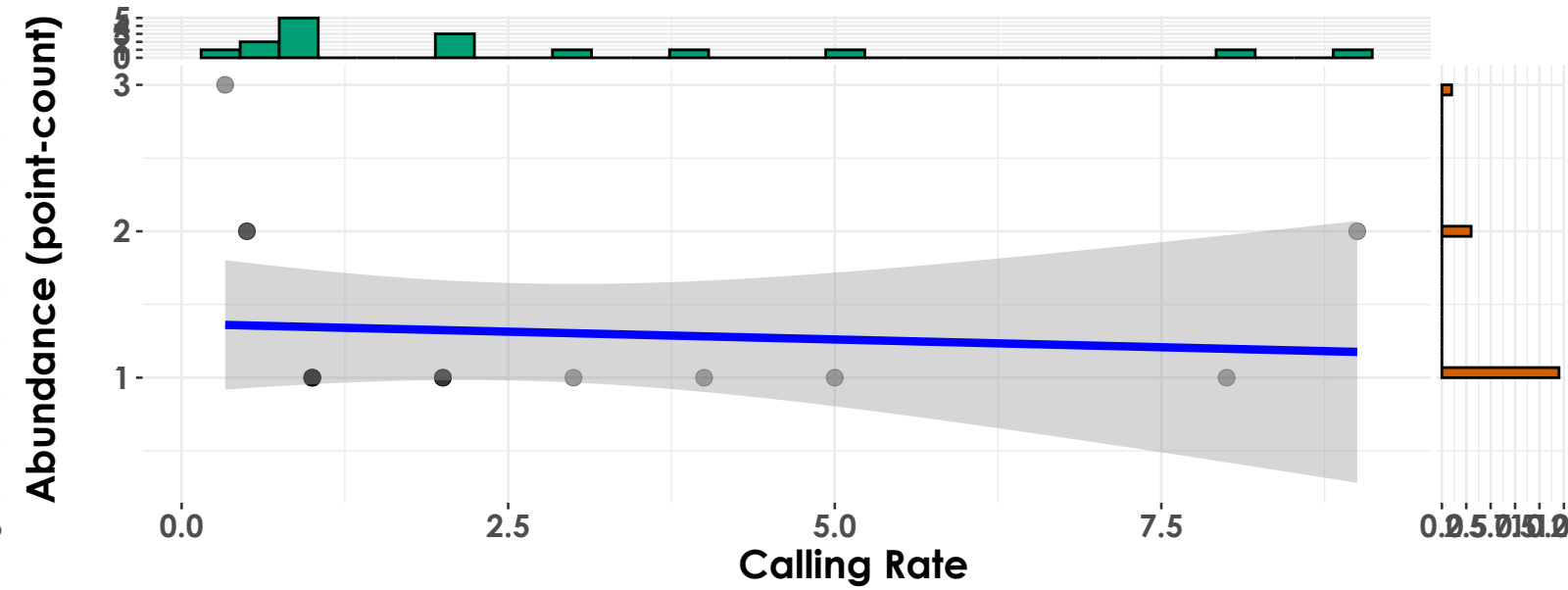
Red-breasted Nuthatch

Acadia National Park - 2022
$t_{\text{Student}}(6) = -0.05$, $p = 0.96$, $\hat{r}_{\text{Winsorized}} = -0.02$, $\text{CI}_{95\%}$ [-0.71, 0.69], $n_{\text{pairs}} = 8$
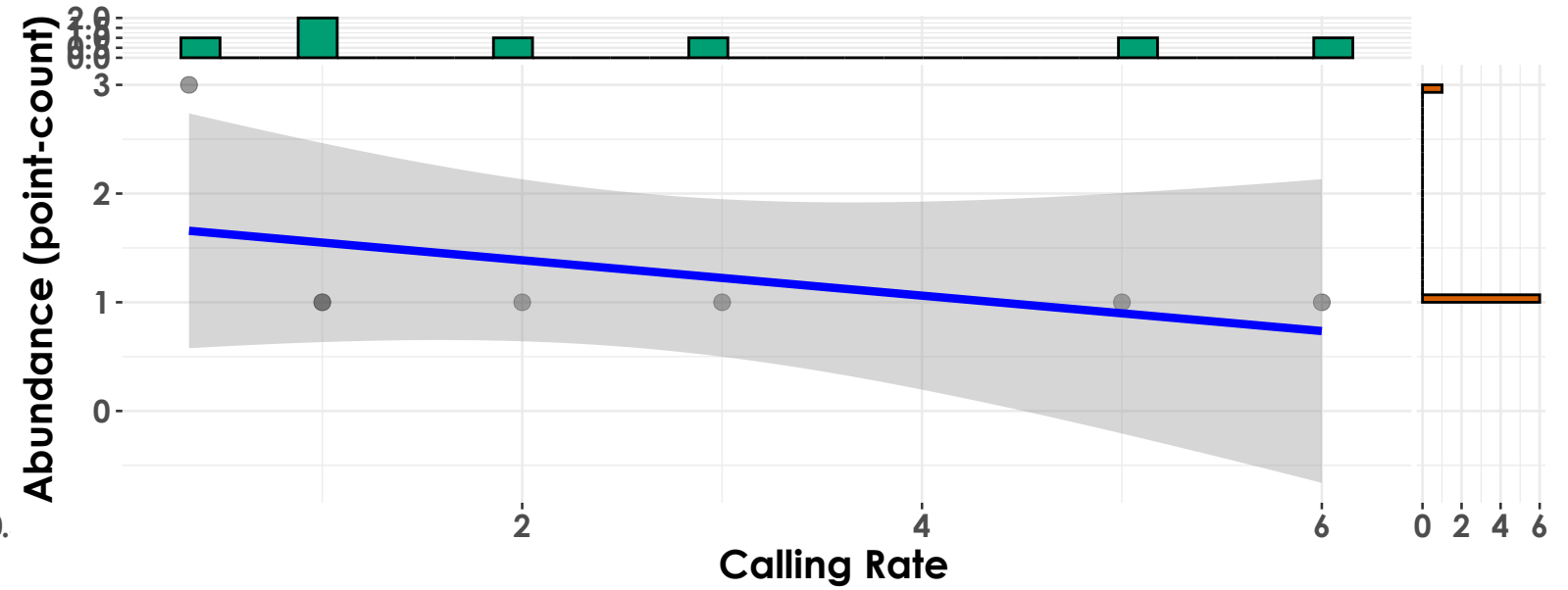
Acadia National Park - 2023
$t_{\text{Student}}(14) = -0.55$, $p = 0.59$, $\hat{r}_{\text{Winsorized}} = -0.14$, $\text{CI}_{95\%}$ [-0.60, 0.38], $n_{\text{pairs}} = 16$
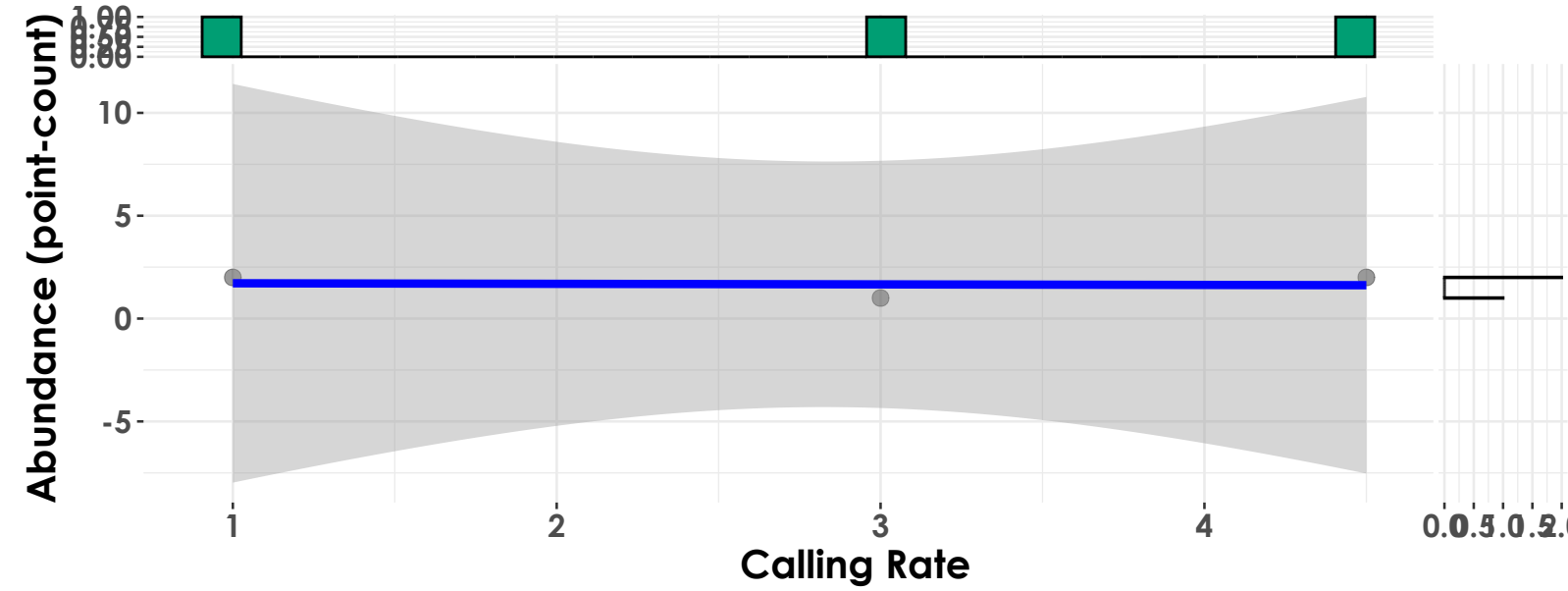
Hubbard Brook Experimental Forest - 2022
$t_{\text{Student}}(5) = \text{NA}$, $p = \text{NA}$, $\hat{r}_{\text{Winsorized}} = \text{NA}$, $\text{CI}_{95\%}$ [NA, NA], $n_{\text{pairs}} = 7$
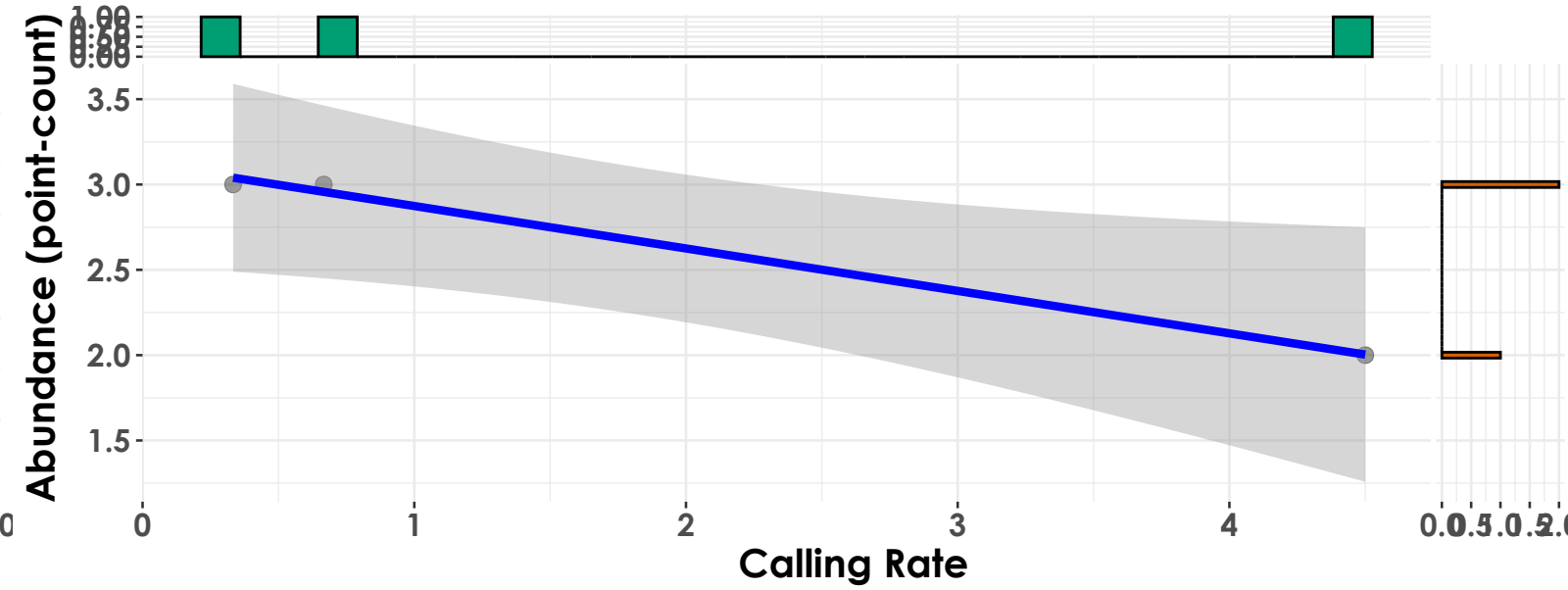
Hubbard Brook Experimental Forest - 2023
$t_{\text{Student}}(1) = -0.08$, $p = 0.95$, $\hat{r}_{\text{Winsorized}} = -0.08$, $\text{CI}_{95\%}$ [NA, NA], $n_{\text{pairs}} = 3$
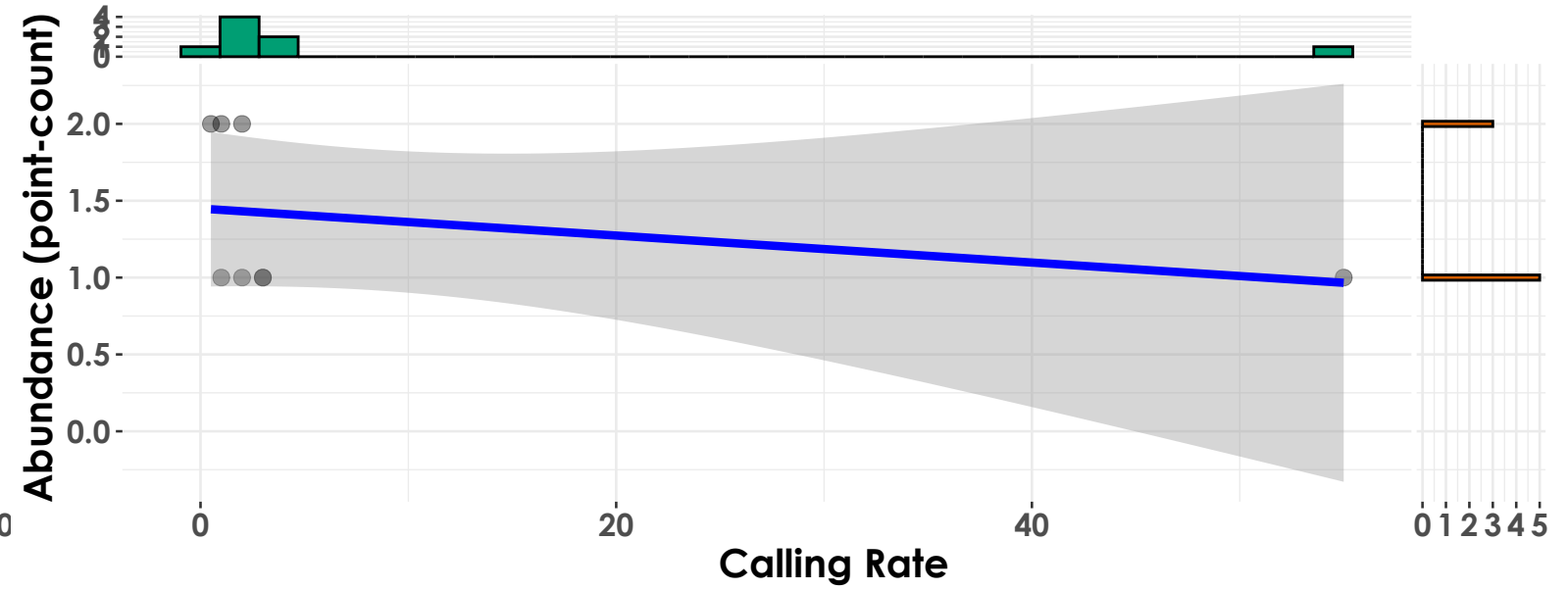
Kawishiwi Watershed - 2022
$t_{\text{Student}}(1) = -13.86$, $p = 0.05$, $\hat{r}_{\text{Winsorized}} = -1.00$, $\text{CI}_{95\%}$ [NA, NA], $n_{\text{pairs}} = 3$
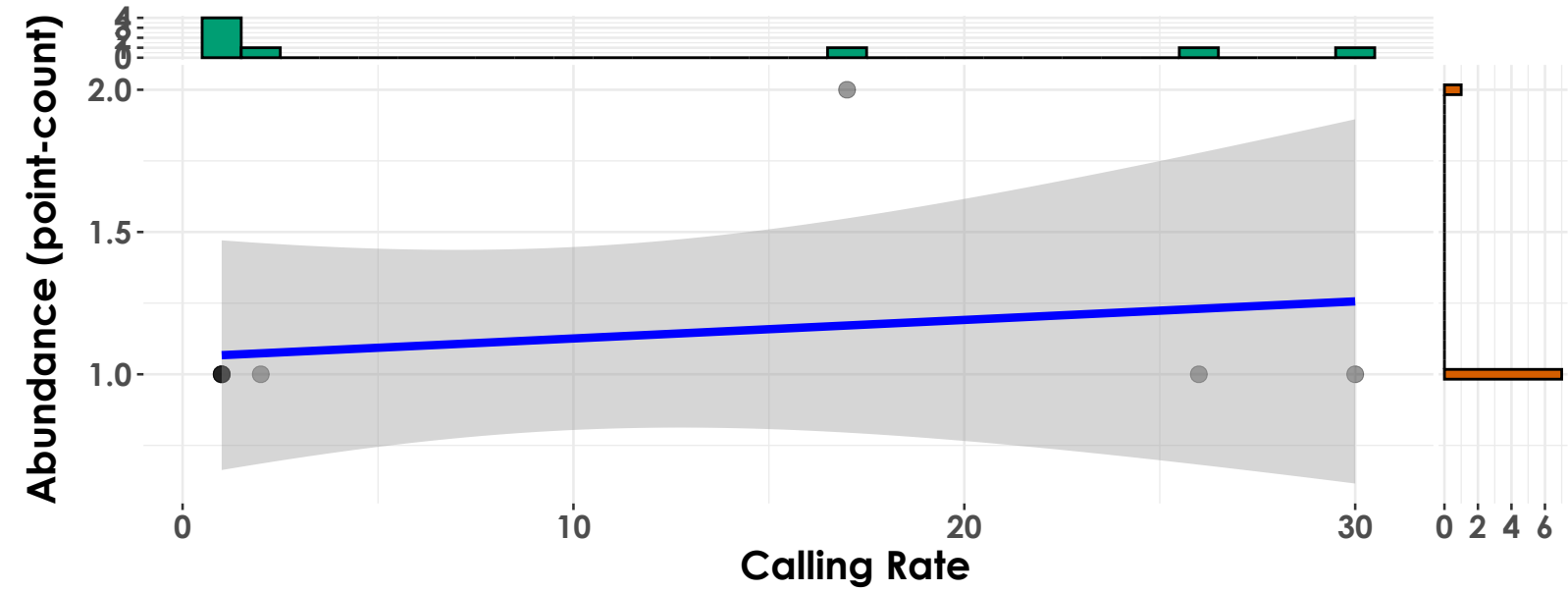
Kawishiwi Watershed - 2023
$t_{\text{Student}}(6) = -1.82$, $p = 0.12$, $\hat{r}_{\text{Winsorized}} = -0.60$, $\text{CI}_{95\%}$ [-0.92, 0.19], $n_{\text{pairs}} = 8$
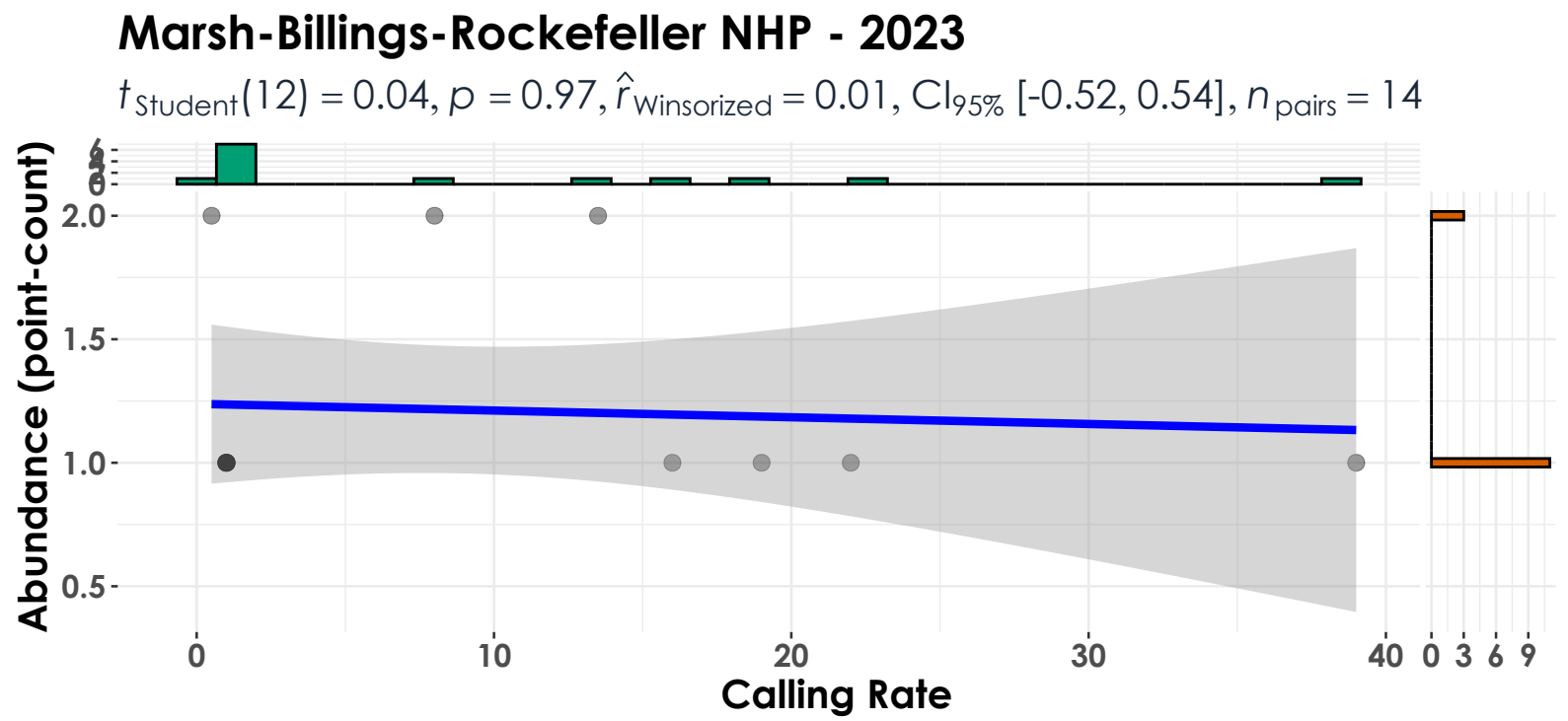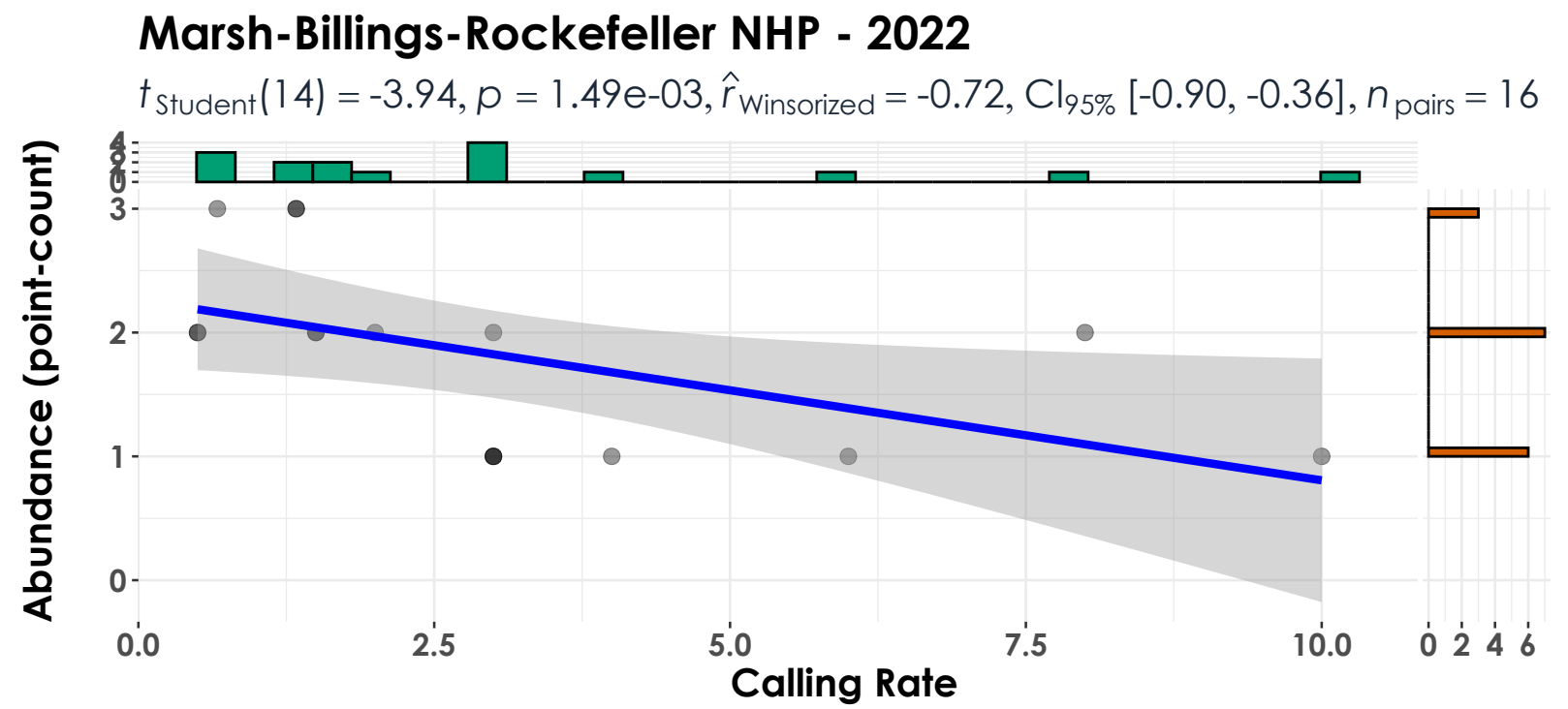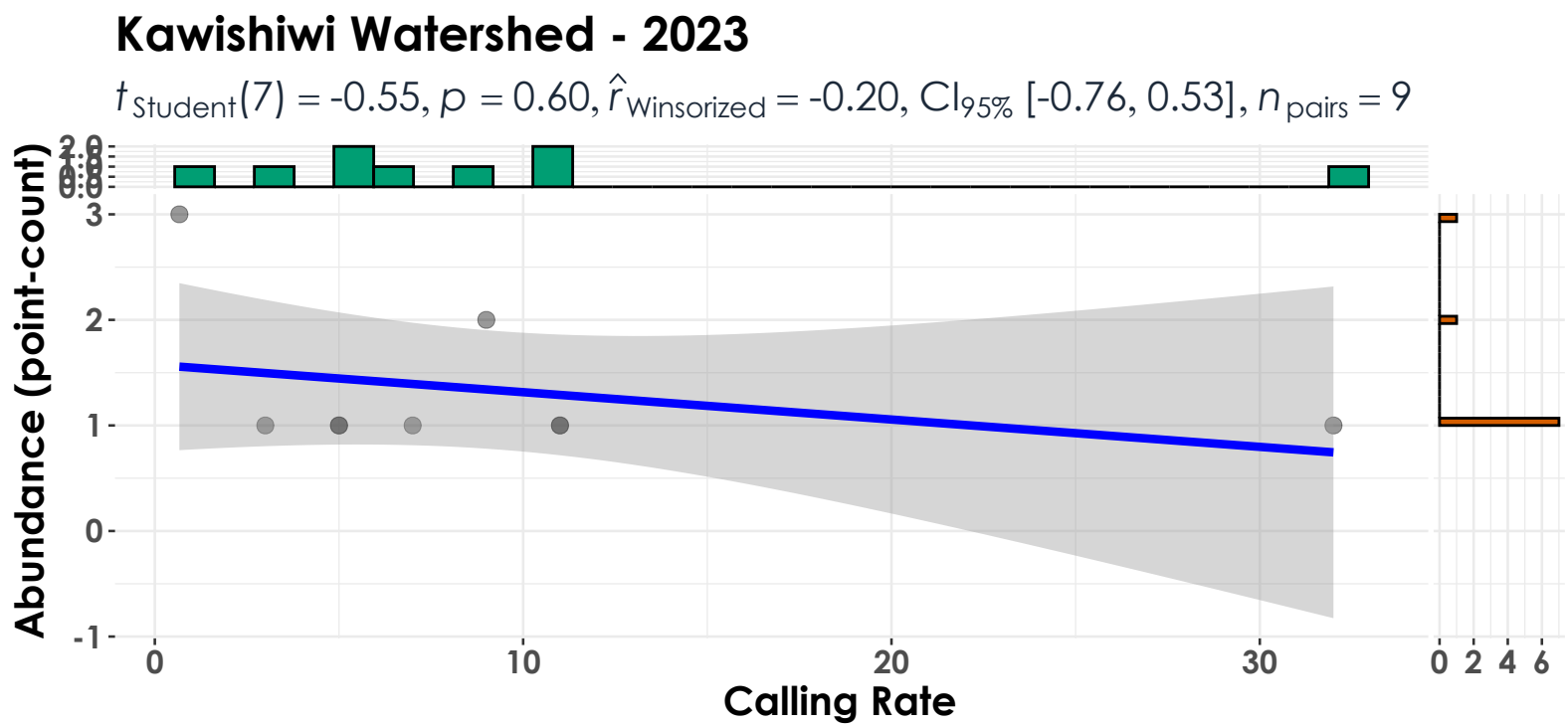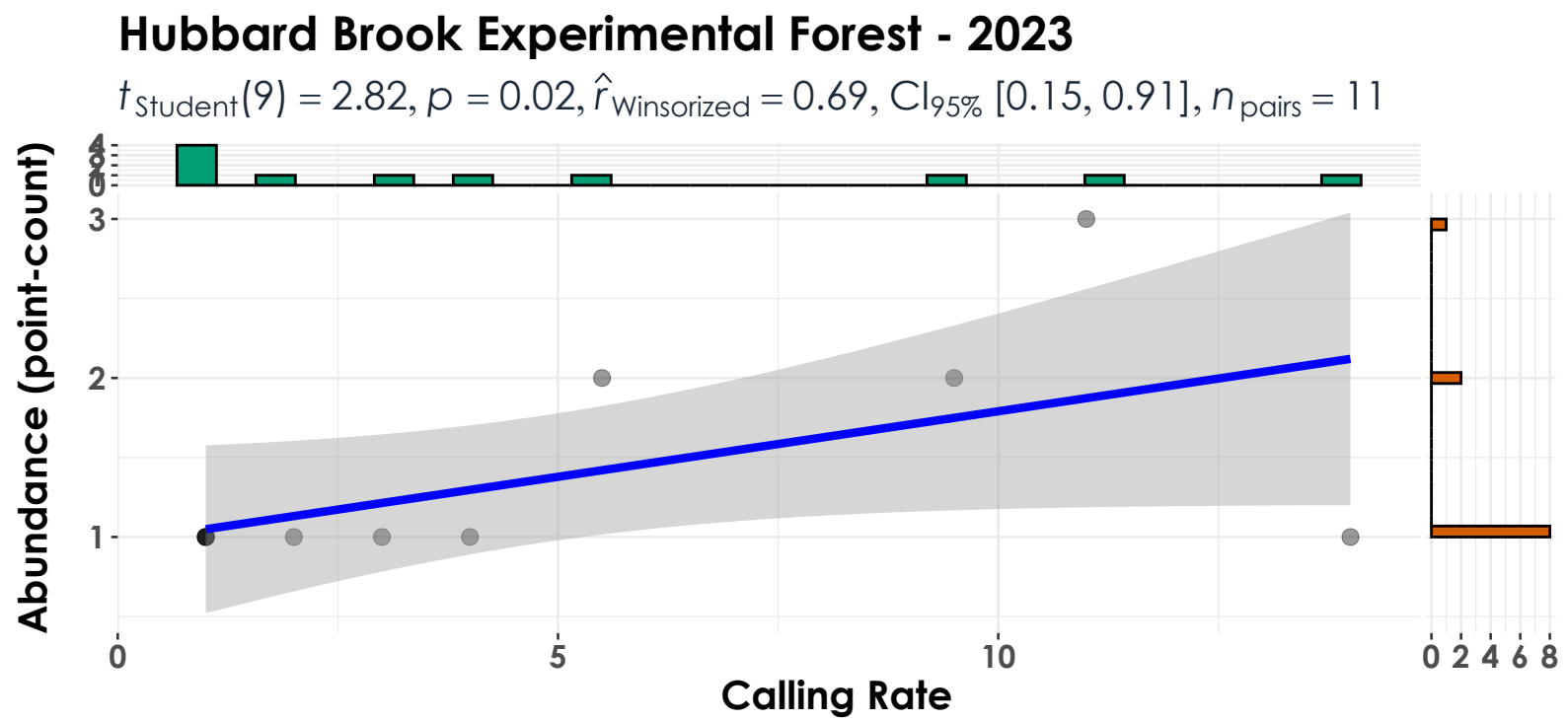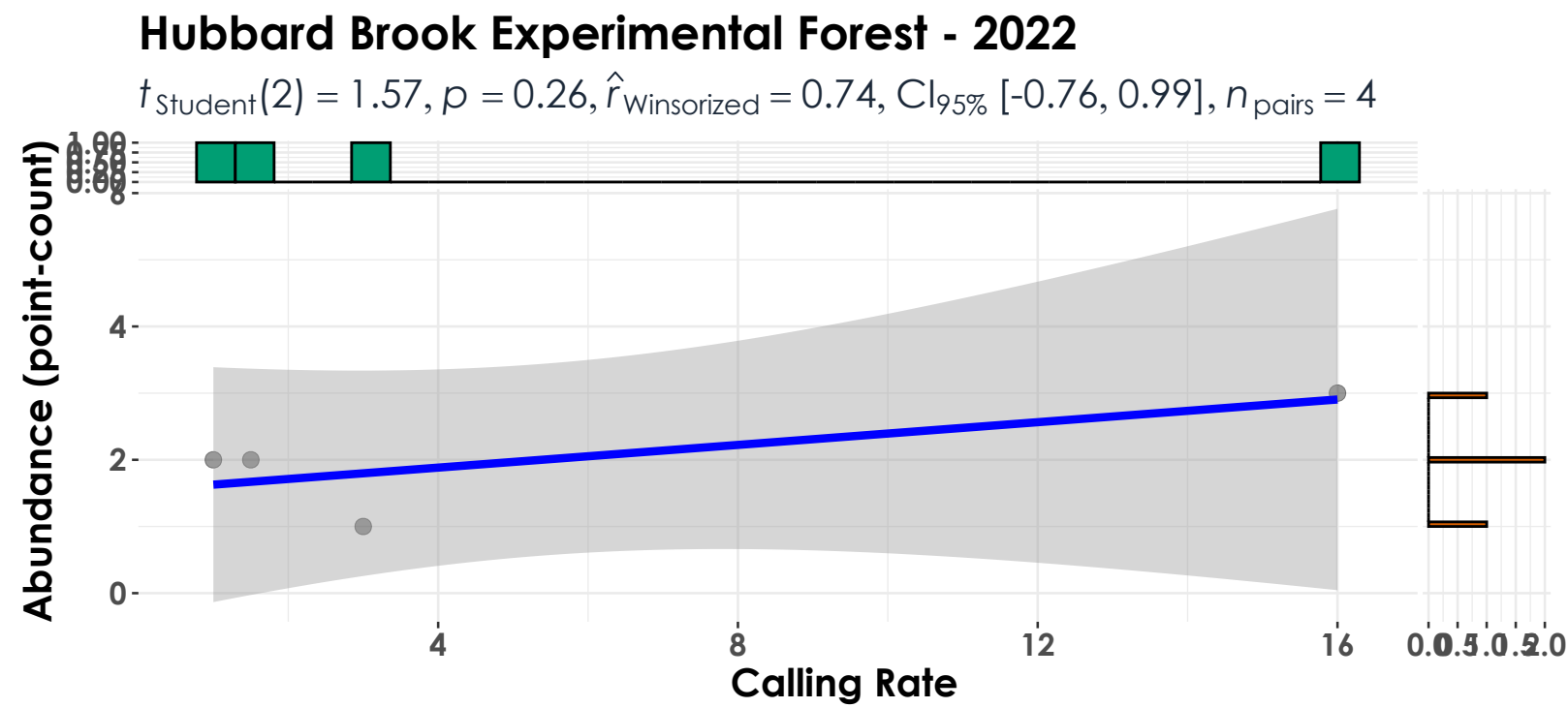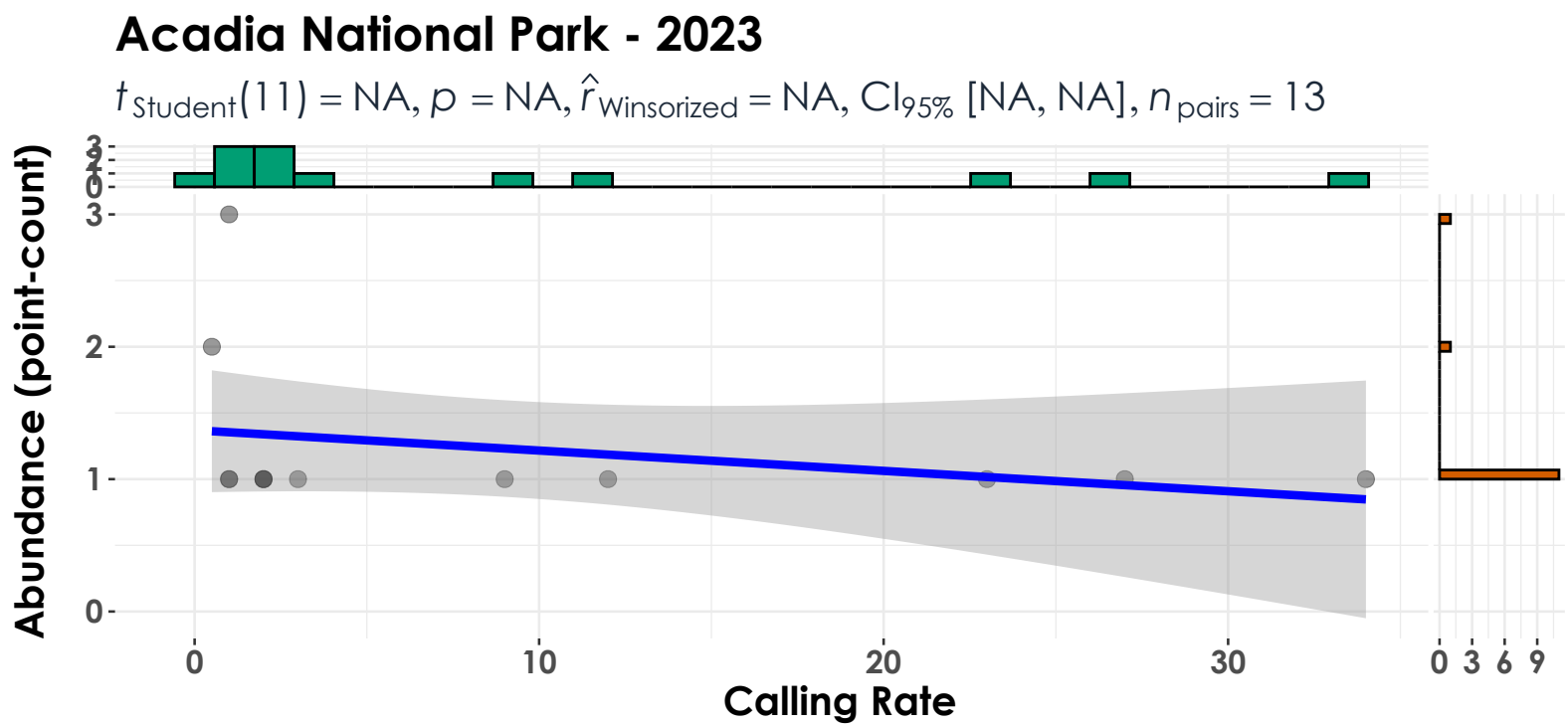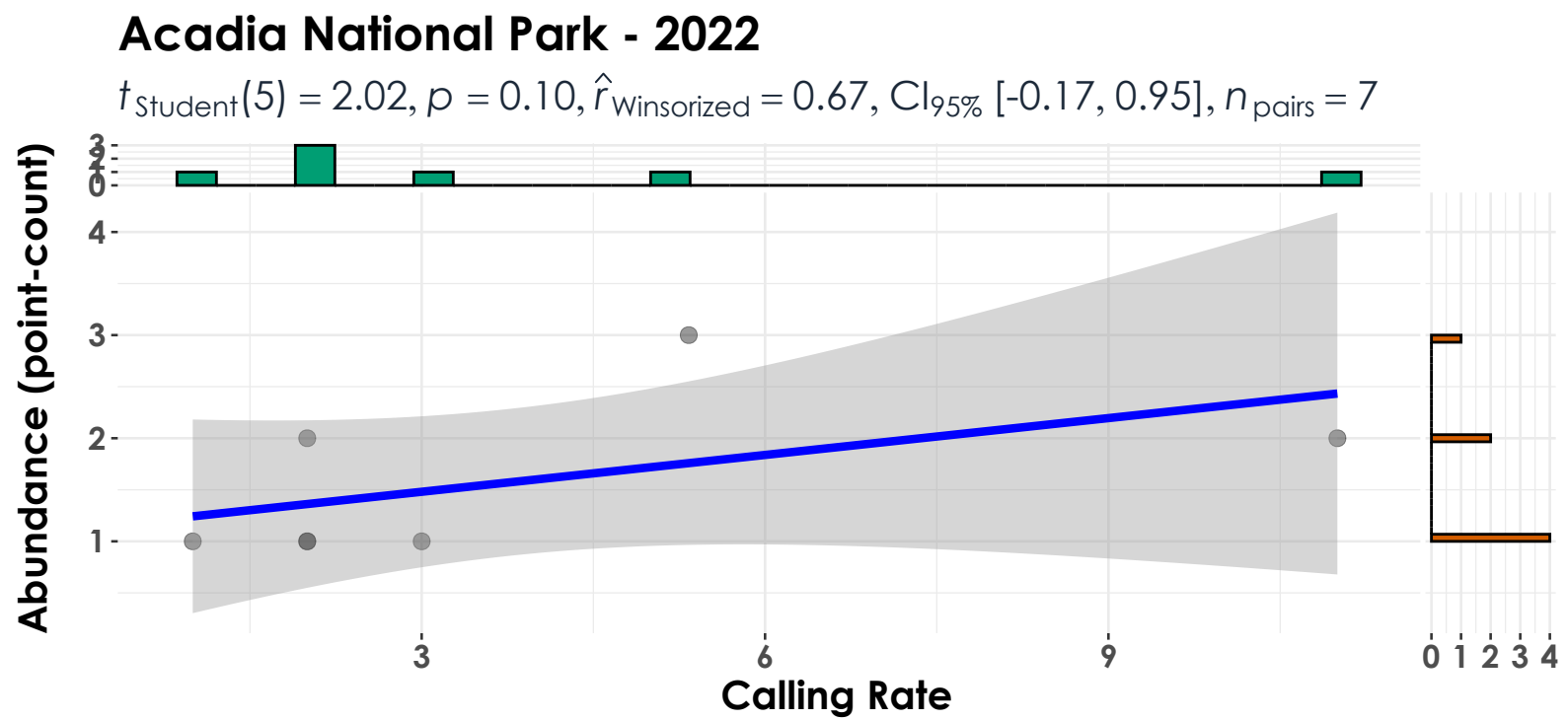
Marsh-Billings-Rockefeller NHP - 2022
$t_{\text{Student}}(6) = \text{NA}$, $p = \text{NA}$, $\hat{r}_{\text{Winsorized}} = \text{NA}$, $\text{CI}_{95\%}$ [NA, NA], $n_{\text{pairs}} = 8$

Blue Jay

Acadia National Park - 2022
$t_{Student}(5) = 2.02, p = 0.10, \hat{r}_{Winsorized} = 0.67, CI_{95\%} [-0.17, 0.95], n_{pairs} = 7$

Acadia National Park - 2023
$t_{Student}(11) = NA, p = NA, \hat{r}_{Winsorized} = NA, CI_{95\%} [NA, NA], n_{pairs} = 13$

Hubbard Brook Experimental Forest - 2022
$t_{Student}(2) = 1.57, p = 0.26, \hat{r}_{Winsorized} = 0.74, CI_{95\%} [-0.76, 0.99], n_{pairs} = 4$

Hubbard Brook Experimental Forest - 2023
$t_{Student}(9) = 2.82, p = 0.02, \hat{r}_{Winsorized} = 0.69, CI_{95\%} [0.15, 0.91], n_{pairs} = 11$

Kawishiwi Watershed - 2023
$t_{Student}(7) = -0.55, p = 0.60, \hat{r}_{Winsorized} = -0.20, CI_{95\%} [-0.76, 0.53], n_{pairs} = 9$

Marsh-Billings-Rockefeller NHP - 2022
$t_{Student}(14) = -3.94, p = 1.49e\text{-}03, \hat{r}_{Winsorized} = -0.72, CI_{95\%} [-0.90, -0.36], n_{pairs} = 16$

Marsh-Billings-Rockefeller NHP - 2023
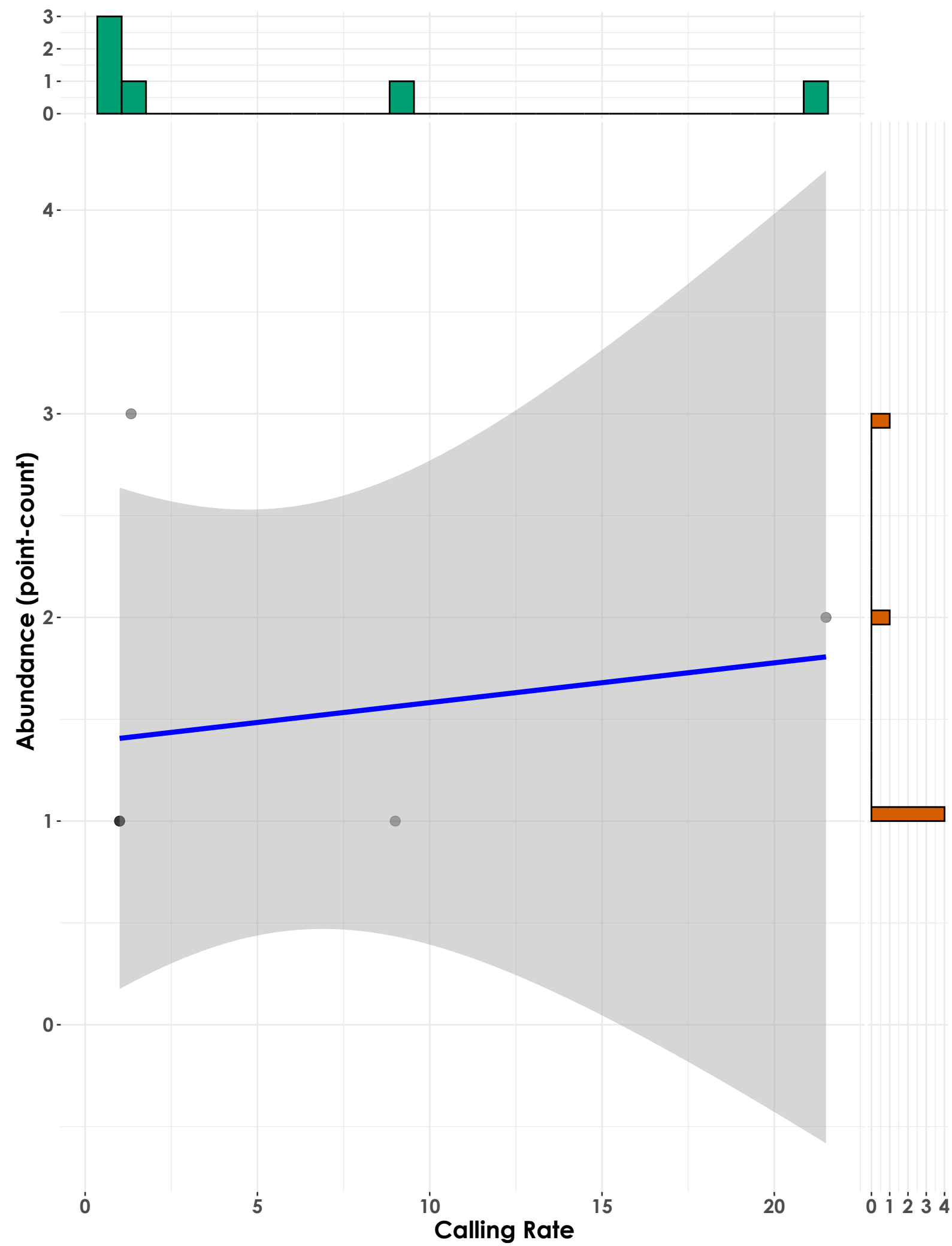$t_{Student}(12) = 0.04, p = 0.97, \hat{r}_{Winsorized} = 0.01, CI_{95\%} [-0.52, 0.54], n_{pairs} = 14$
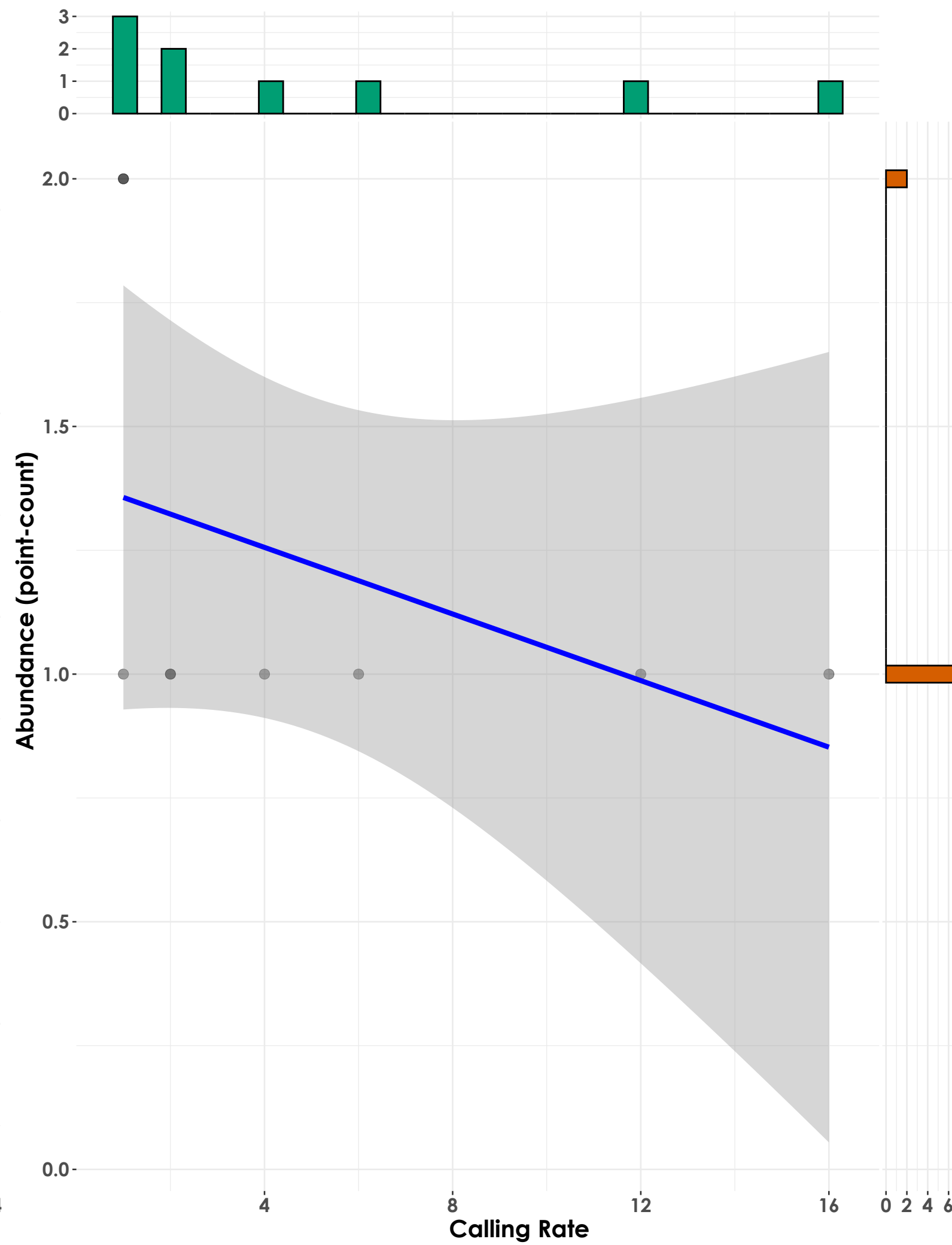
American Crow

Acadia National Park - 2022
$t_{\text{Student}}(4) = 0.57, p = 0.60, \hat{r}_{\text{Winsorized}} = 0.27, \text{CI}_{95\%} [-0.69, 0.89], n_{\text{pairs}} = 6$
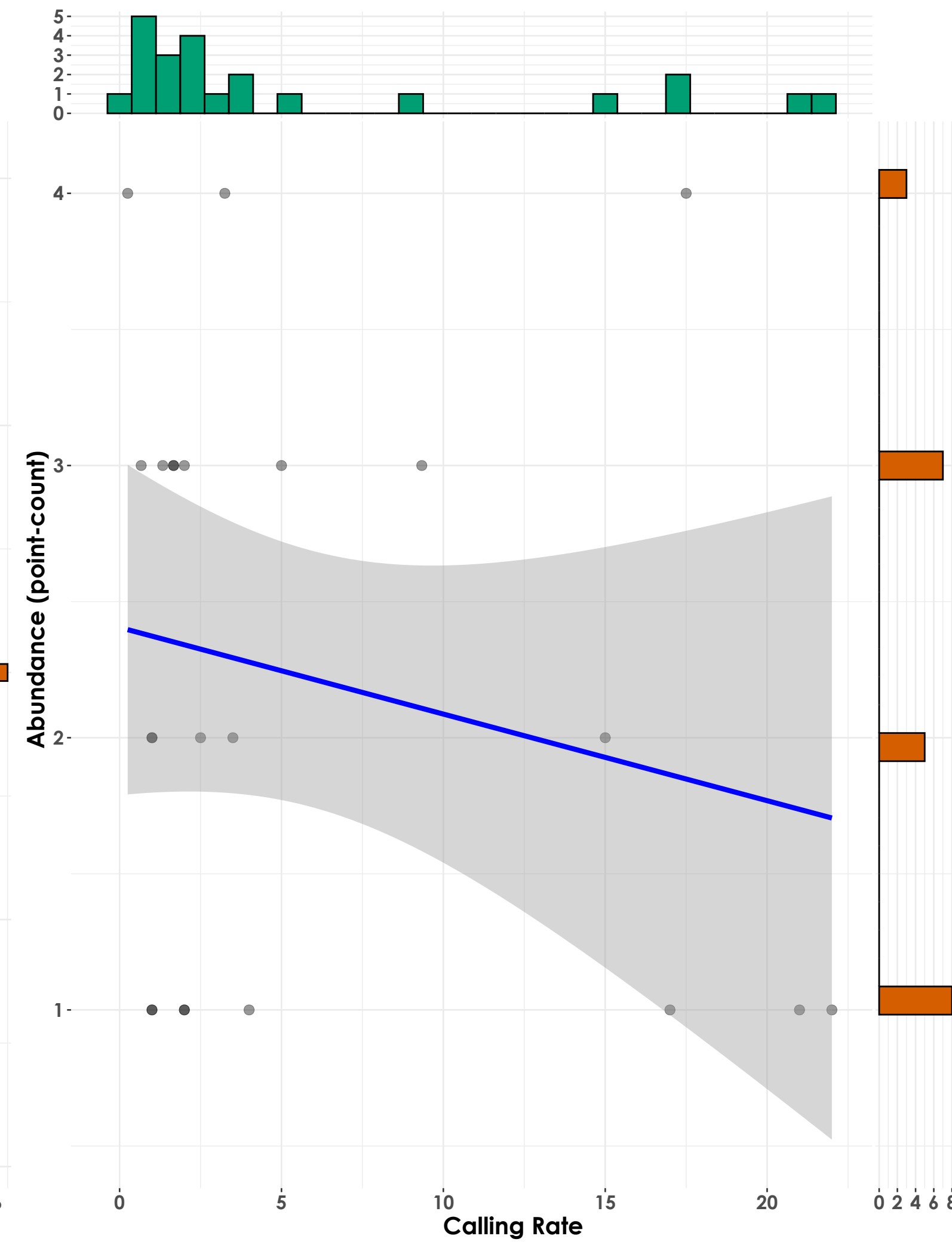
Acadia National Park - 2023
$t_{\text{Student}}(7) = -1.31, p = 0.23, \hat{r}_{\text{Winsorized}} = -0.44, \text{CI}_{95\%} [-0.86, 0.31], n_{\text{pairs}} = 9$

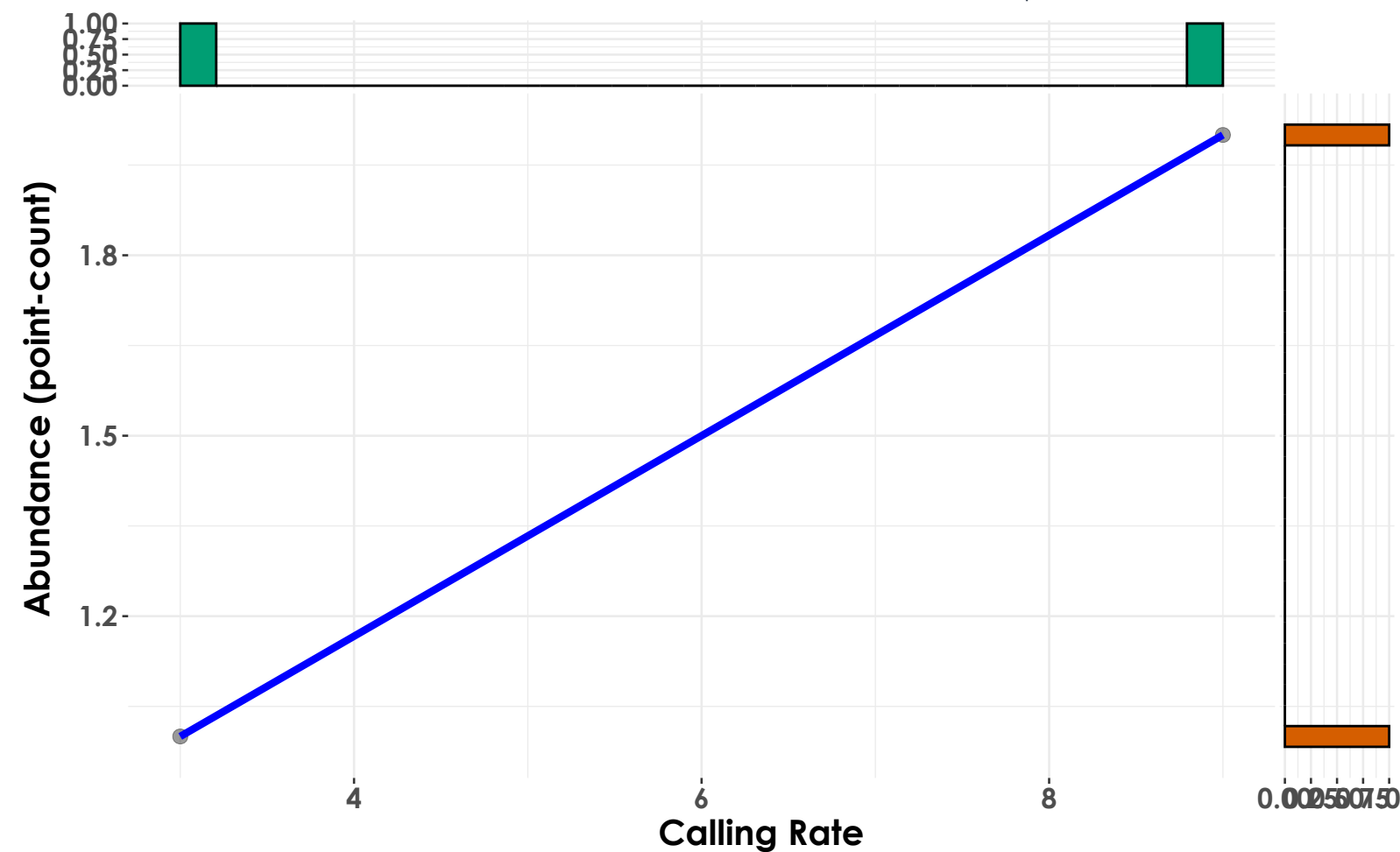**Marsh-Billings-Rockefeller NHP - 2022**
$t_{\text{Student}}(21) = -1.02, p = 0.32, \hat{r}_{\text{Winsorized}} = -0.22, \text{CI}_{95\%} [-0.58, 0.21], n_{\text{pairs}} = 23$
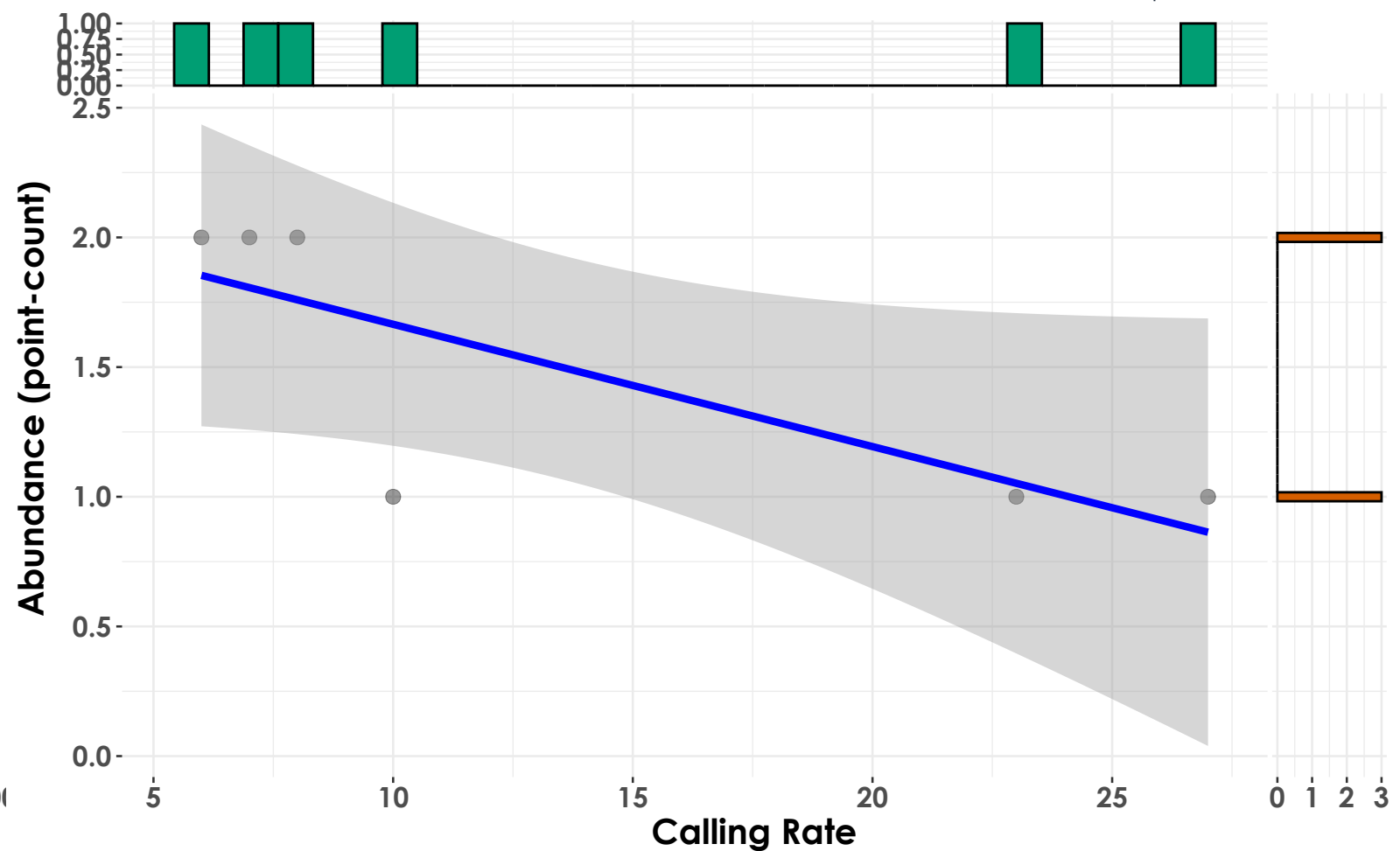
Black-and-white Warbler

Acadia National Park - 2022
$t_{\text{Student}}() = \text{NA}, p = \text{NA}, \hat{r}_{\text{Winsorized}} = \text{NA}, \text{CI}_{95\%} [\text{NA}, \text{NA}], n_{\text{pairs}} = 2$
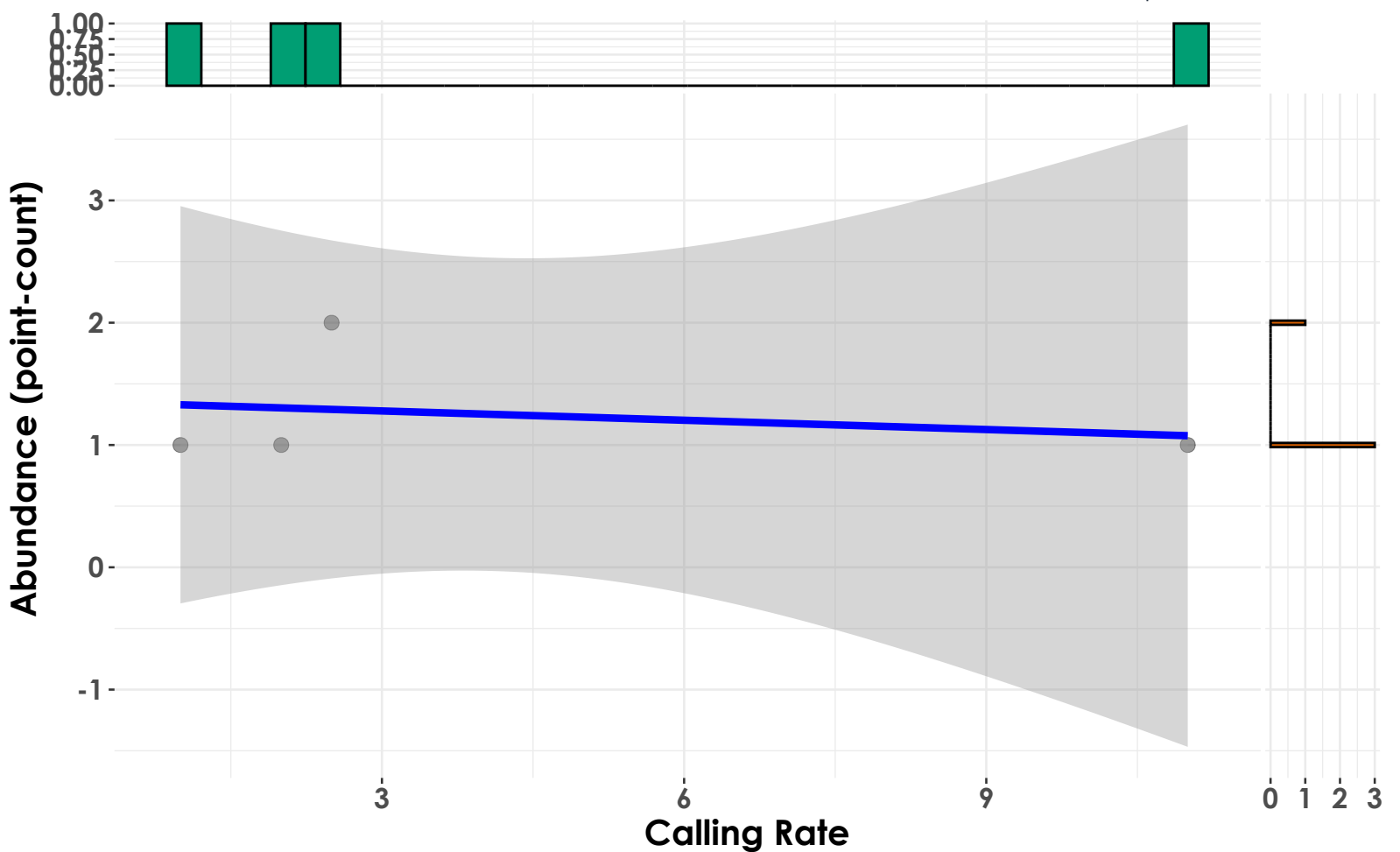
Acadia National Park - 2023
$t_{\text{Student}}(4) = -2.61, p = 0.06, \hat{r}_{\text{Winsorized}} = -0.79, \text{CI}_{95\%} [-0.98, 0.05], n_{\text{pairs}} = 6$
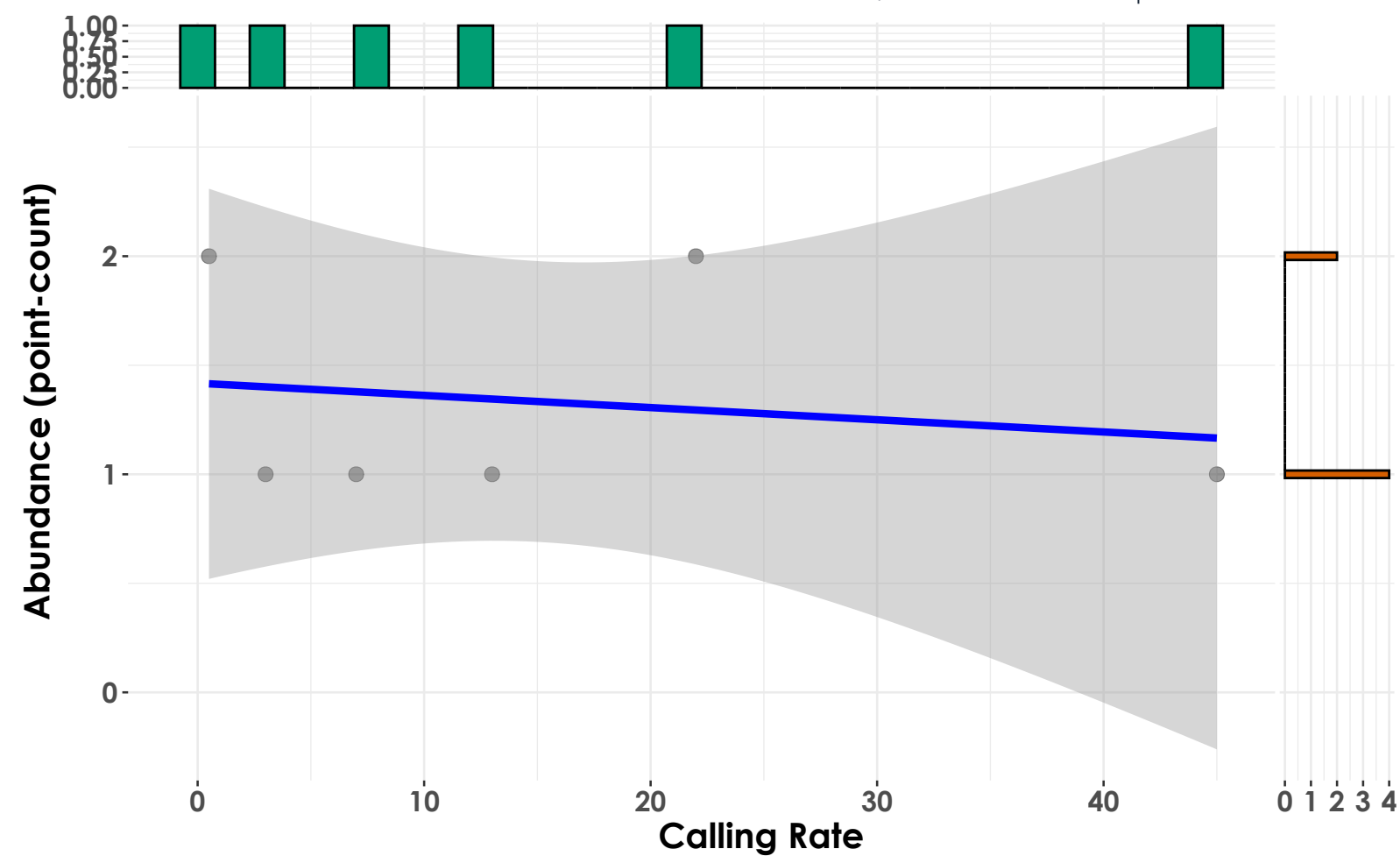
Hubbard Brook Experimental Forest - 2023
$t_{\text{Student}}(2) = -0.34, p = 0.77, \hat{r}_{\text{Winsorized}} = -0.23, \text{CI}_{95\%} [-0.98, 0.94], n_{\text{pairs}} = 4$

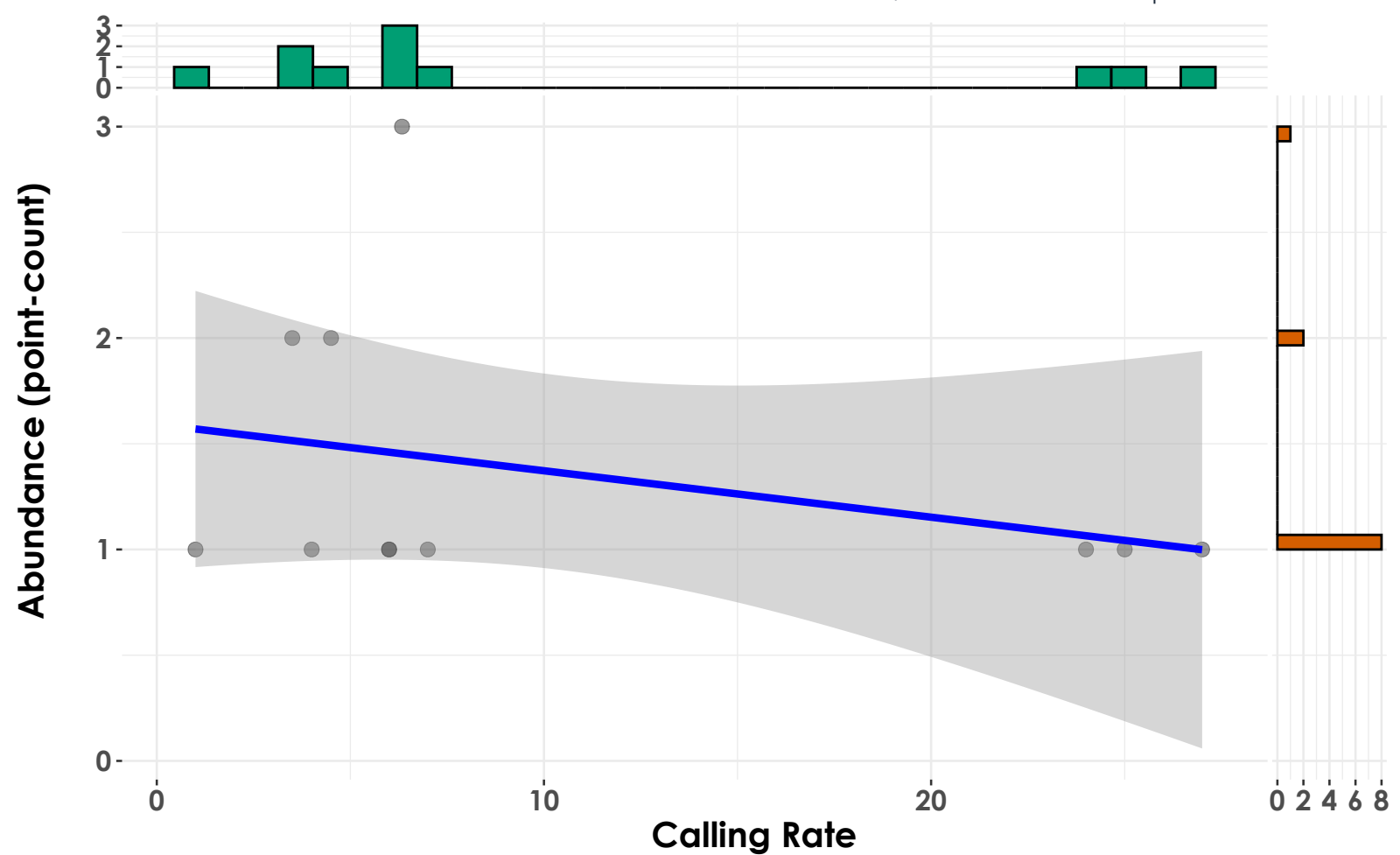**Kawishiwi Watershed - 2023**
$t_{\text{Student}}(4) = 0.15, p = 0.89, \hat{r}_{\text{Winsorized}} = 0.07, \text{CI}_{95\%} [-0.78, 0.84], n_{\text{pairs}} = 6$
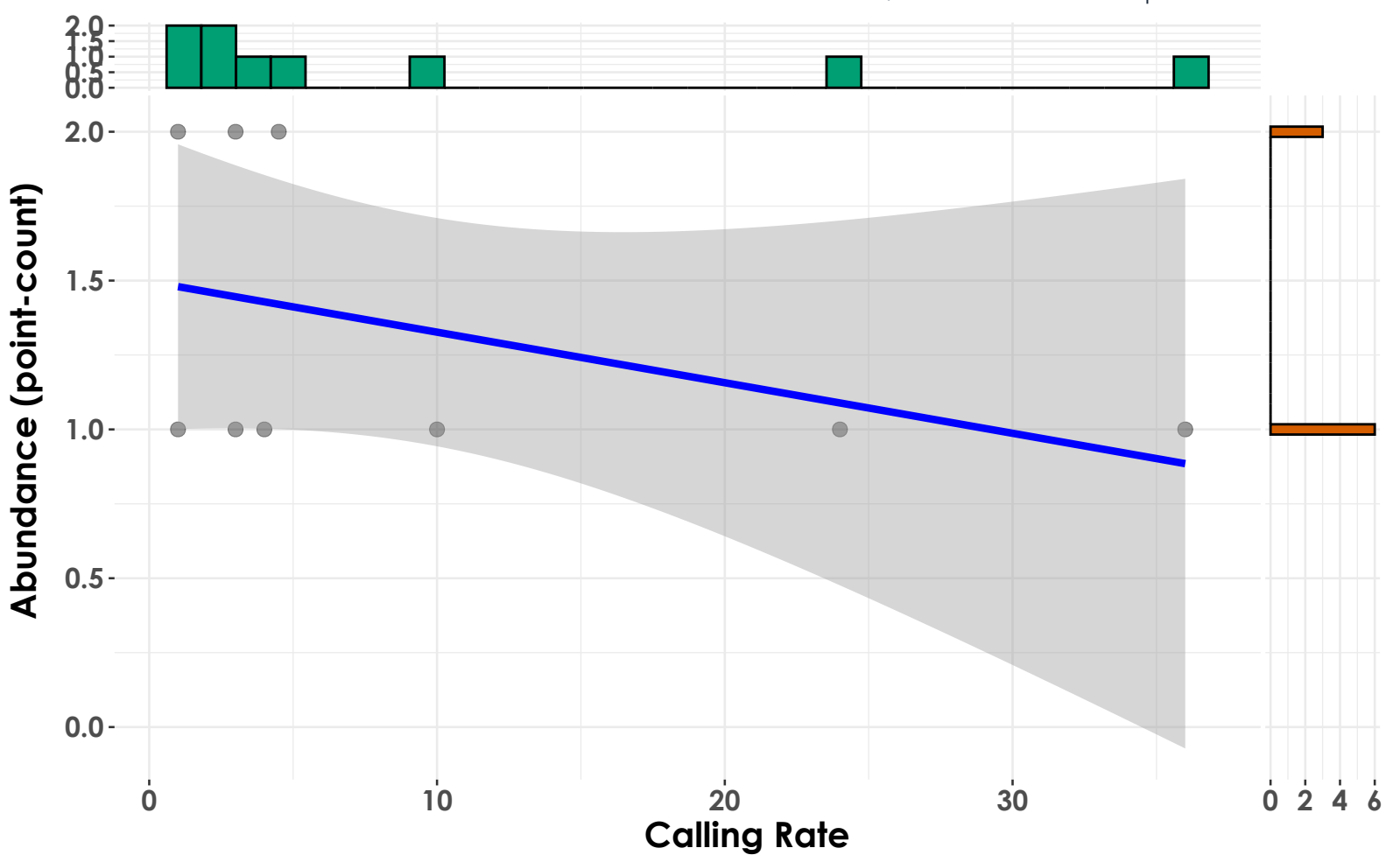
Marsh-Billings-Rockefeller NHP - 2022
$t_{\text{Student}}(9) = -1.28, p = 0.23, \hat{r}_{\text{Winsorized}} = -0.39, \text{CI}_{95\%} [-0.80, 0.27], n_{\text{pairs}} = 11$
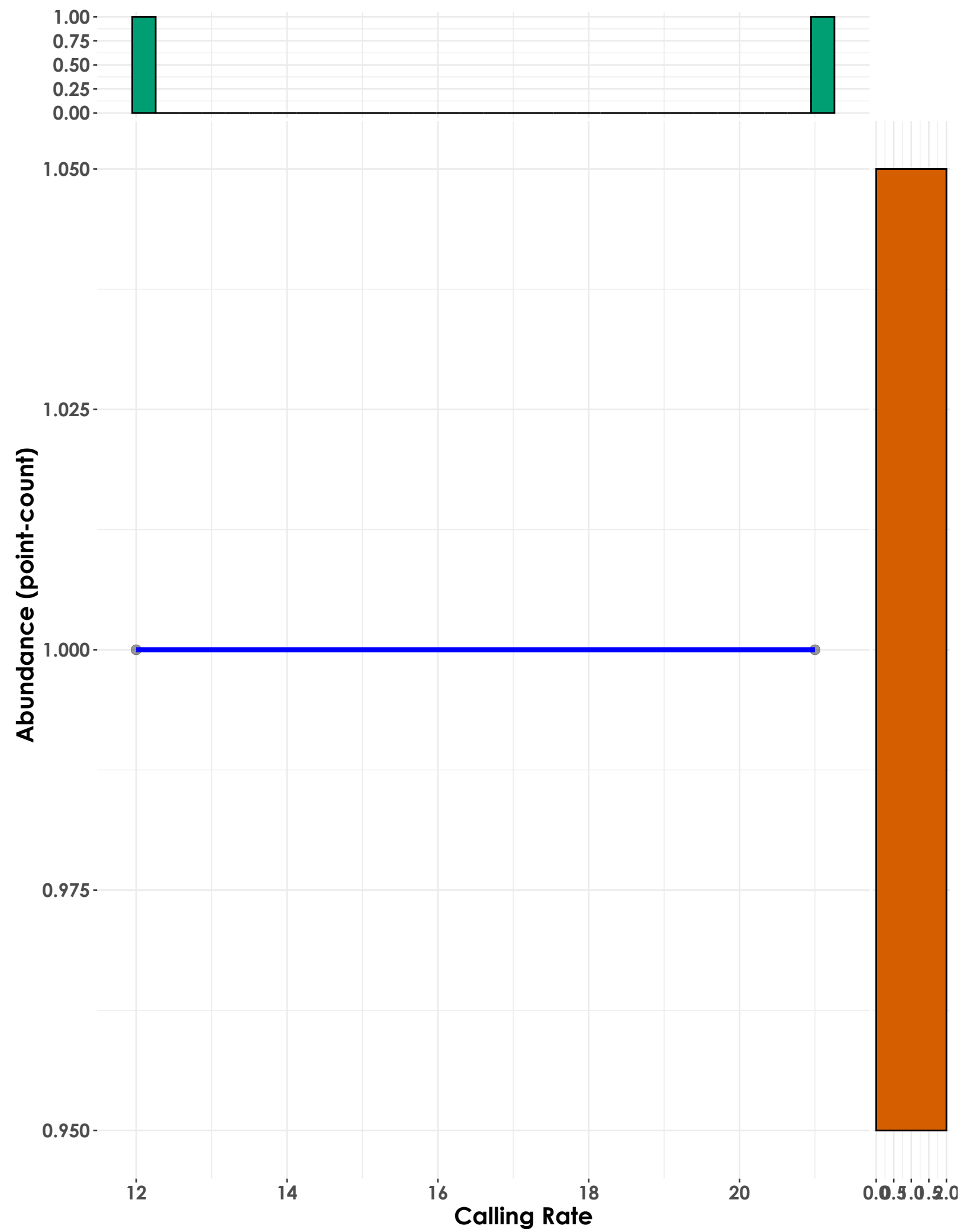
Marsh-Billings-Rockefeller NHP - 2023
$t_{\text{Student}}(7) = -1.29, p = 0.24, \hat{r}_{\text{Winsorized}} = -0.44, \text{CI}_{95\%} [-0.85, 0.32], n_{\text{pairs}} = 9$

Dark-eyed Junco

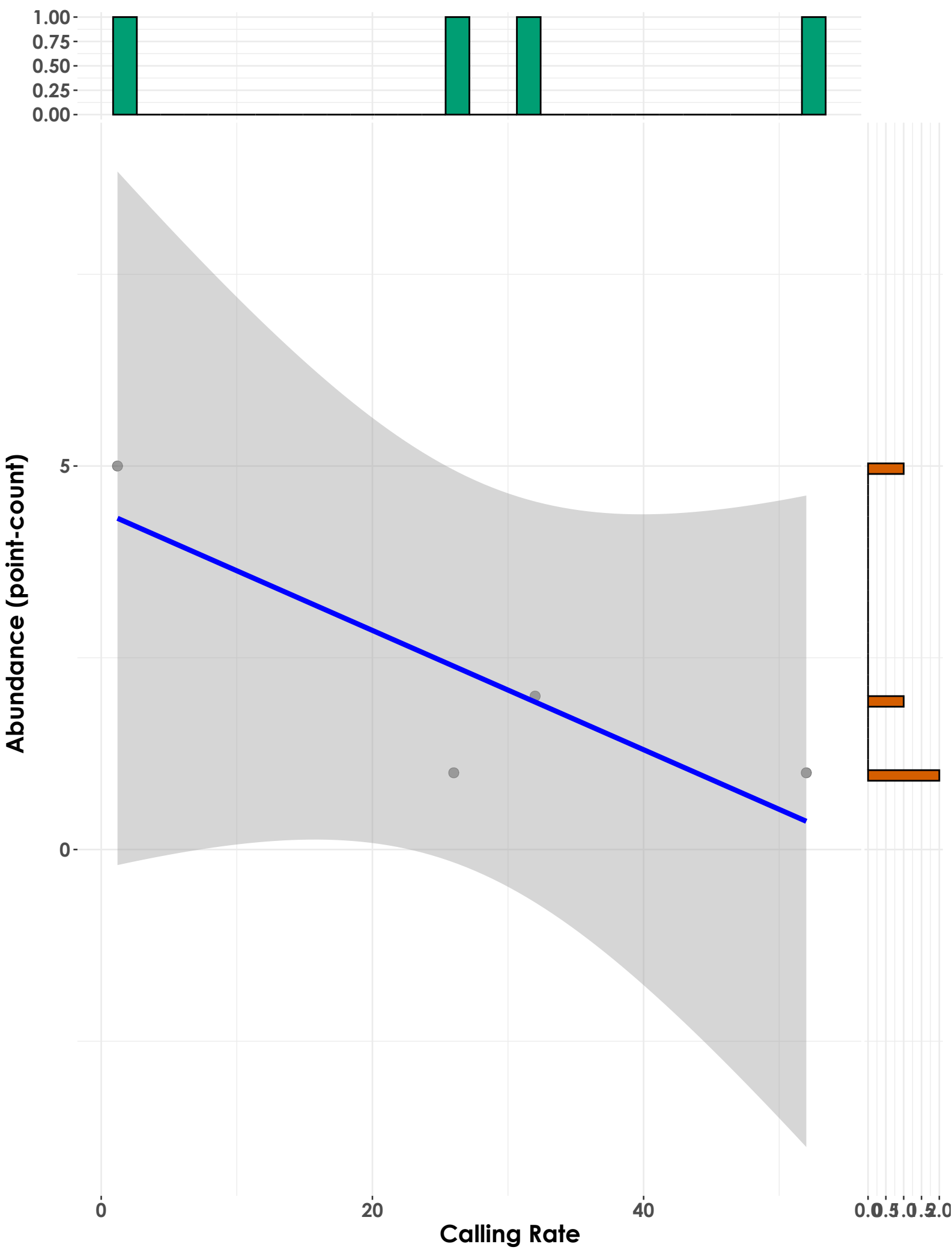## Acadia National Park - 2023

$t_{\text{Student}}() = \text{NA}, p = \text{NA}, \hat{r}_{\text{Winsorized}} = \text{NA}, \text{CI}_{95\%} [\text{NA}, \text{NA}], n_{\text{pairs}} = 2$
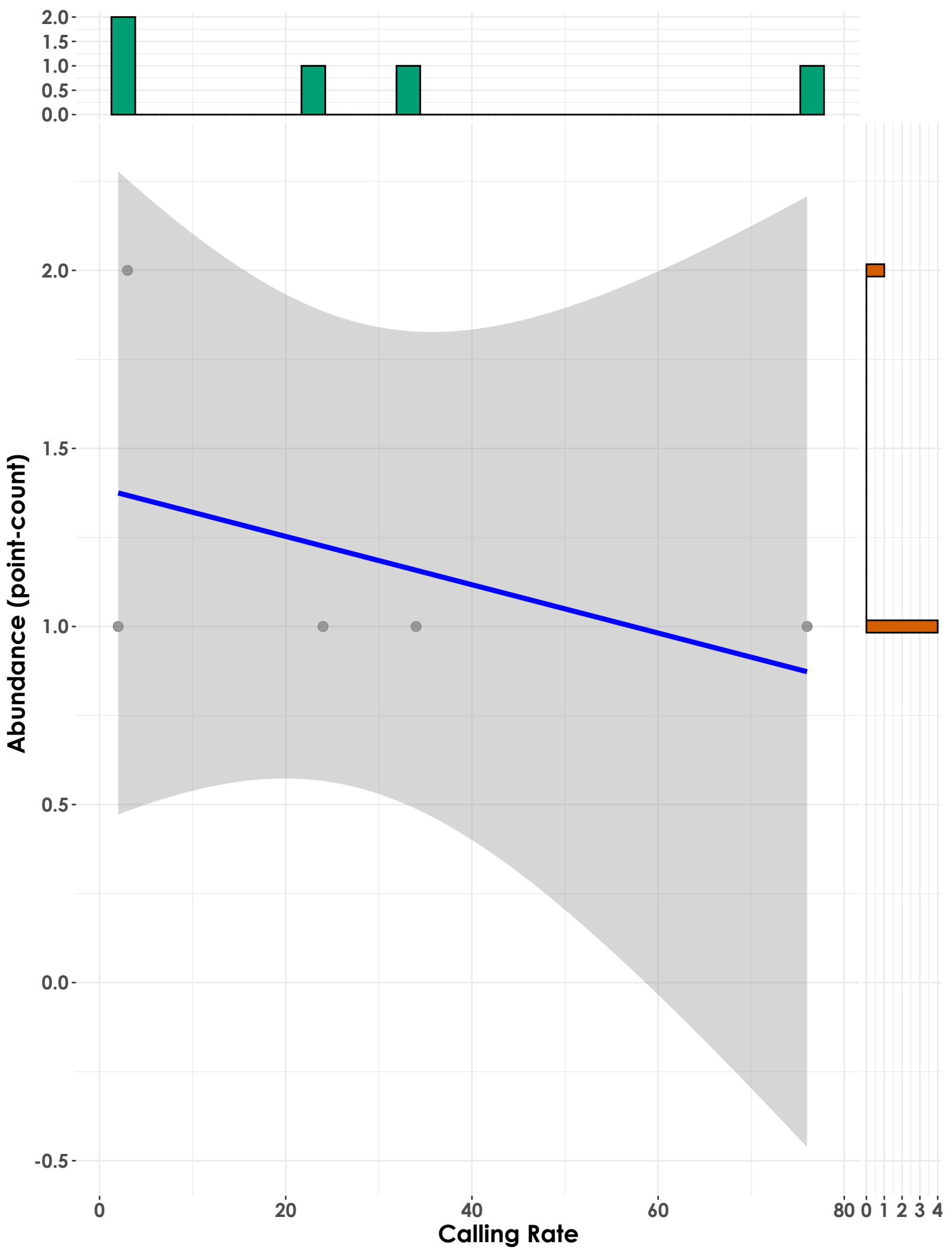
Hubbard Brook Experimental Forest - 2022

$t_{\text{Student}}(2) = -2.38, p = 0.14, \hat{r}_{\text{Winsorized}} = -0.86, \text{CI}_{95\%} [-1.00, 0.58], n_{\text{pairs}} = 4$
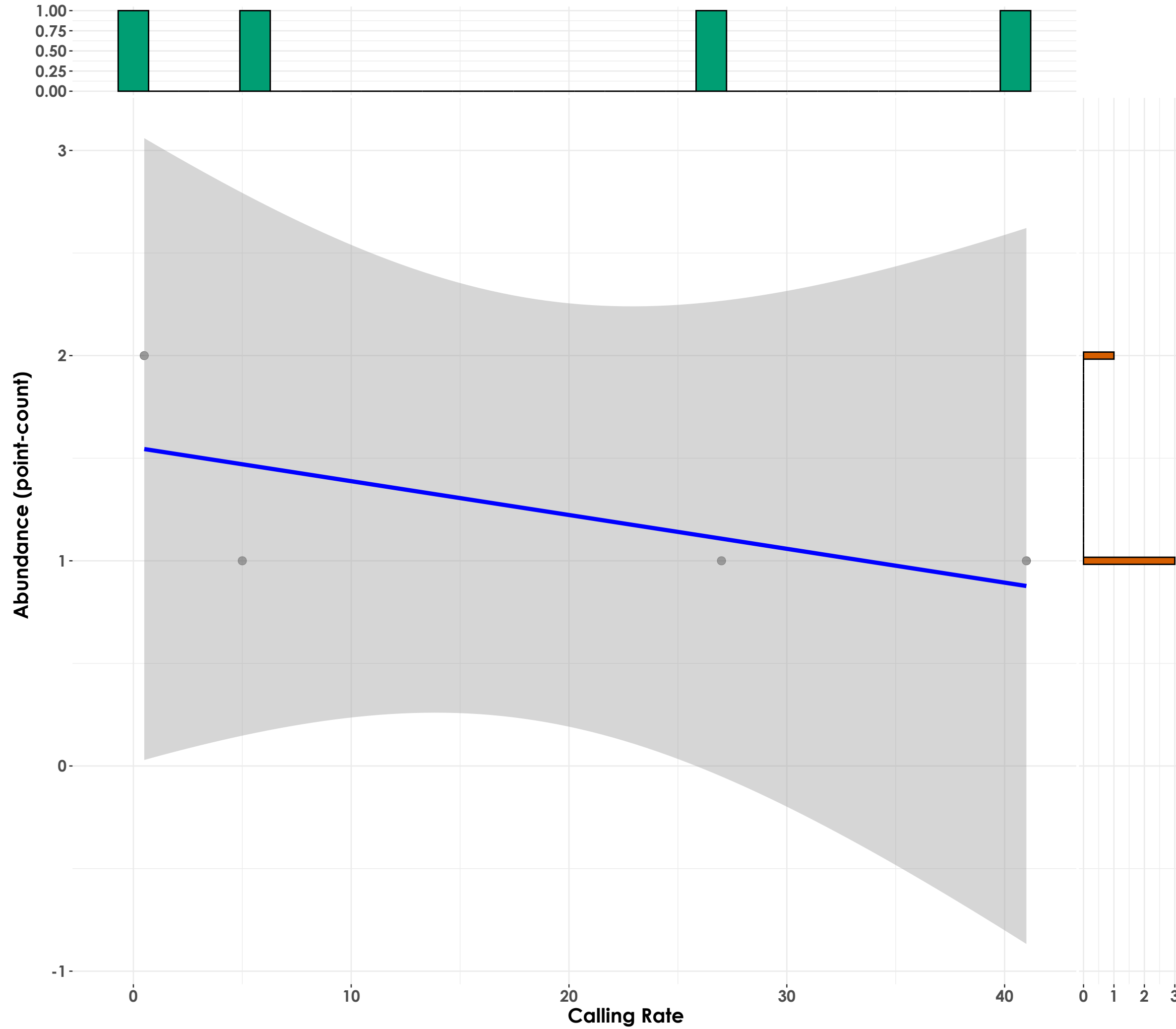
Hubbard Brook Experimental Forest - 2023

$t_{\text{Student}}(3) = \text{NA}, p = \text{NA}, \hat{r}_{\text{Winsorized}} = \text{NA}, \text{CI}_{95\%} [\text{NA}, \text{NA}], n_{\text{pairs}} = 5$
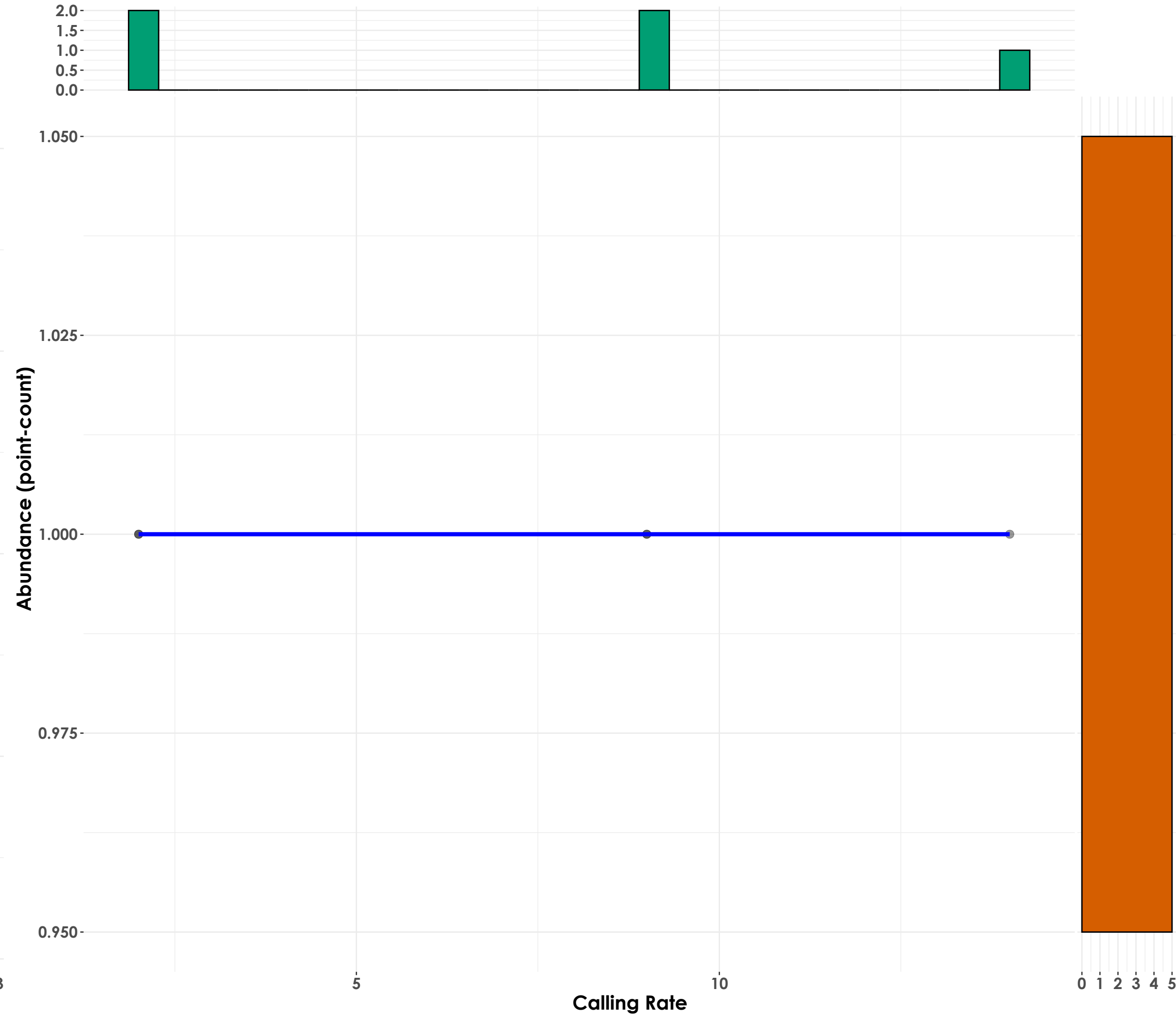
Mourning Dove

Acadia National Park - 2022

$t_{\text{Student}}(2) = -1.14, p = 0.37, \hat{r}_{\text{Winsorized}} = -0.63, \text{CI}_{95\%} [-0.99, 0.84], n_{\text{pairs}} = 4$
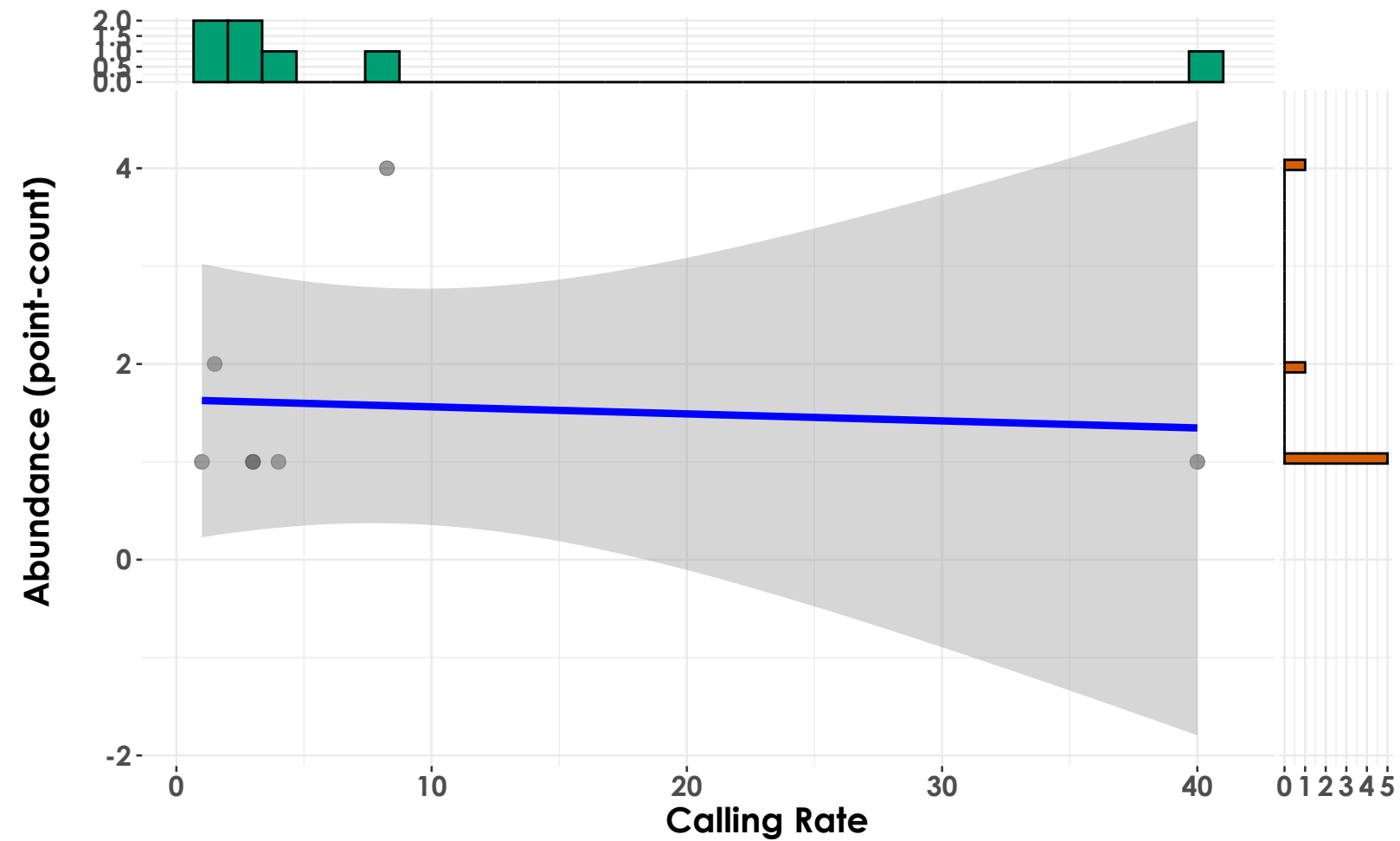
Acadia National Park - 2023

$t_{\text{Student}}(3) = \text{NA}, p = \text{NA}, \hat{r}_{\text{Winsorized}} = \text{NA}, \text{CI}_{95\%} [\text{NA}, \text{NA}], n_{\text{pairs}} = 5$
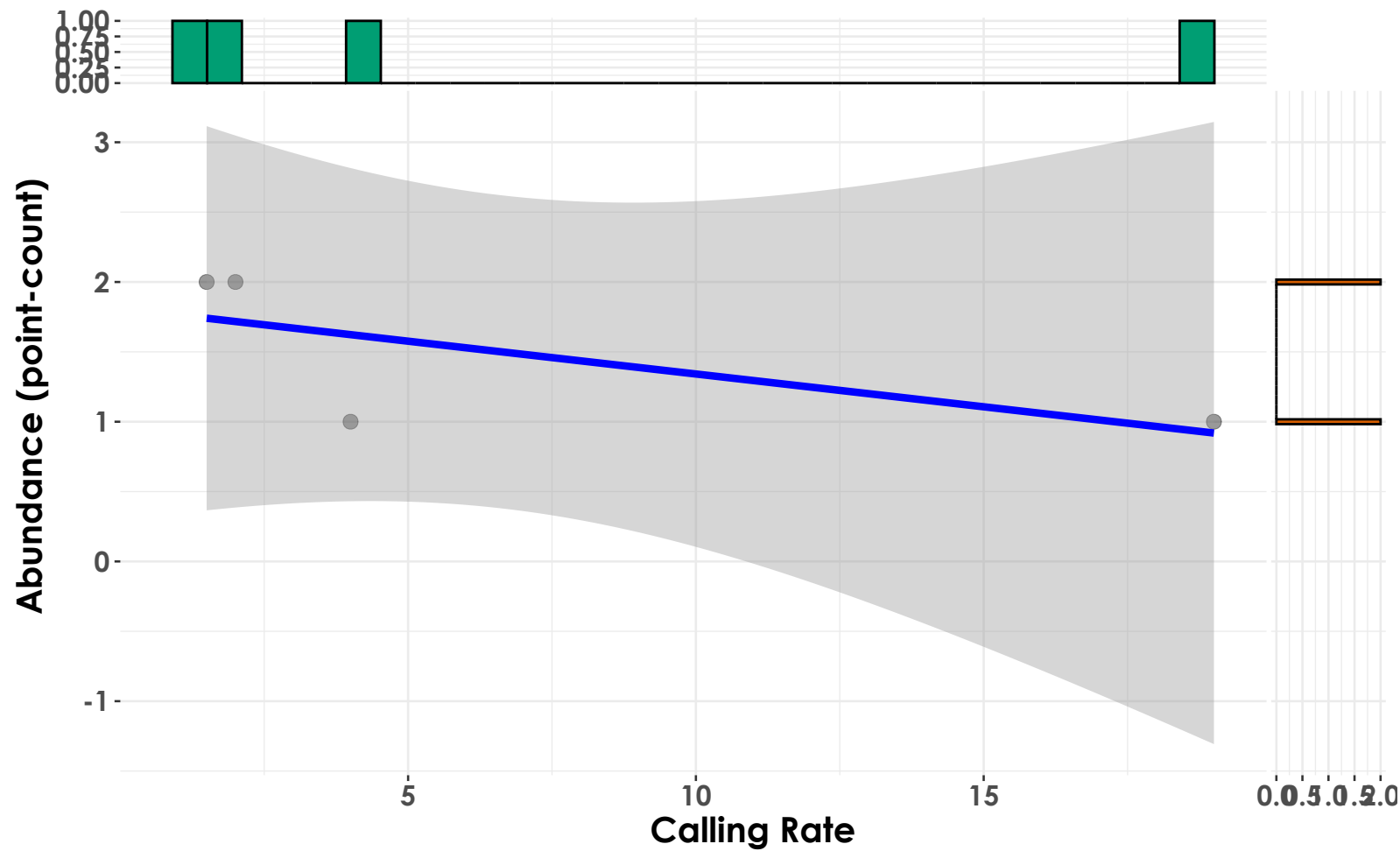
American Robin

Acadia National Park - 2022
$t_{\text{Student}}(5) = 0.35$, $p = 0.74$, $\hat{r}_{\text{Winsorized}} = 0.16$, $\text{CI}_{95\%}$ [-0.68, 0.81], $n_{\text{pairs}} = 7$
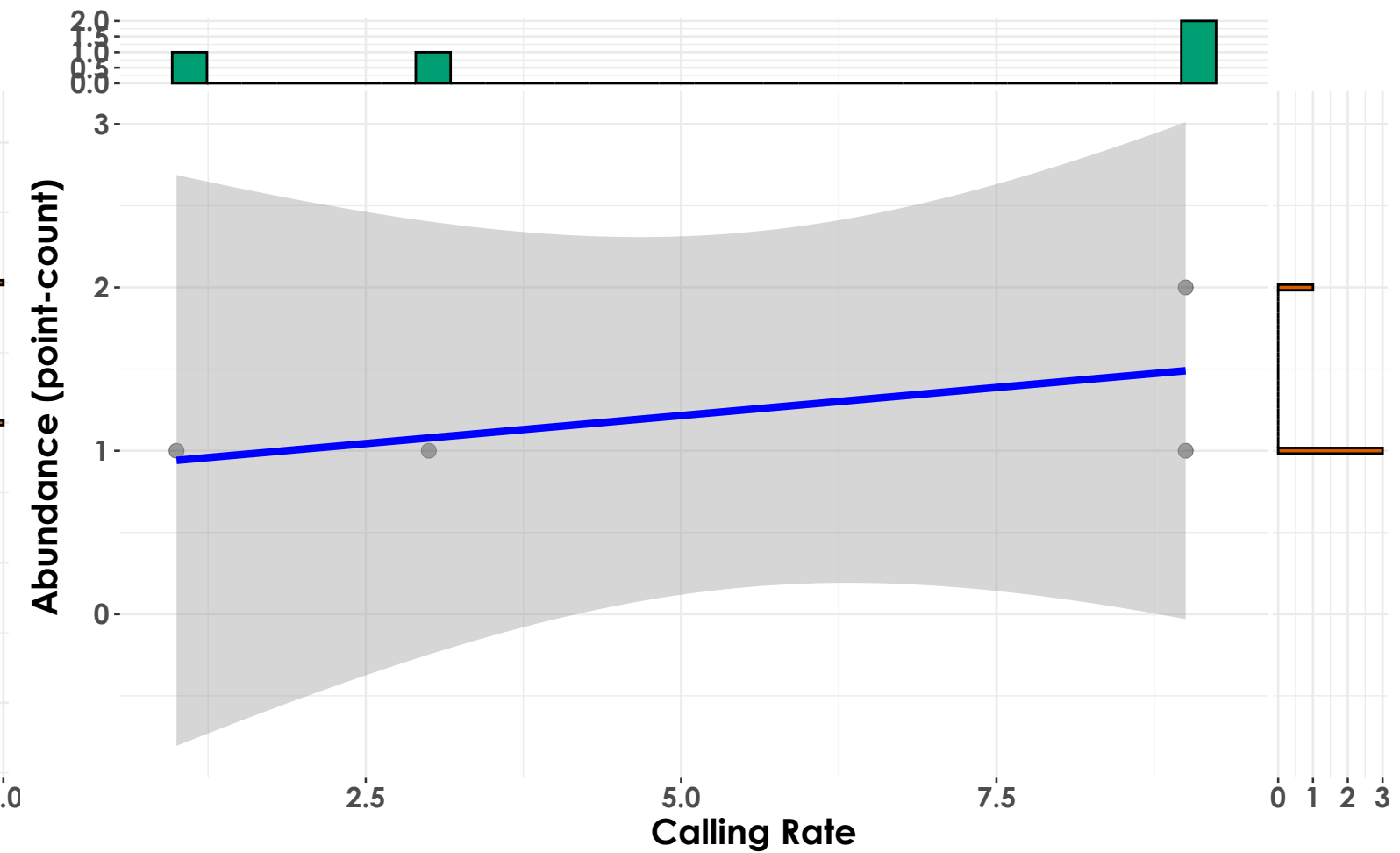
Acadia National Park - 2023
$t_{\text{Student}}(2) = -1.30$, $p = 0.32$, $\hat{r}_{\text{Winsorized}} = -0.68$, $\text{CI}_{95\%}$ [-0.99, 0.81], $n_{\text{pairs}} = 4$
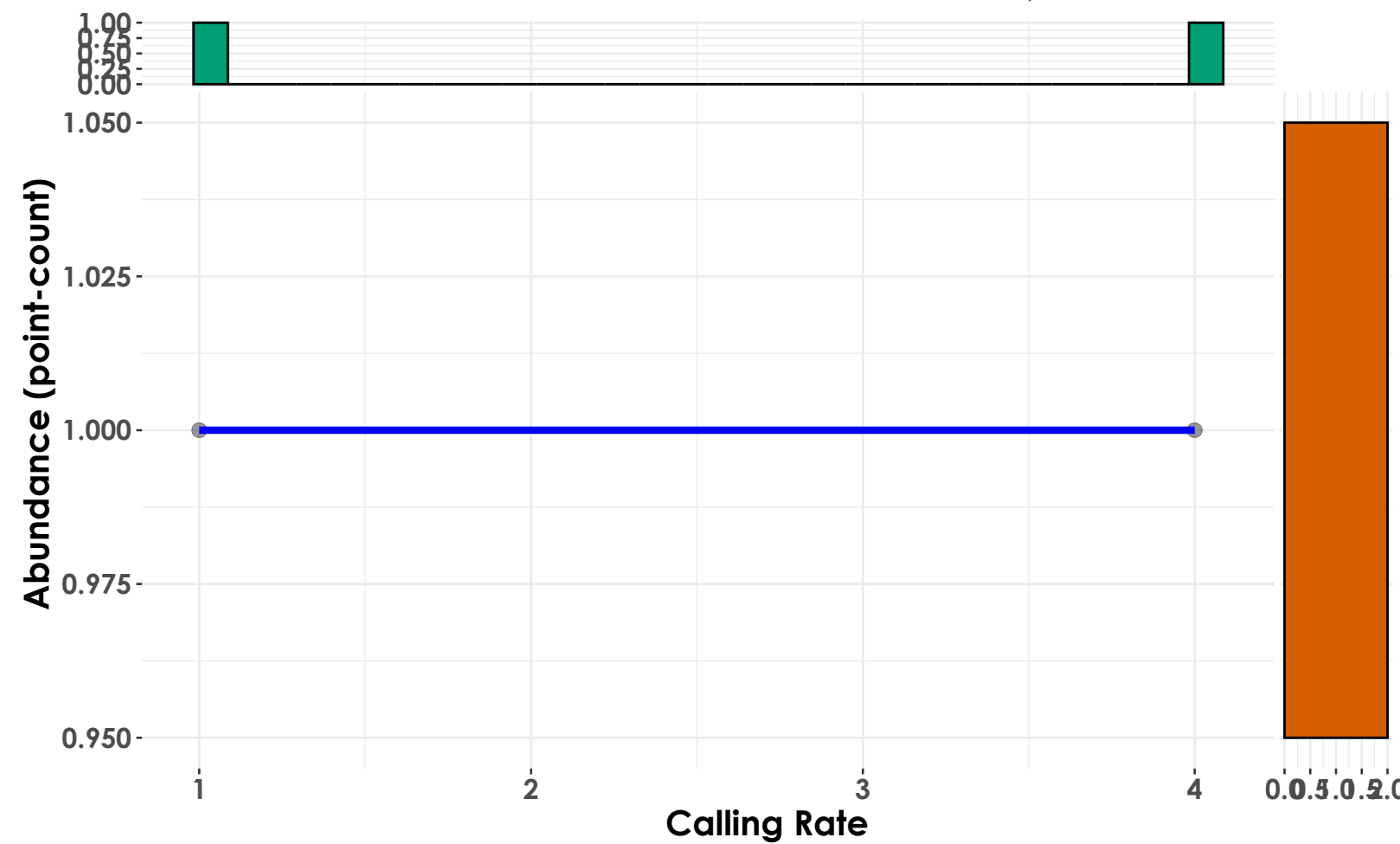
Kawishiwi Watershed - 2022
$t_{\text{Student}}(2) = 0.97$, $p = 0.43$, $\hat{r}_{\text{Winsorized}} = 0.57$, $\text{CI}_{95\%}$ [-0.87, 0.99], $n_{\text{pairs}} = 4$
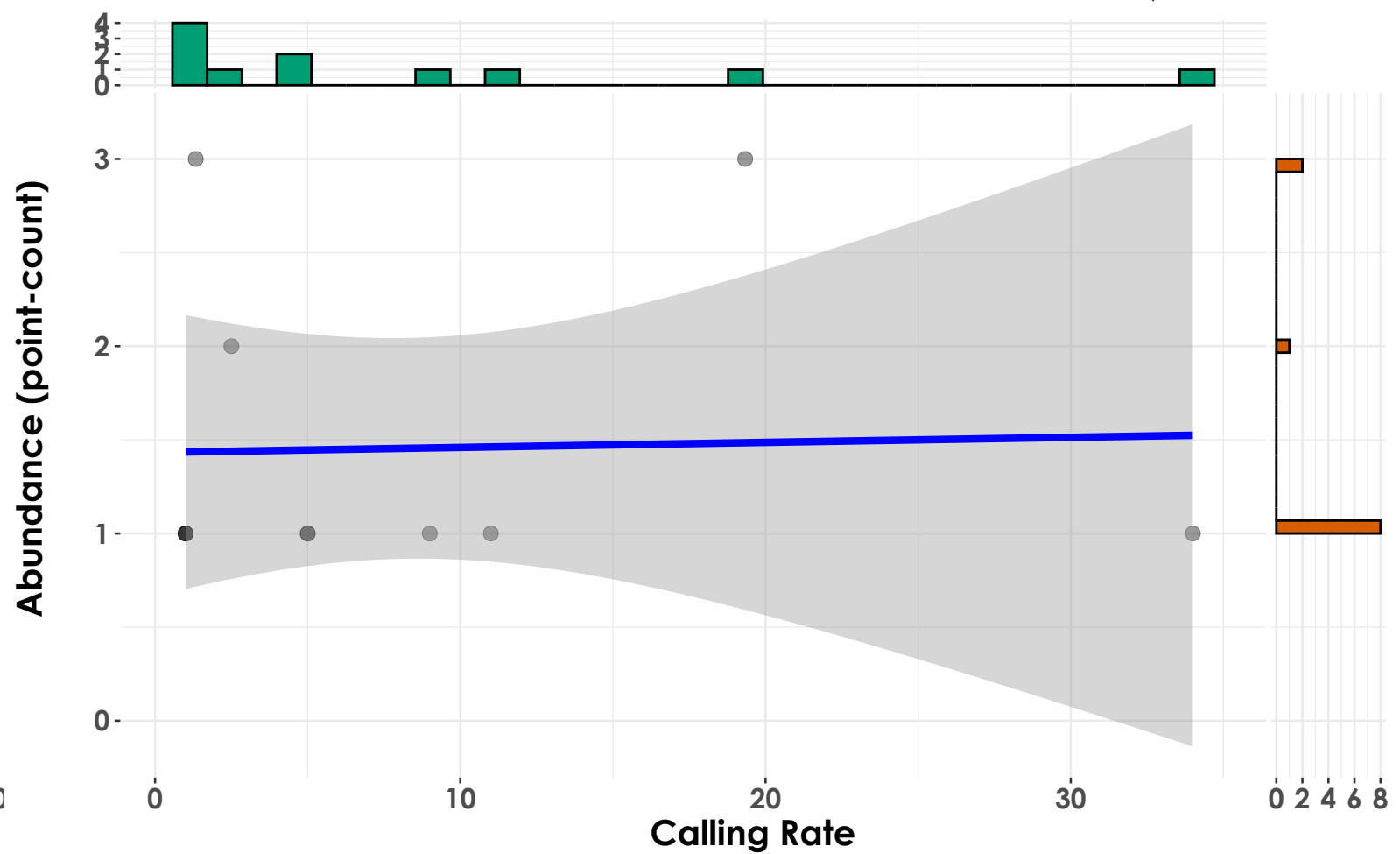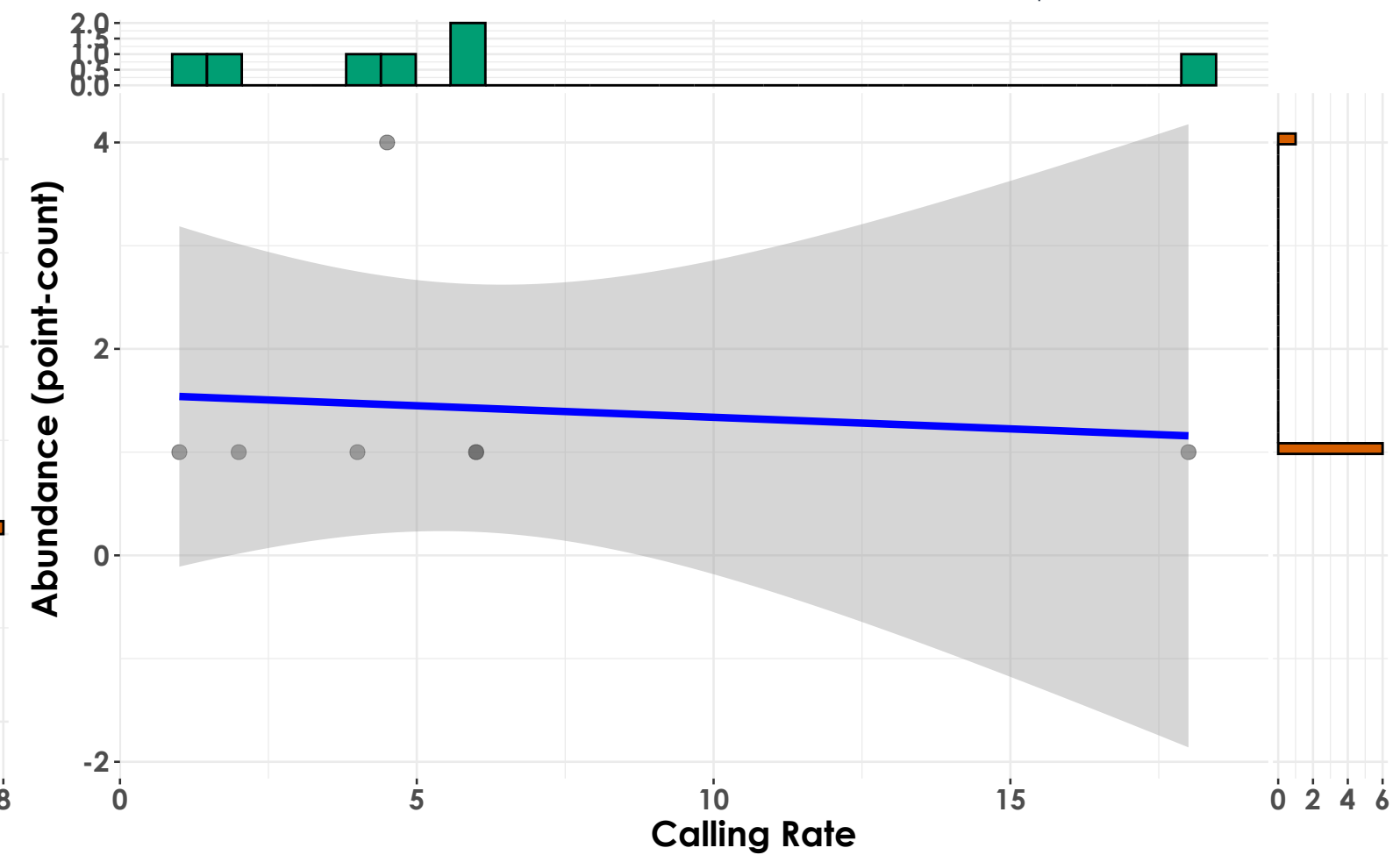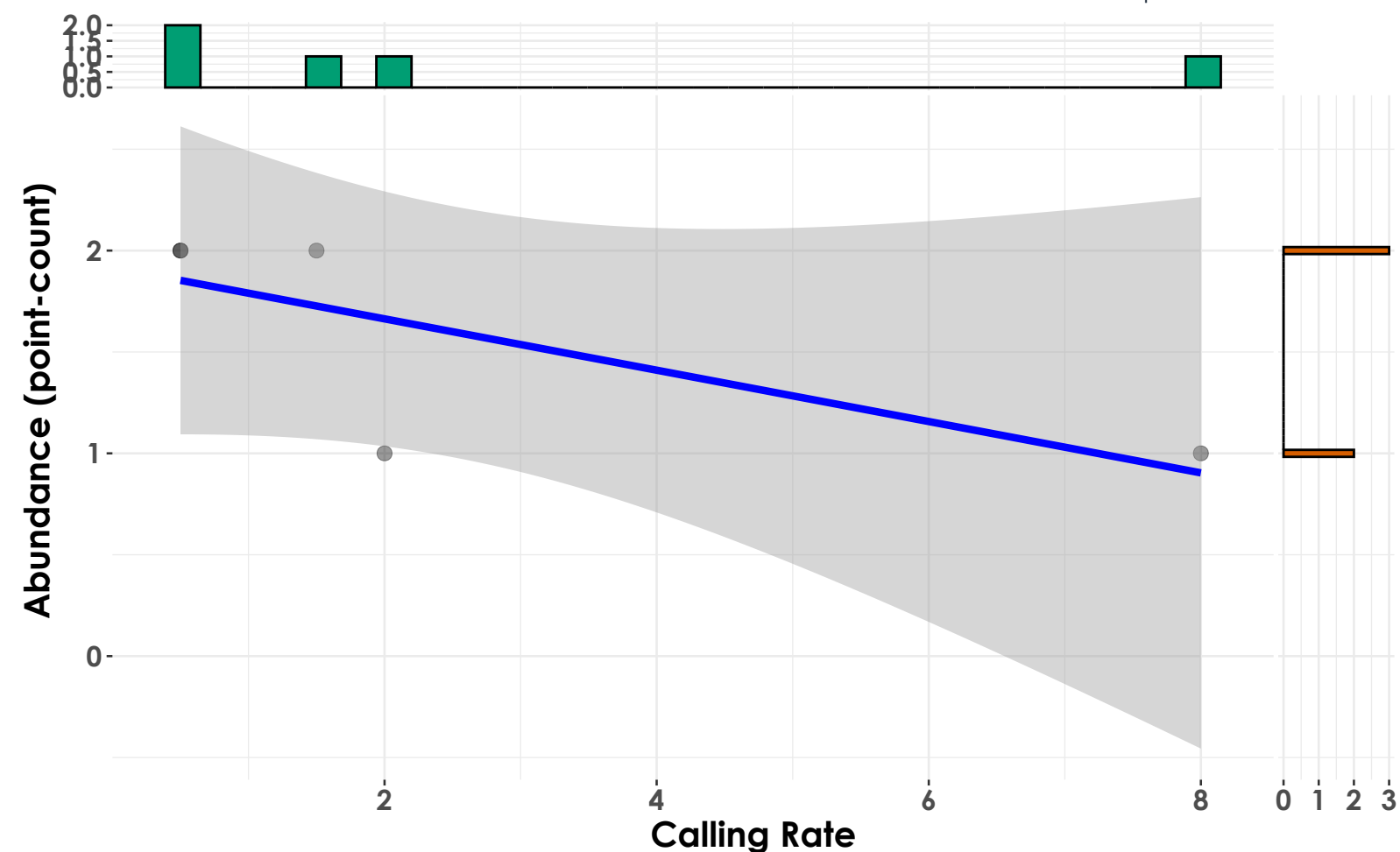
Kawishiwi Watershed - 2023
$t_{\text{Student}}() = \text{NA}$, $p = \text{NA}$, $\hat{r}_{\text{Winsorized}} = \text{NA}$, $\text{CI}_{95\%}$ [NA, NA], $n_{\text{pairs}} = 2$

Marsh-Billings-Rockefeller NHP - 2022
$t_{\text{Student}}(9) = -0.18$, $p = 0.86$, $\hat{r}_{\text{Winsorized}} = -0.06$, $\text{CI}_{95\%}$ [-0.64, 0.56], $n_{\text{pairs}} = 11$

Marsh-Billings-Rockefeller NHP - 2023
$t_{\text{Student}}(5) = \text{NA}$, $p = \text{NA}$, $\hat{r}_{\text{Winsorized}} = \text{NA}$, $\text{CI}_{95\%}$ [NA, NA], $n_{\text{pairs}} = 7$
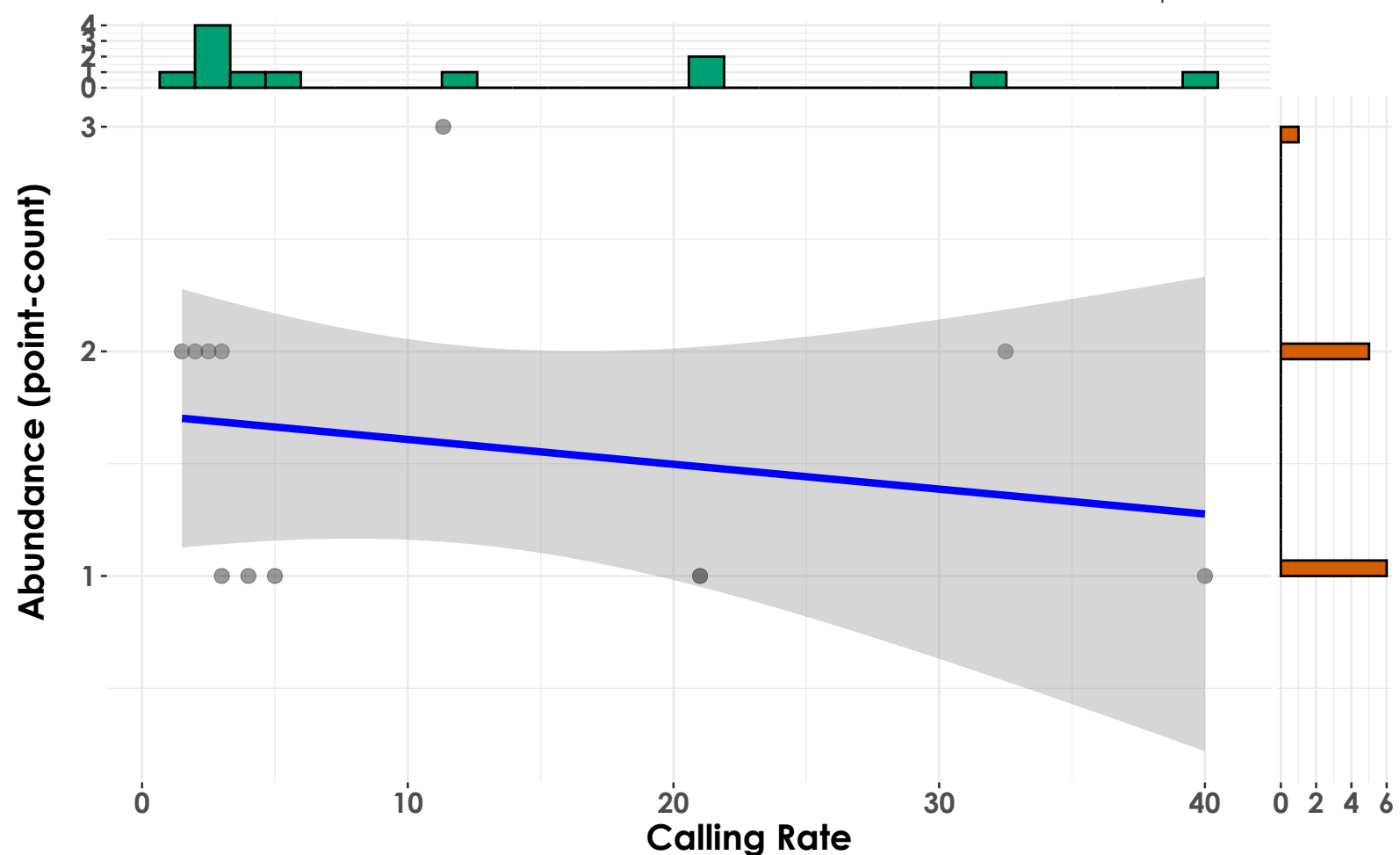
Blackburnian Warbler

Acadia National Park - 2023
$t_{\text{Student}}(3) = -2.71, p = 0.07, \hat{r}_{\text{Winsorized}} = -0.84, \text{CI}_{95\%} [-0.99, 0.15], n_{\text{pairs}} = 5$
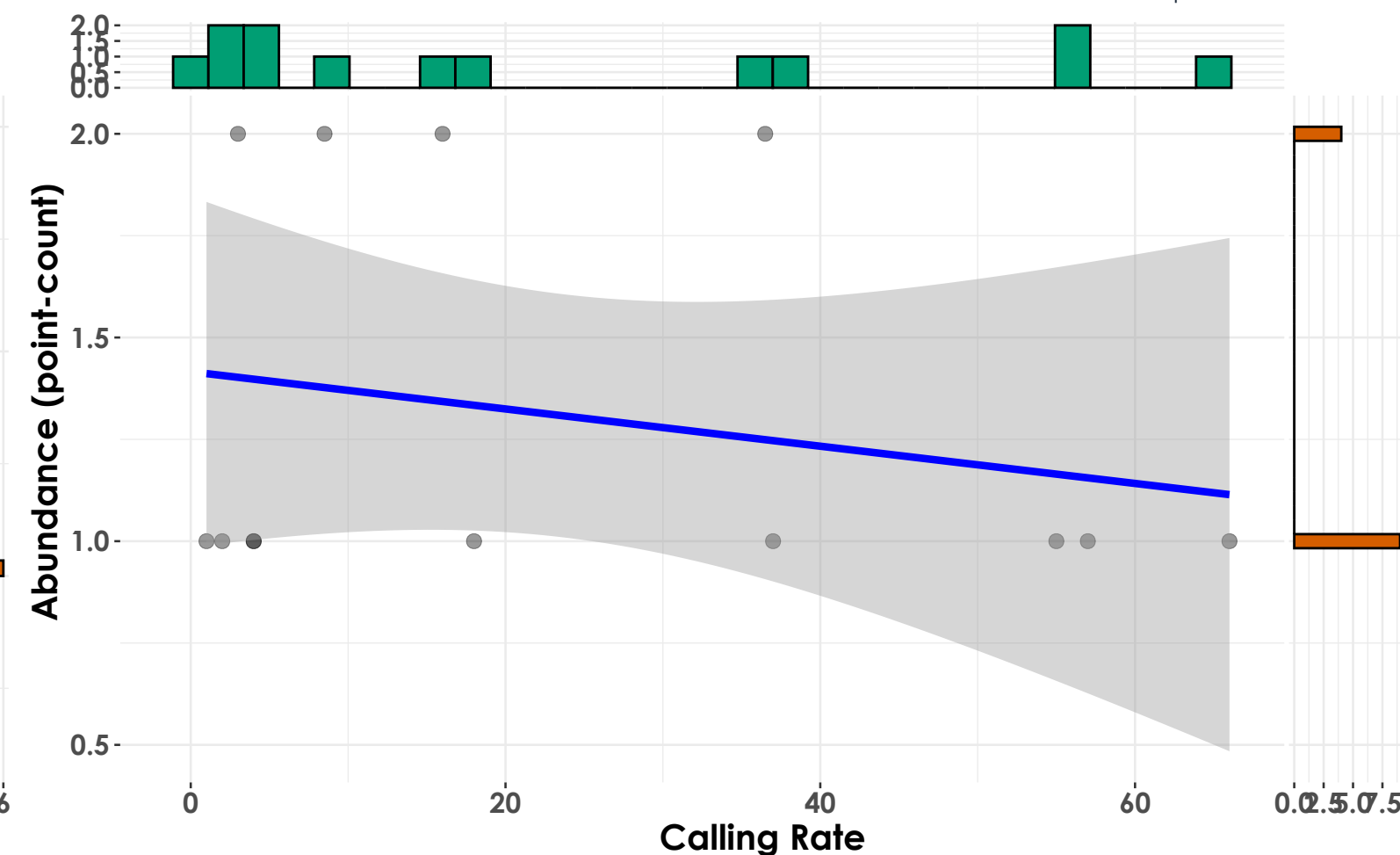
Hubbard Brook Experimental Forest - 2022
$t_{\text{Student}}(10) = -1.09, p = 0.30, \hat{r}_{\text{Winsorized}} = -0.33, \text{CI}_{95\%} [-0.76, 0.31], n_{\text{pairs}} = 12$
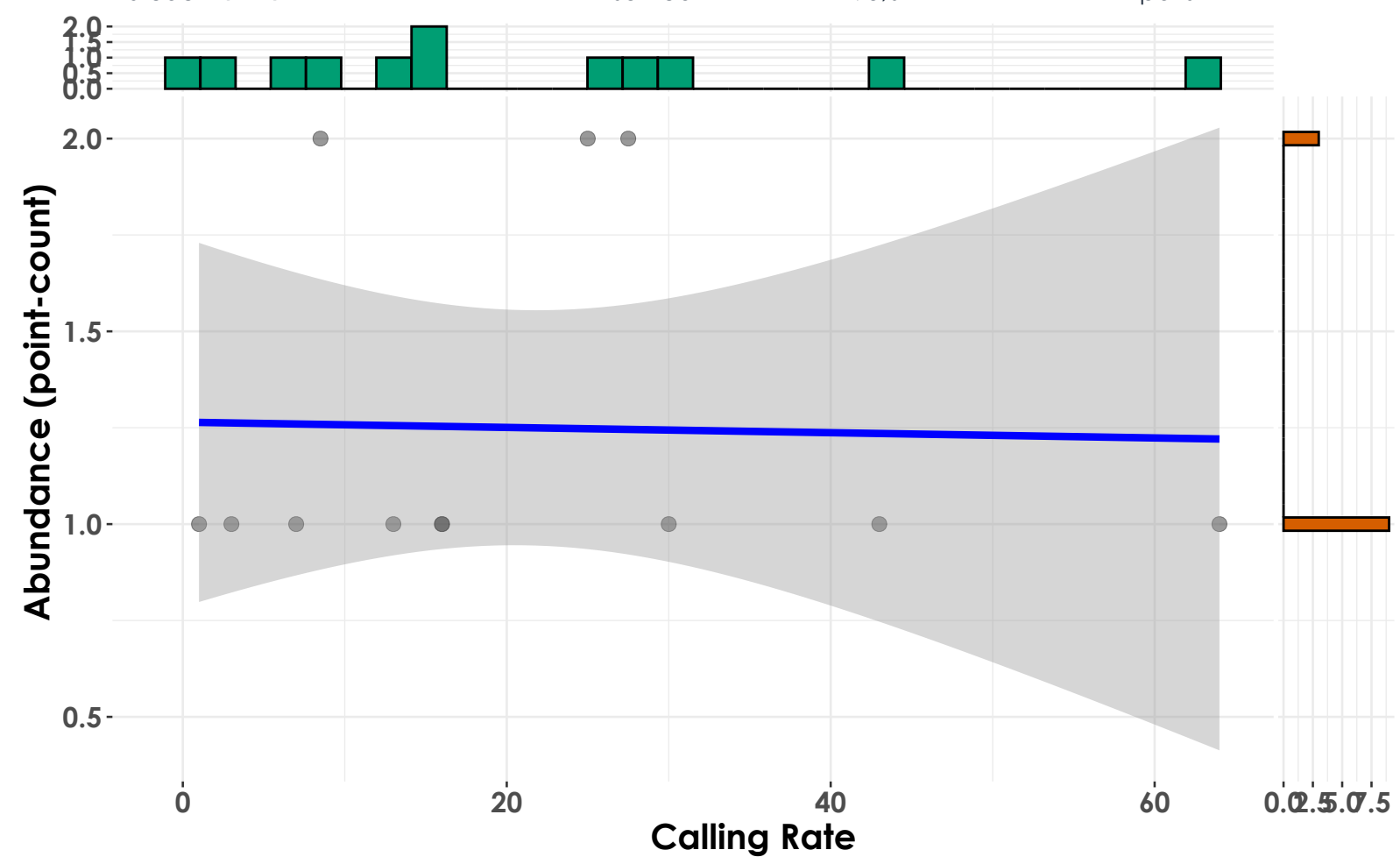
Hubbard Brook Experimental Forest - 2023
$t_{\text{Student}}(11) = -0.75, p = 0.47, \hat{r}_{\text{Winsorized}} = -0.22, \text{CI}_{95\%} [-0.69, 0.38], n_{\text{pairs}} = 13$
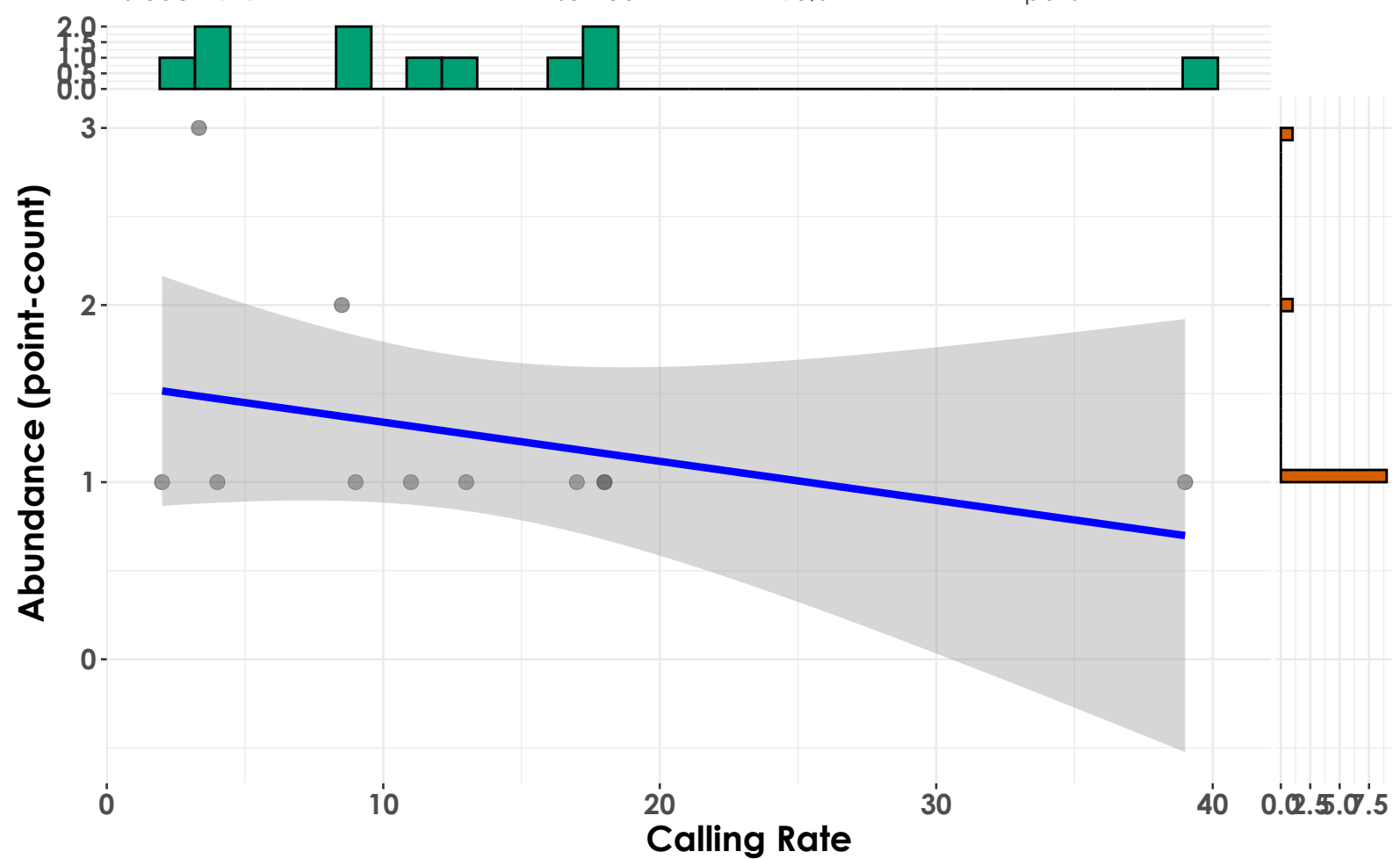
Kawishiwi Watershed - 2023
$t_{\text{Student}}(10) = 0.44, p = 0.67, \hat{r}_{\text{Winsorized}} = 0.14, \text{CI}_{95\%} [-0.47, 0.66], n_{\text{pairs}} = 12$
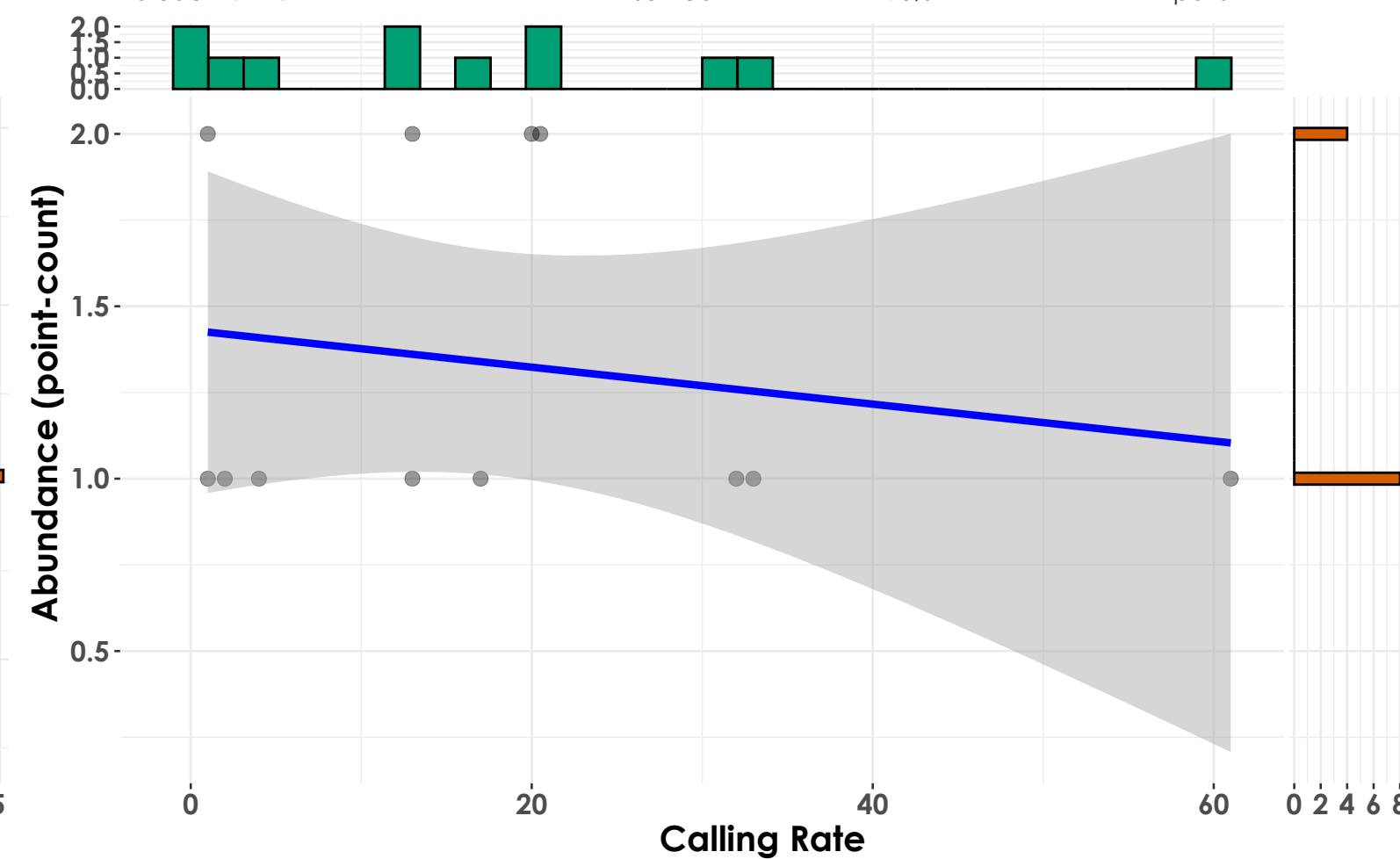
Marsh-Billings-Rockefeller NHP - 2022
$t_{\text{Student}}(9) = \text{NA}, p = \text{NA}, \hat{r}_{\text{Winsorized}} = \text{NA}, \text{CI}_{95\%} [\text{NA}, \text{NA}], n_{\text{pairs}} = 11$

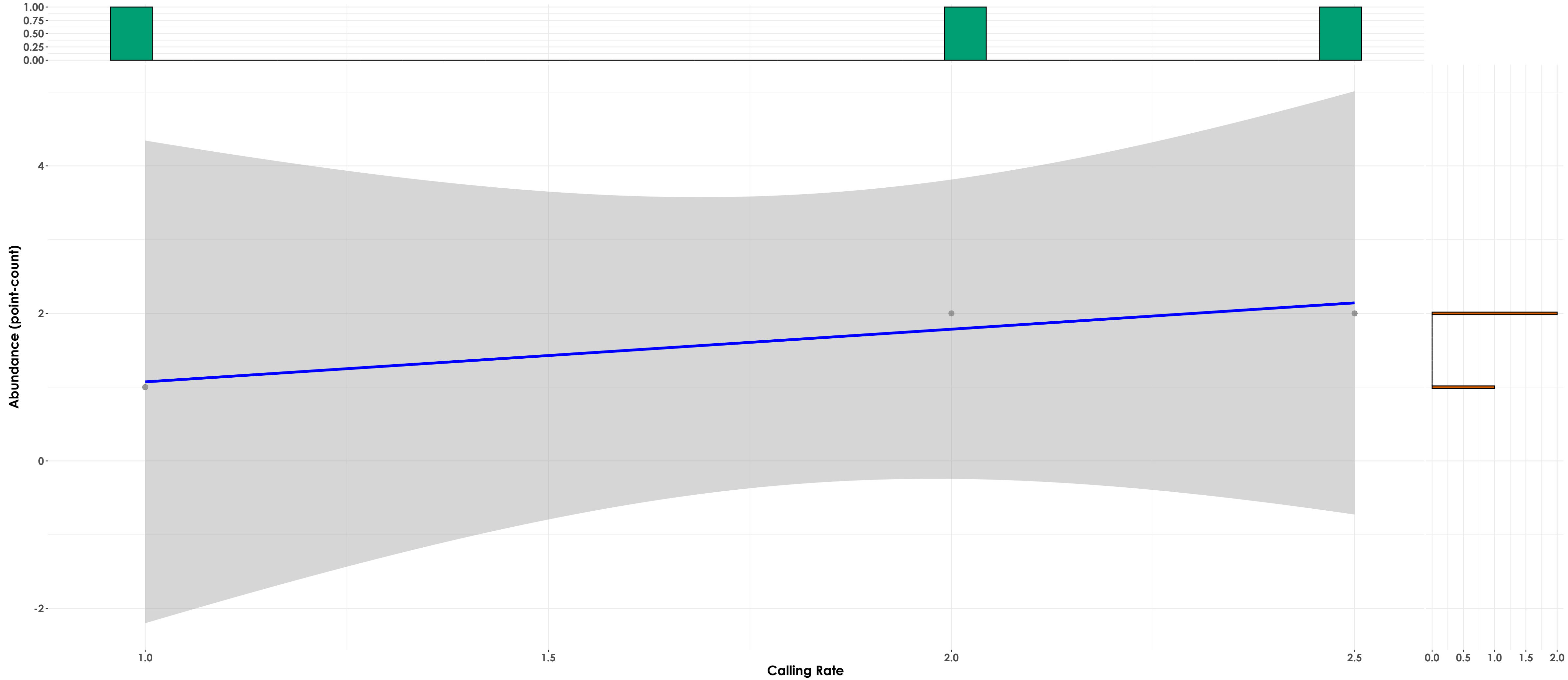**Marsh-Billings-Rockefeller NHP - 2023**
$t_{\text{Student}}(10) = -0.38, p = 0.71, \hat{r}_{\text{Winsorized}} = -0.12, \text{CI}_{95\%} [-0.65, 0.49], n_{\text{pairs}} = 12$

American Goldfinch
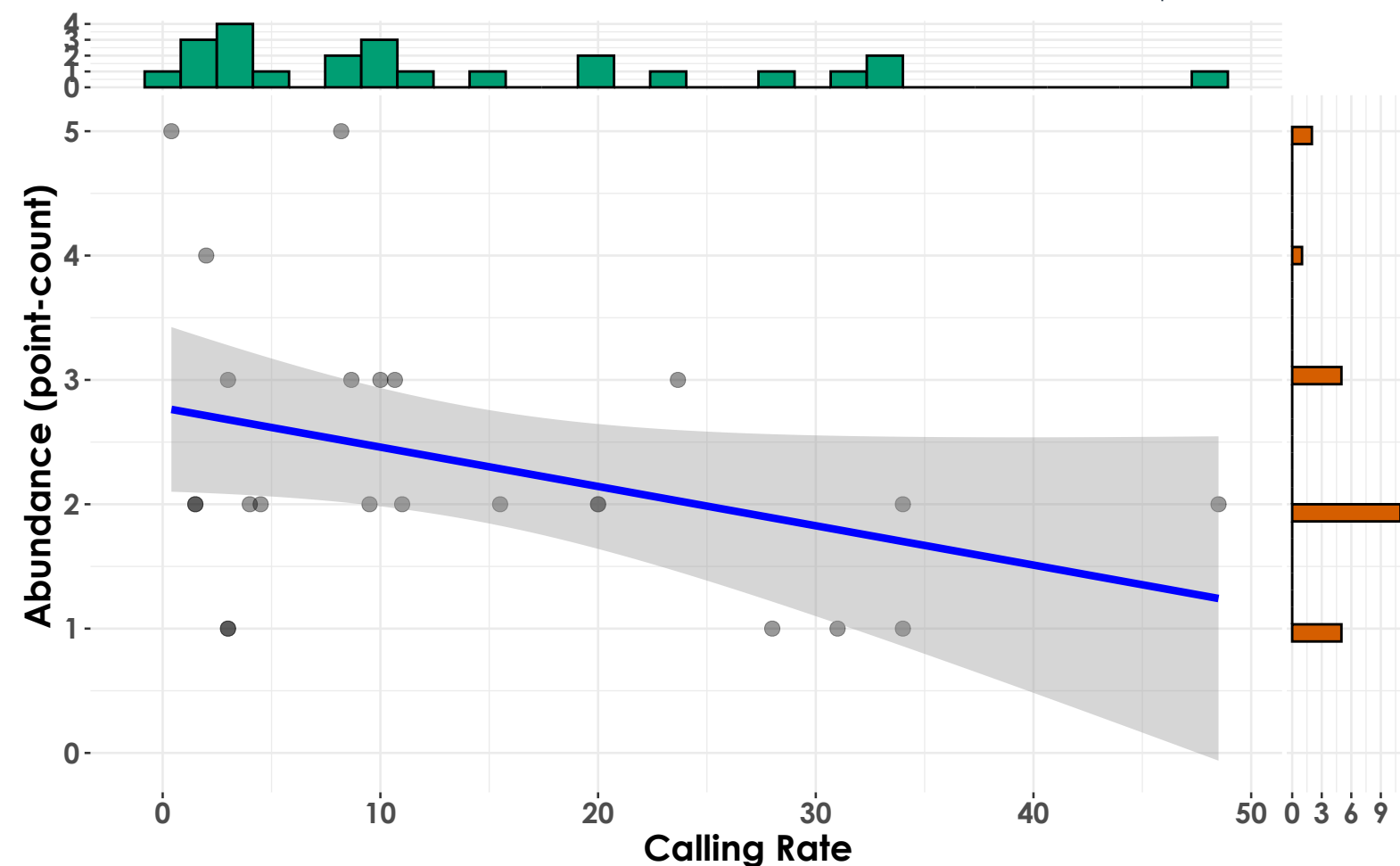
Acadia National Park - 2022

$t_{\text{Student}}(1) = 2.89, p = 0.21, \hat{r}_{\text{Winsorized}} = 0.94, \text{CI}_{95\%} [\text{NA}, \text{NA}], n_{\text{pairs}} = 3$
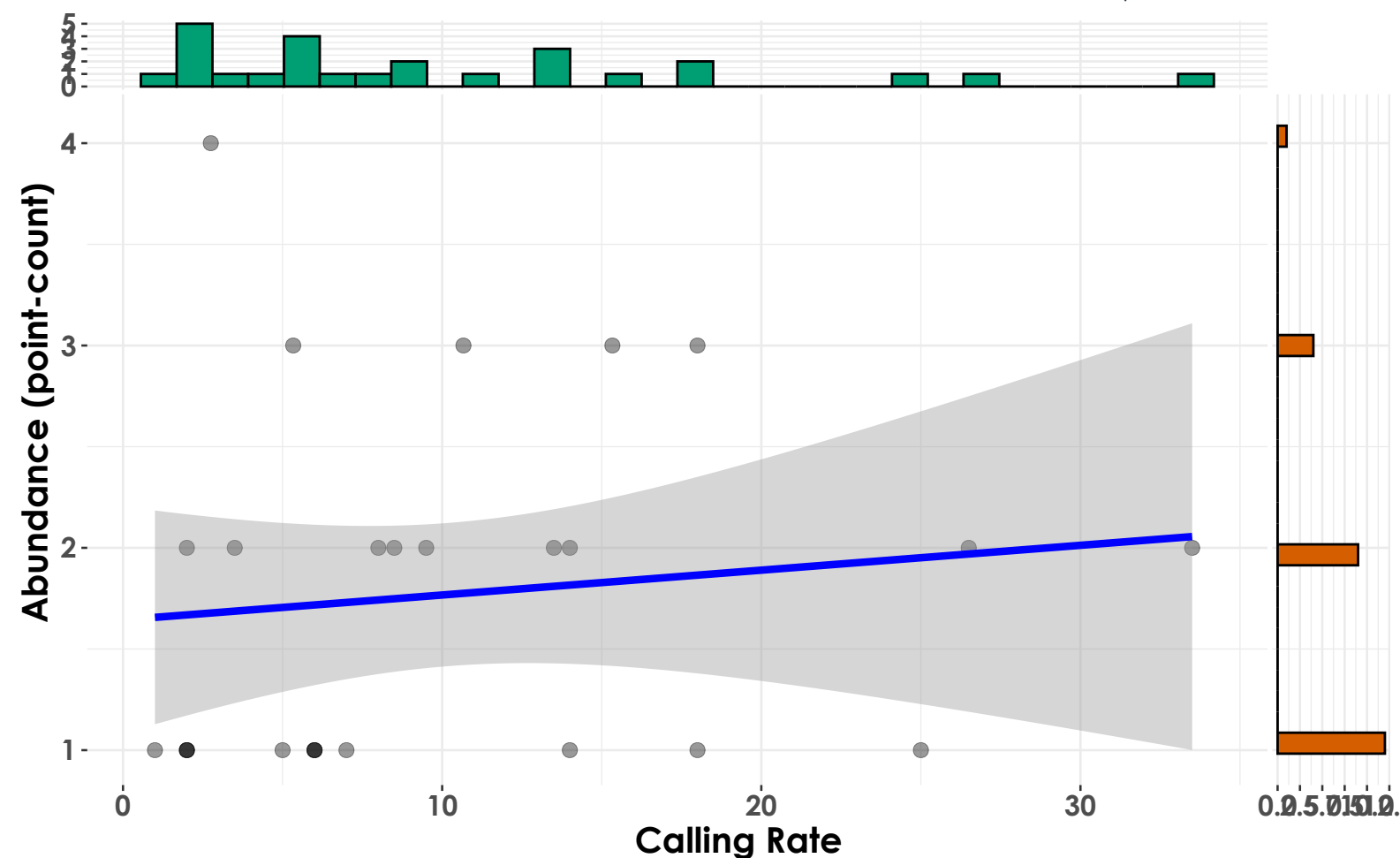
Black-throated Blue Warbler

Hubbard Brook Experimental Forest - 2022
$t_{\text{Student}}(22) = -1.72, p = 0.10, \hat{r}_{\text{Winsorized}} = -0.34, \text{CI}_{95\%} [-0.66, 0.07], n_{\text{pairs}} = 24$
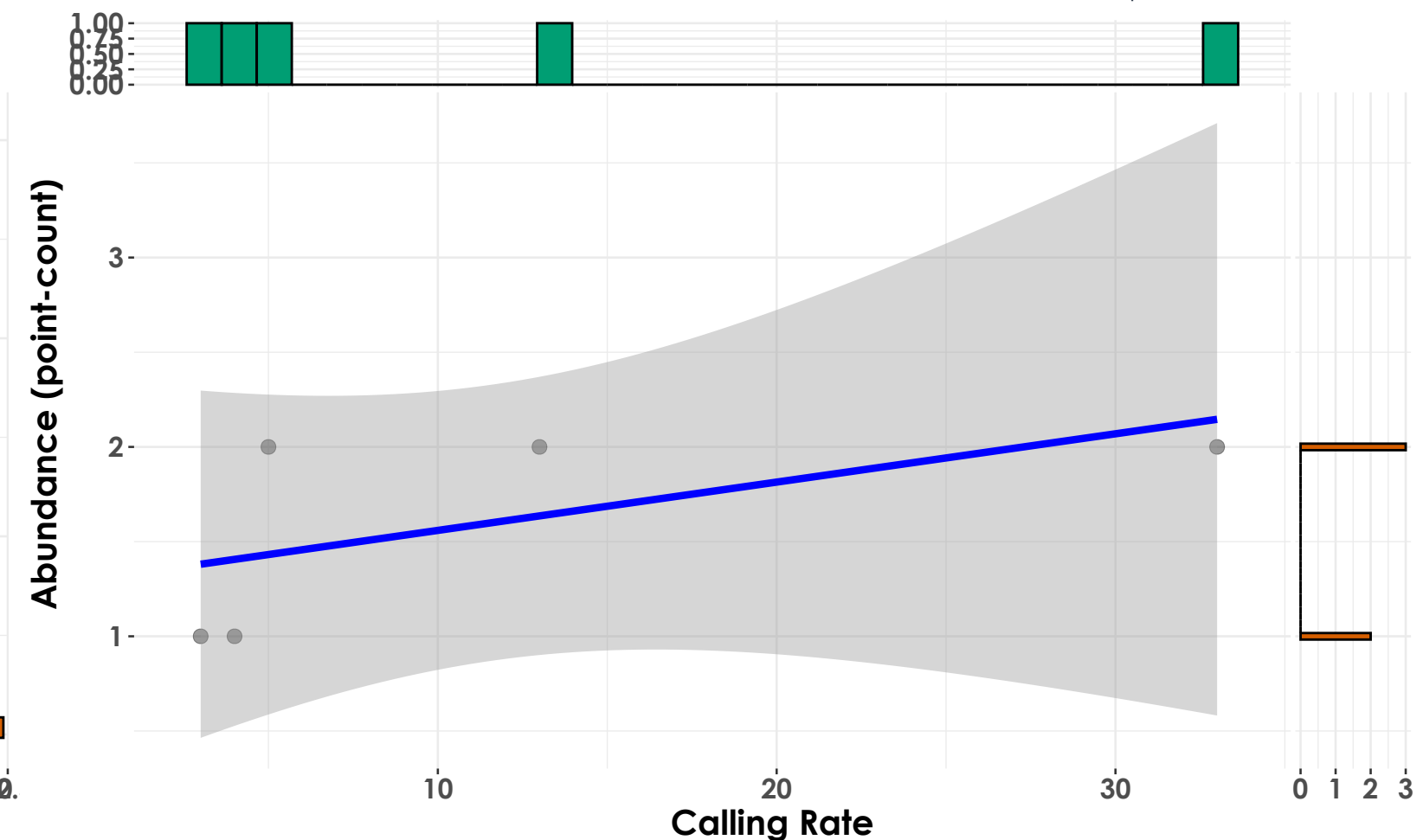
Hubbard Brook Experimental Forest - 2023
$t_{\text{Student}}(24) = 1.47, p = 0.16, \hat{r}_{\text{Winsorized}} = 0.29, \text{CI}_{95\%} [-0.11, 0.61], n_{\text{pairs}} = 26$
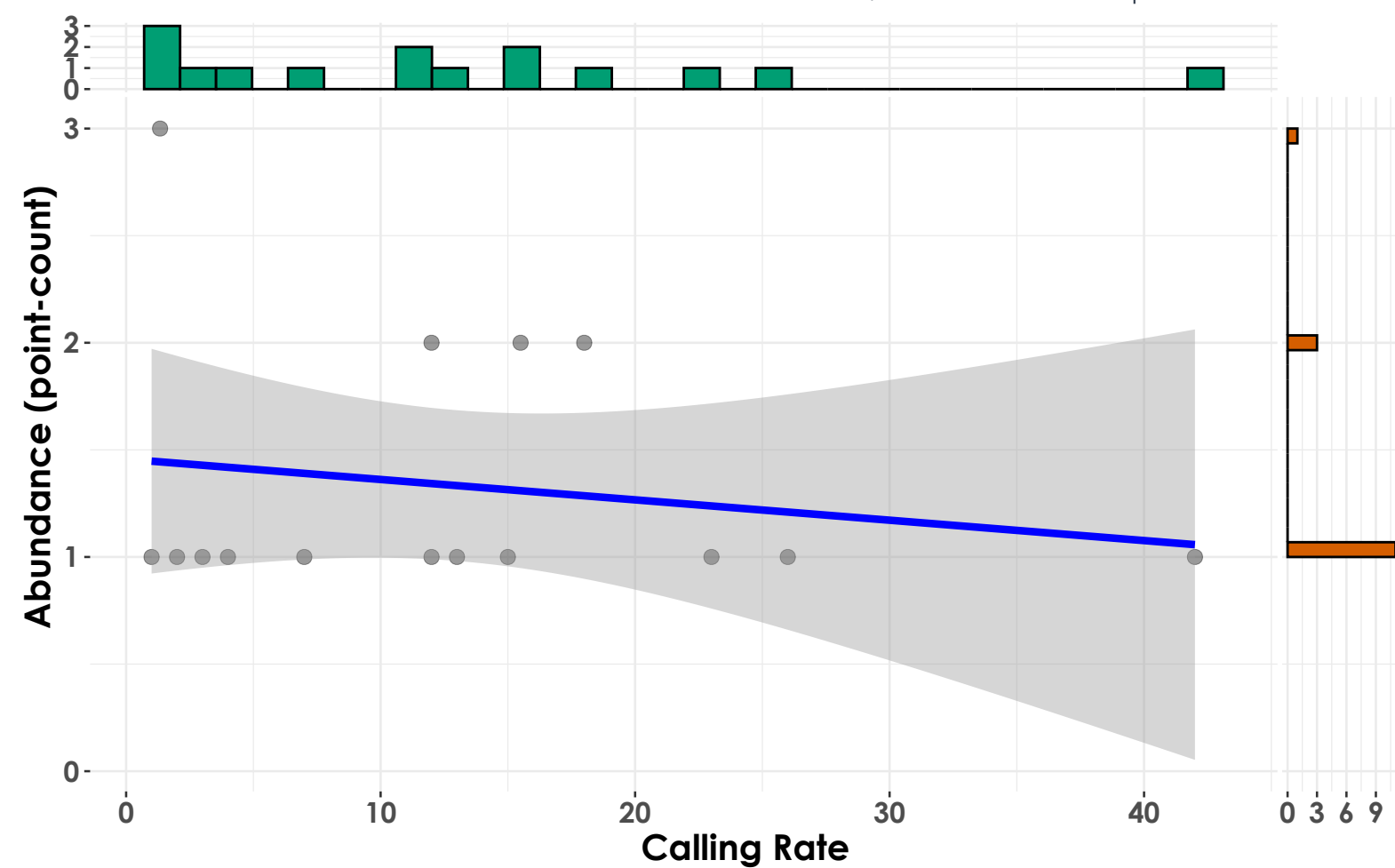
Kawishiwi Watershed - 2022
$t_{\text{Student}}(3) = 1.84, p = 0.16, \hat{r}_{\text{Winsorized}} = 0.73, \text{CI}_{95\%} [-0.43, 0.98], n_{\text{pairs}} = 5$
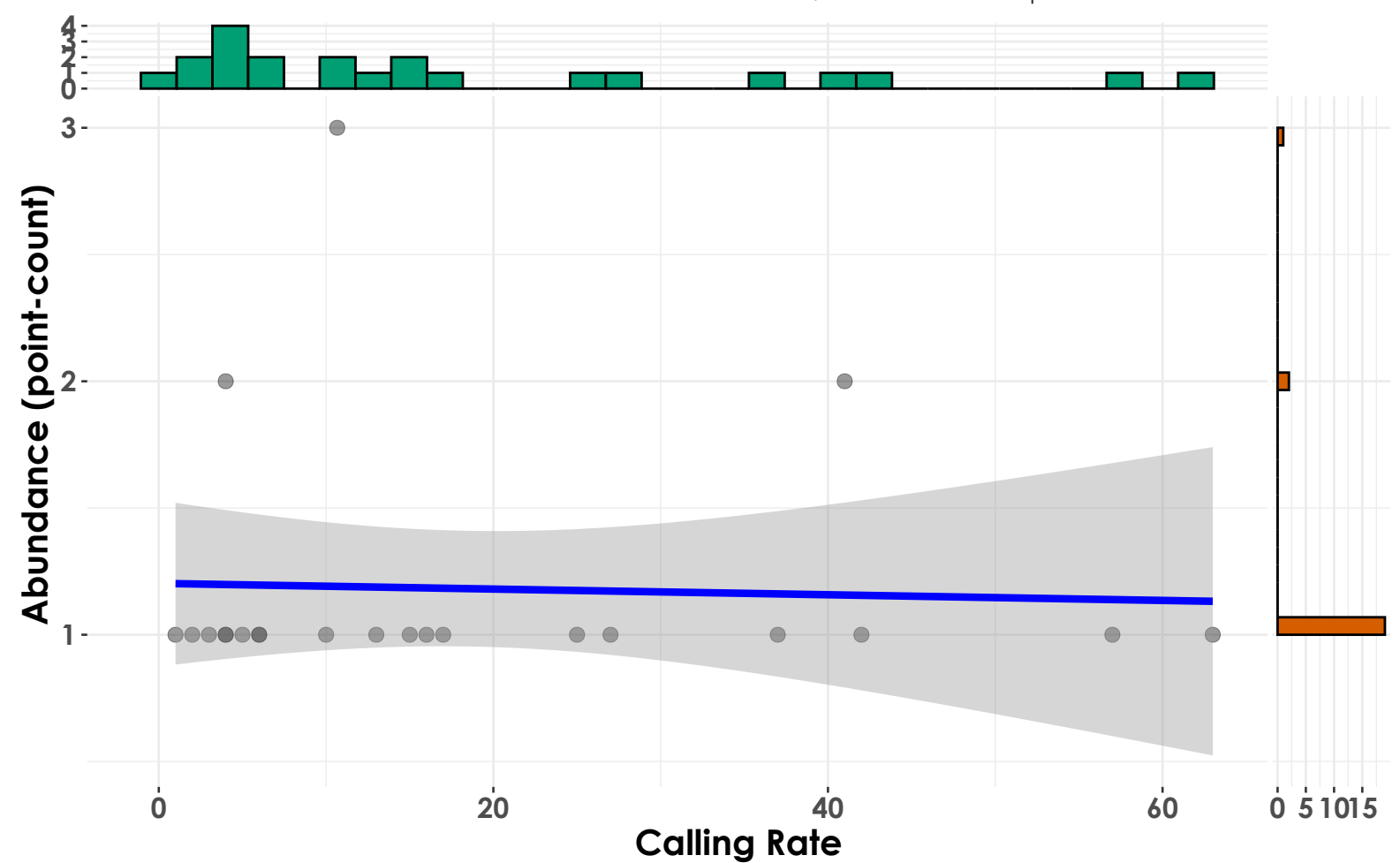
Kawishiwi Watershed - 2023
$t_{\text{Student}}(13) = 0.46, p = 0.65, \hat{r}_{\text{Winsorized}} = 0.13, \text{CI}_{95\%} [-0.41, 0.60], n_{\text{pairs}} = 15$
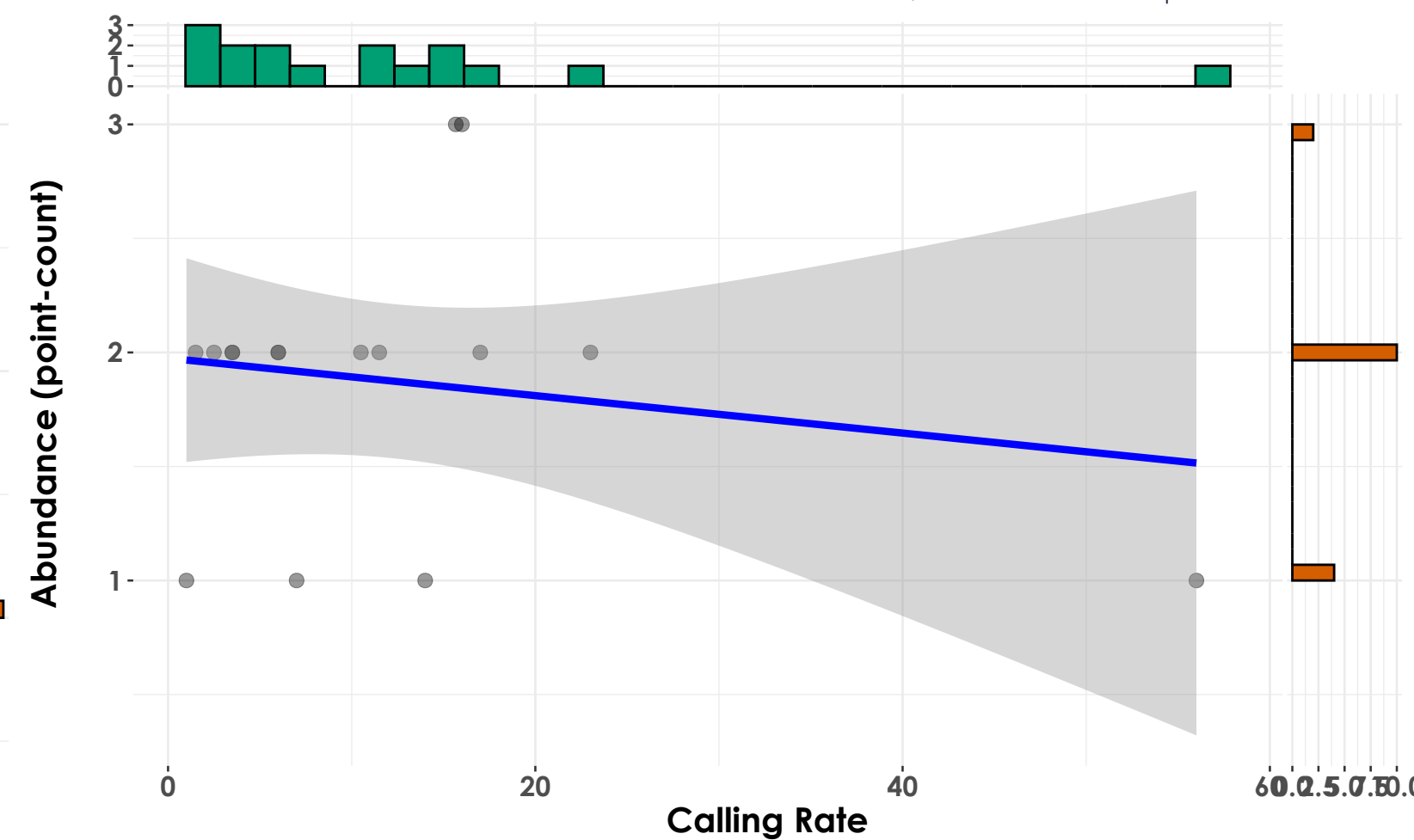
Marsh-Billings-Rockefeller NHP - 2022
$t_{\text{Student}}(20) = \text{NA}, p = \text{NA}, \hat{r}_{\text{Winsorized}} = \text{NA}, \text{CI}_{95\%} [\text{NA}, \text{NA}], n_{\text{pairs}} = 22$

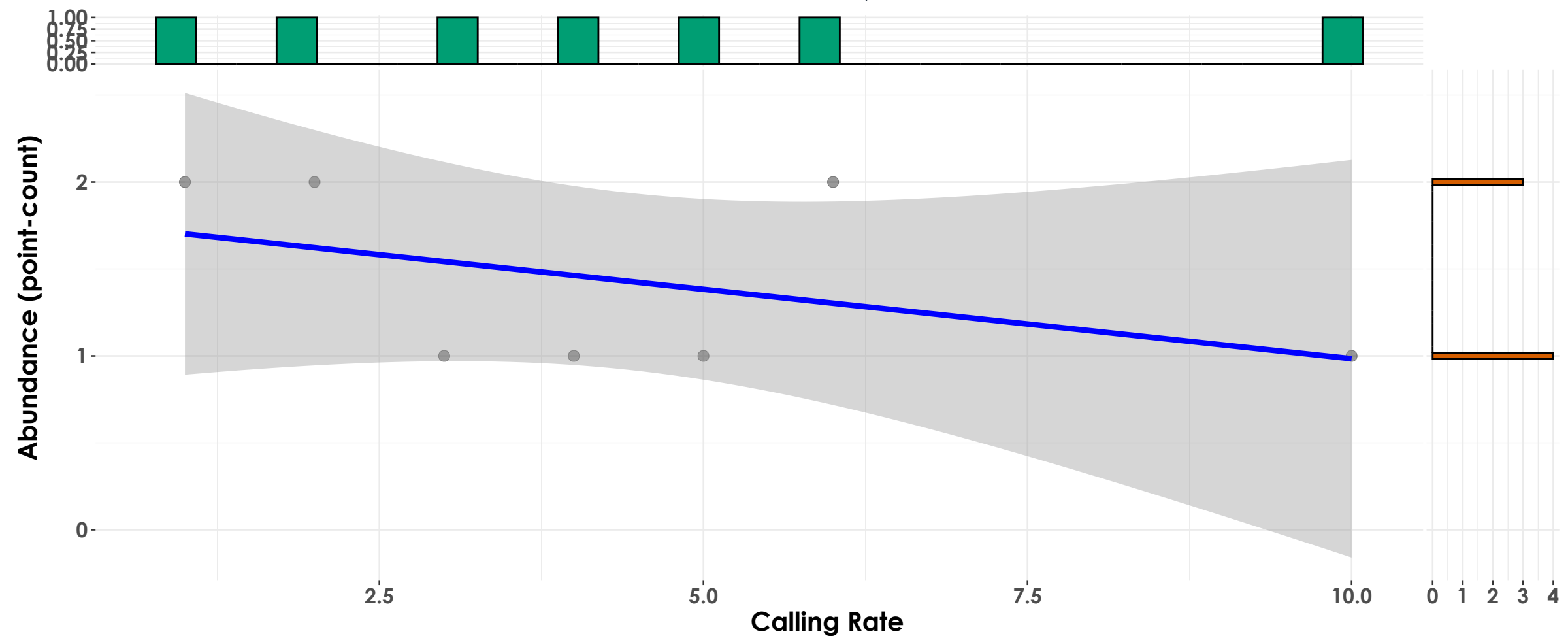## Marsh-Billings-Rockefeller NHP - 2023
$t_{\text{Student}}(14) = -0.25, p = 0.80, \hat{r}_{\text{Winsorized}} = -0.07, \text{CI}_{95\%} [-0.54, 0.44], n_{\text{pairs}} = 16$
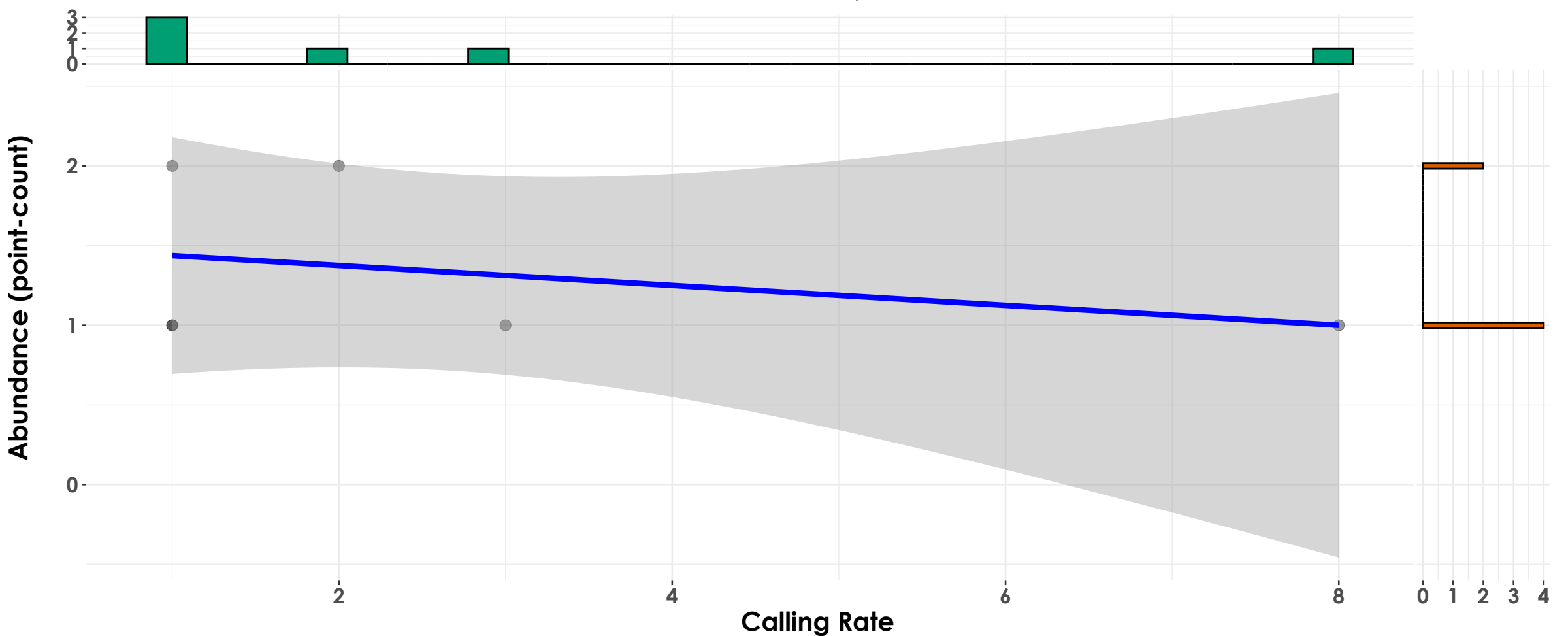
Yellow-bellied Sapsucker

Hubbard Brook Experimental Forest - 2022

$t_{\text{Student}}(5) = -0.86, p = 0.43, \hat{r}_{\text{Winsorized}} = -0.36, \text{CI}_{95\%} [-0.88, 0.54], n_{\text{pairs}} = 7$
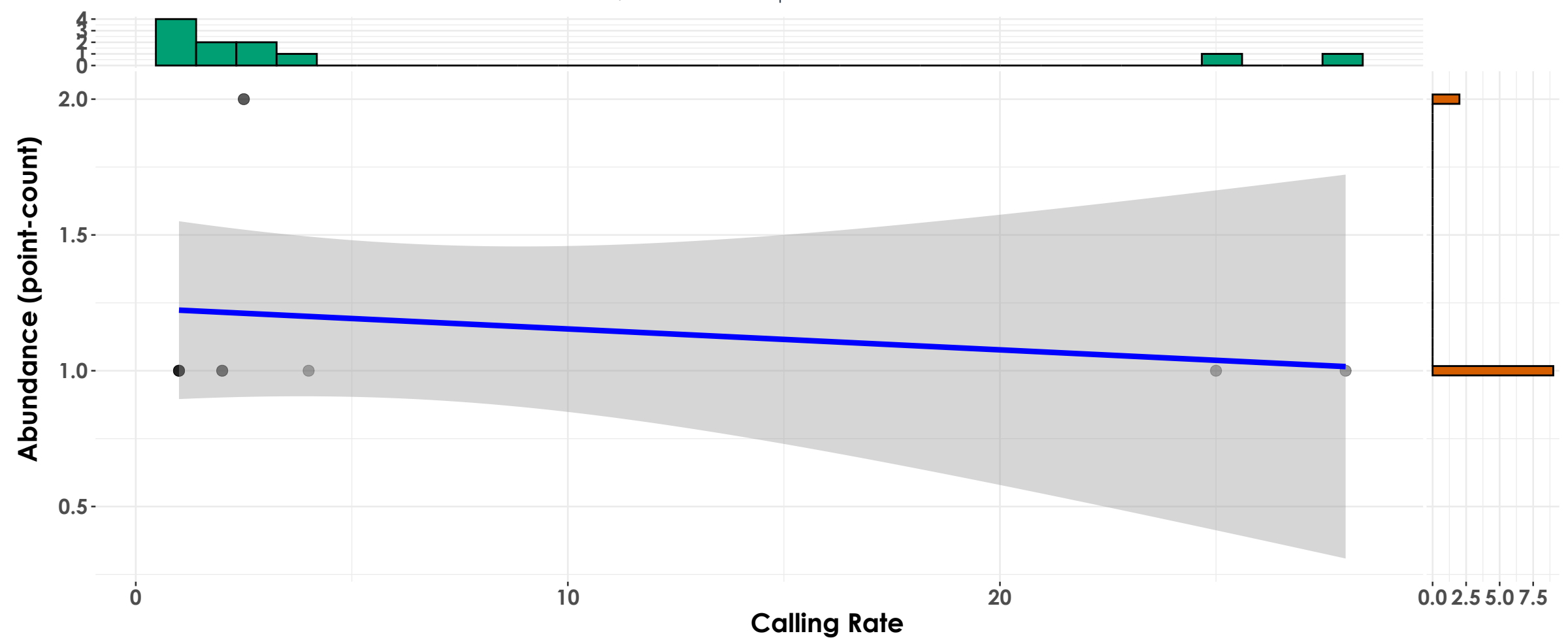
Hubbard Brook Experimental Forest - 2023

$t_{\text{Student}}(4) = -0.54, p = 0.62, \hat{r}_{\text{Winsorized}} = -0.26, \text{CI}_{95\%} [-0.89, 0.70], n_{\text{pairs}} = 6$
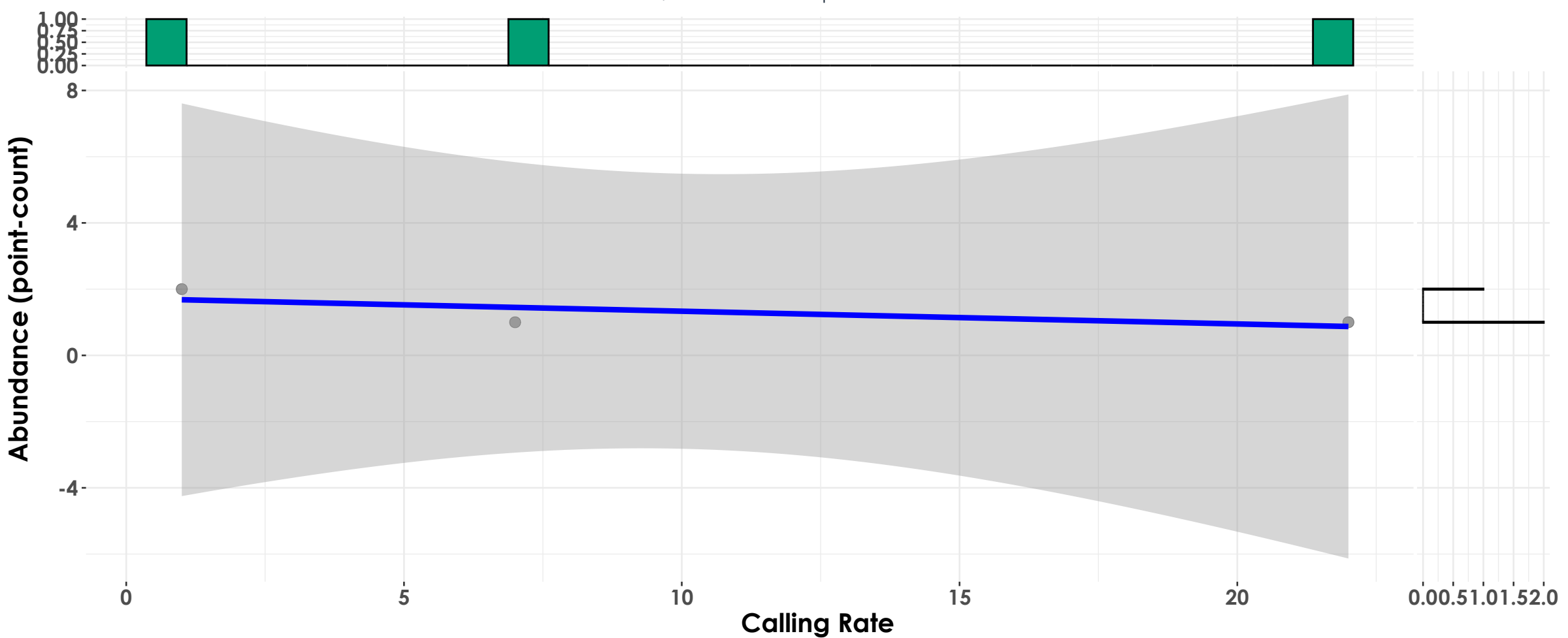
Marsh-Billings-Rockefeller NHP - 2022

$t_{\text{Student}}(9) = \text{NA}, p = \text{NA}, \hat{r}_{\text{Winsorized}} = \text{NA}, \text{CI}_{95\%} [\text{NA}, \text{NA}], n_{\text{pairs}} = 11$

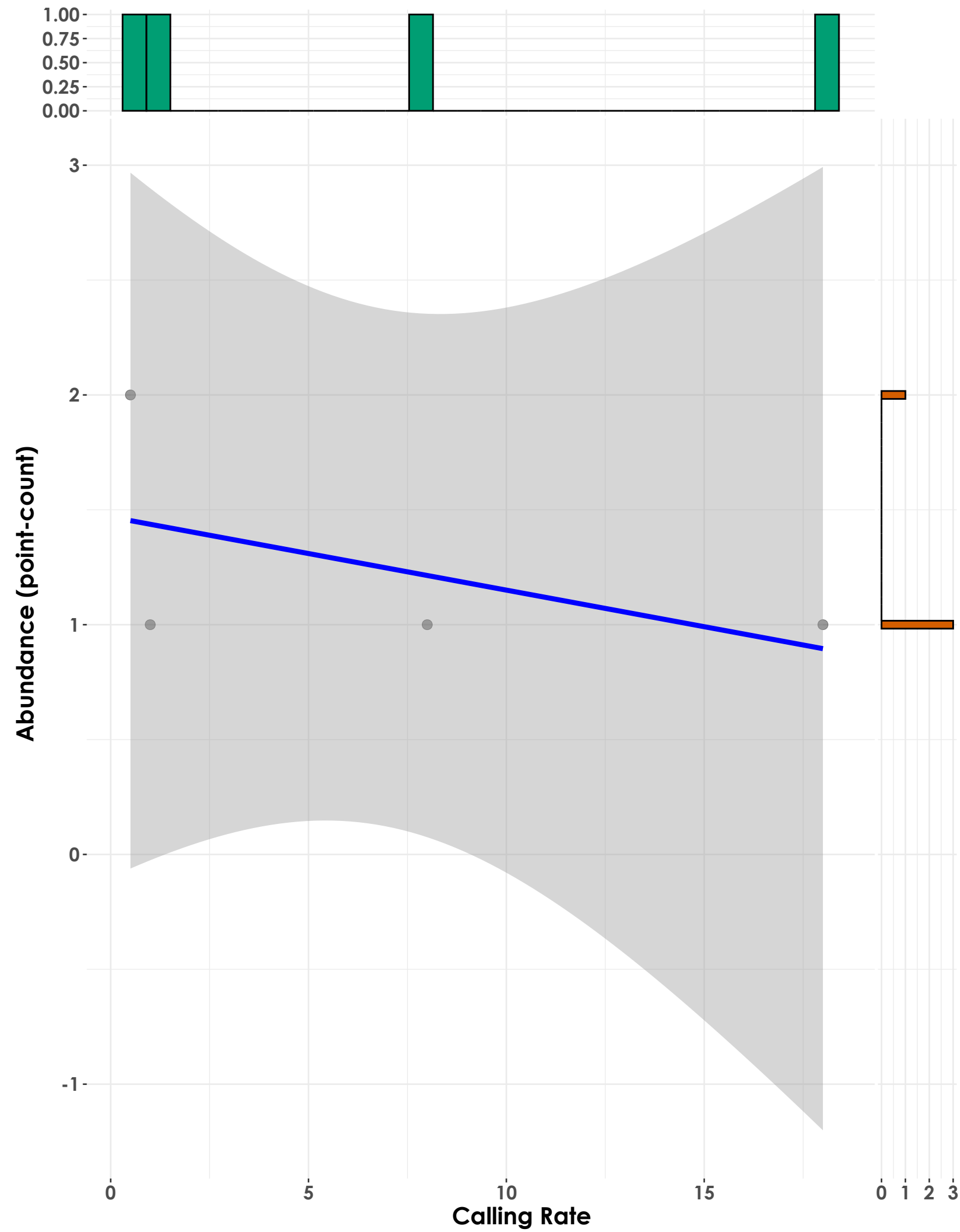## Marsh-Billings-Rockefeller NHP - 2023

$t_{\text{Student}}(1) = -1.04, p = 0.49, \hat{r}_{\text{Winsorized}} = -0.72, \text{CI}_{95\%} [\text{NA}, \text{NA}], n_{\text{pairs}} = 3$
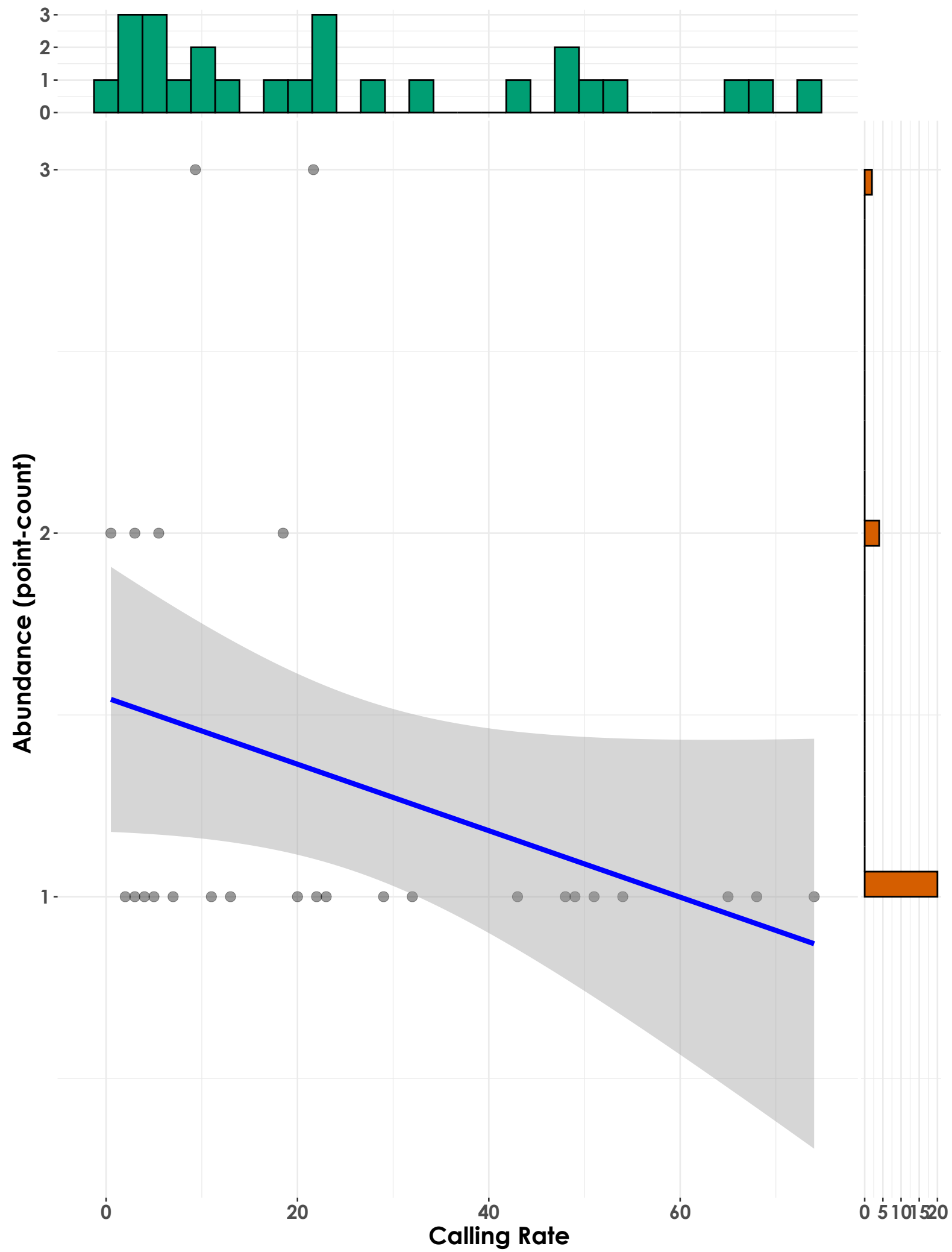
Eastern Wood-Pewee

Hubbard Brook Experimental Forest - 2022

$t_{\text{Student}}(2) = -0.86, p = 0.48, \hat{r}_{\text{Winsorized}} = -0.52, \text{CI}_{95\%} [-0.99, 0.88], n_{\text{pairs}} = 4$
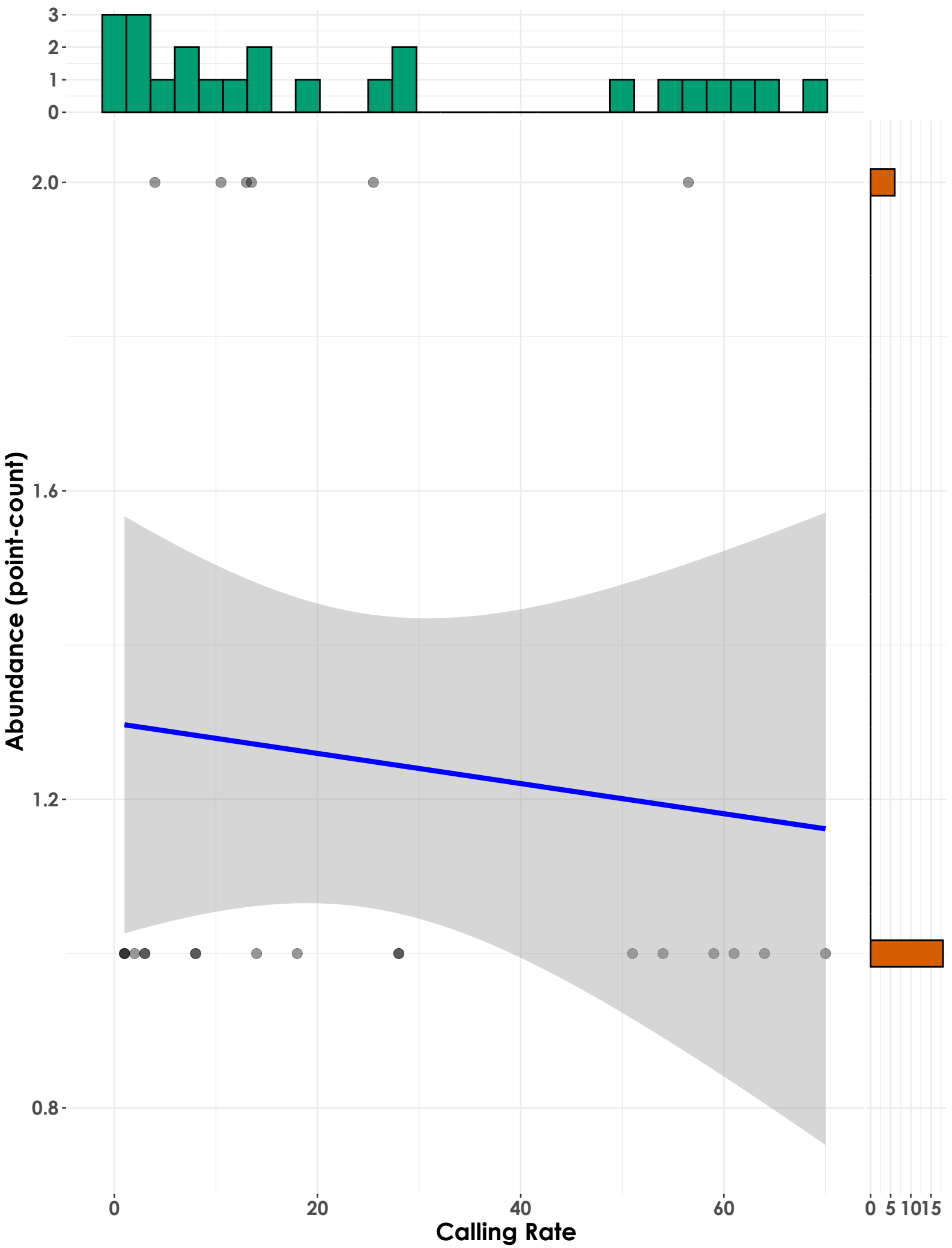
Marsh-Billings-Rockefeller NHP - 2022

$t_{\text{Student}}(24) = -2.21, p = 0.04, \hat{r}_{\text{Winsorized}} = -0.41, \text{CI}_{95\%} [-0.69, -0.03], n_{\text{pairs}} = 26$
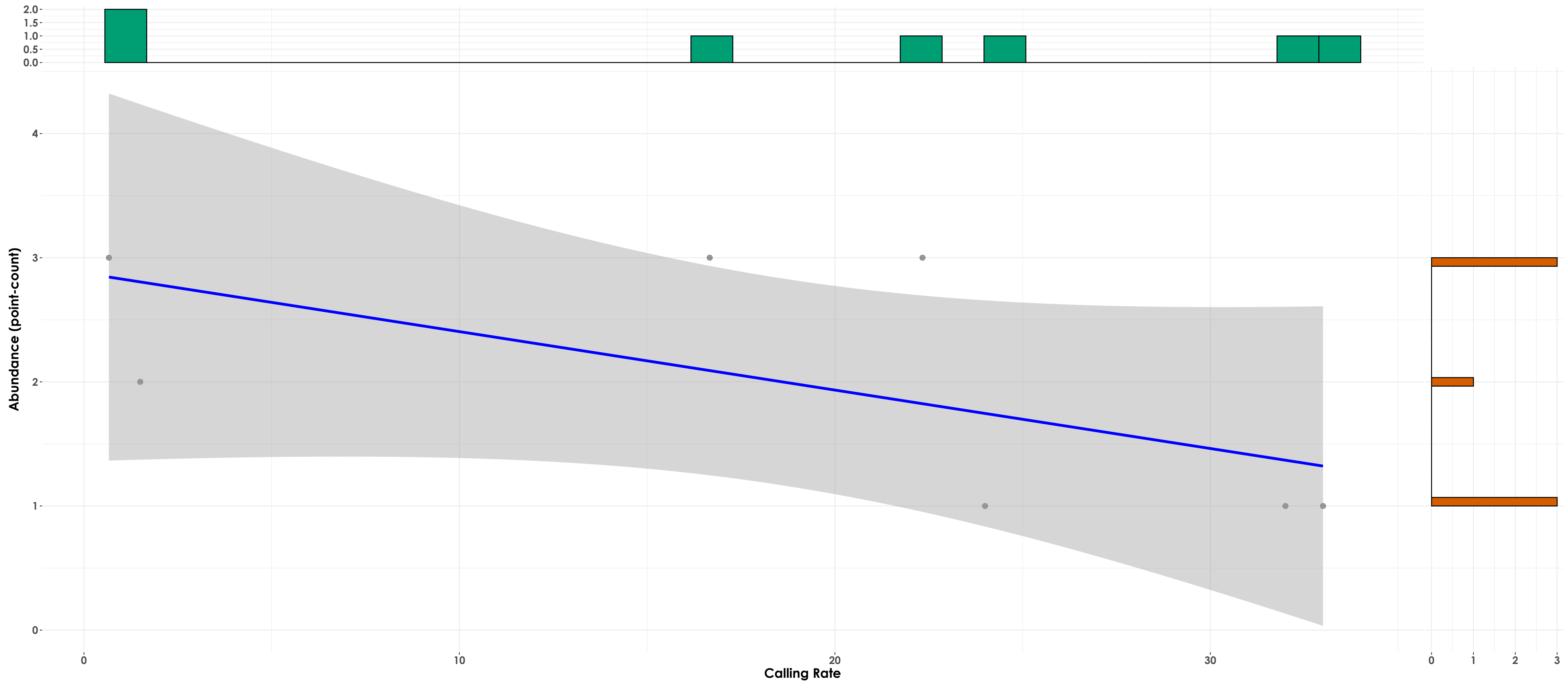
Marsh-Billings-Rockefeller NHP - 2023

$t_{\text{Student}}(22) = -0.44, p = 0.66, \hat{r}_{\text{Winsorized}} = -0.09, \text{CI}_{95\%} [-0.48, 0.32], n_{\text{pairs}} = 24$

Swainson's Thrush
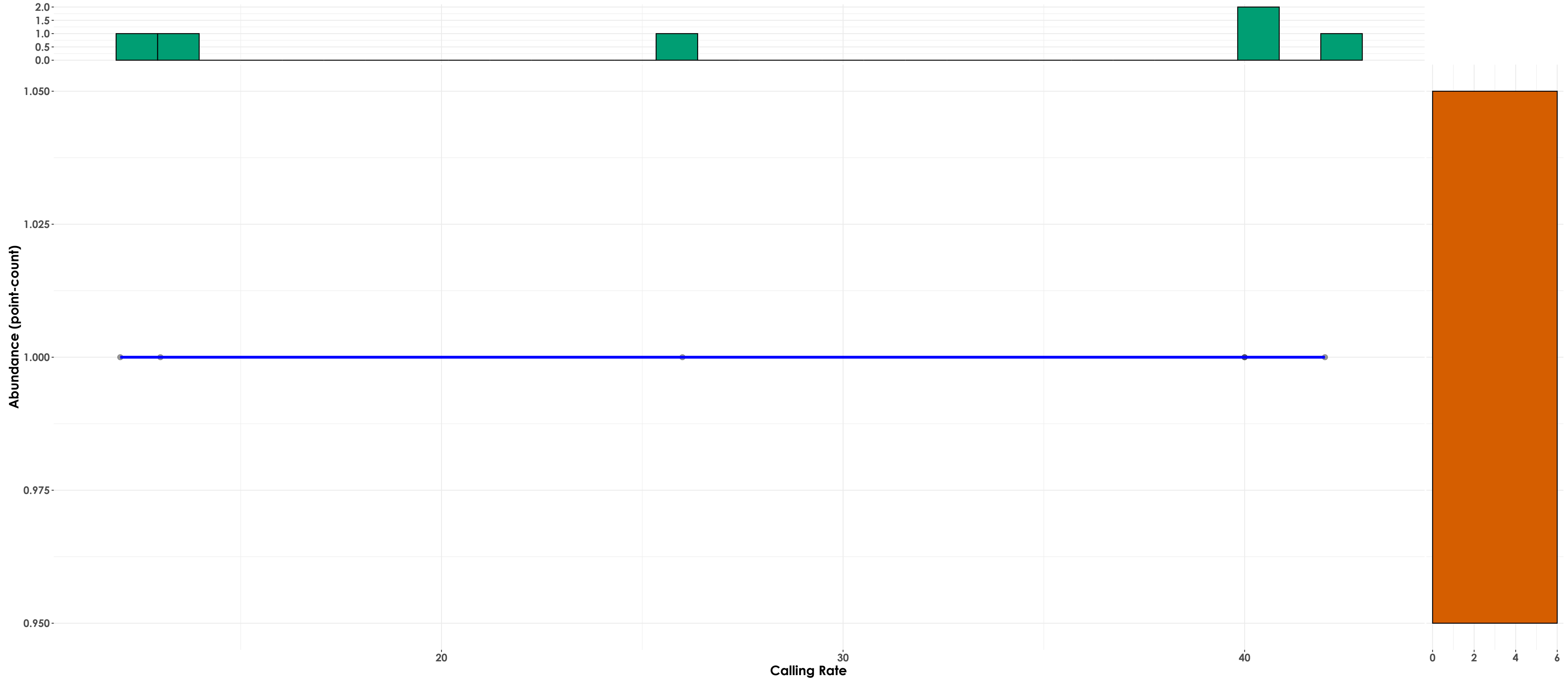
Hubbard Brook Experimental Forest - 2023

$t_{\text{Student}}(5) = -1.75, p = 0.14, \hat{r}_{\text{Winsorized}} = -0.62, \text{CI}_{95\%} [-0.94, 0.26], n_{\text{pairs}} = 7$
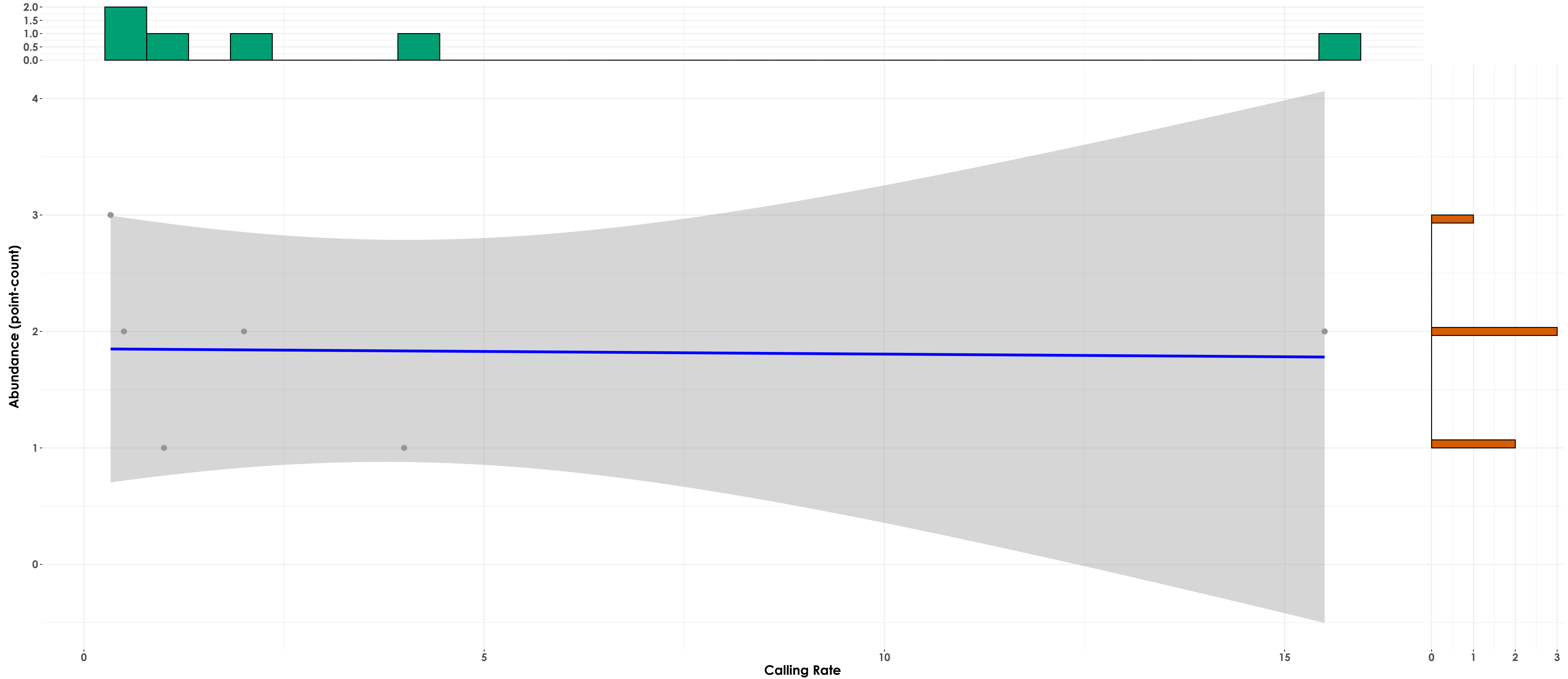
Common Yellowthroat

Kawishiwi Watershed - 2023

$t_{\text{Student}}(4) = \text{NA}, p = \text{NA}, \hat{r}_{\text{Winsorized}} = \text{NA}, \text{CI}_{95\%} [\text{NA}, \text{NA}], n_{\text{pairs}} = 6$

Abundance (point-count)

Calling Rate

White-throated Sparrow
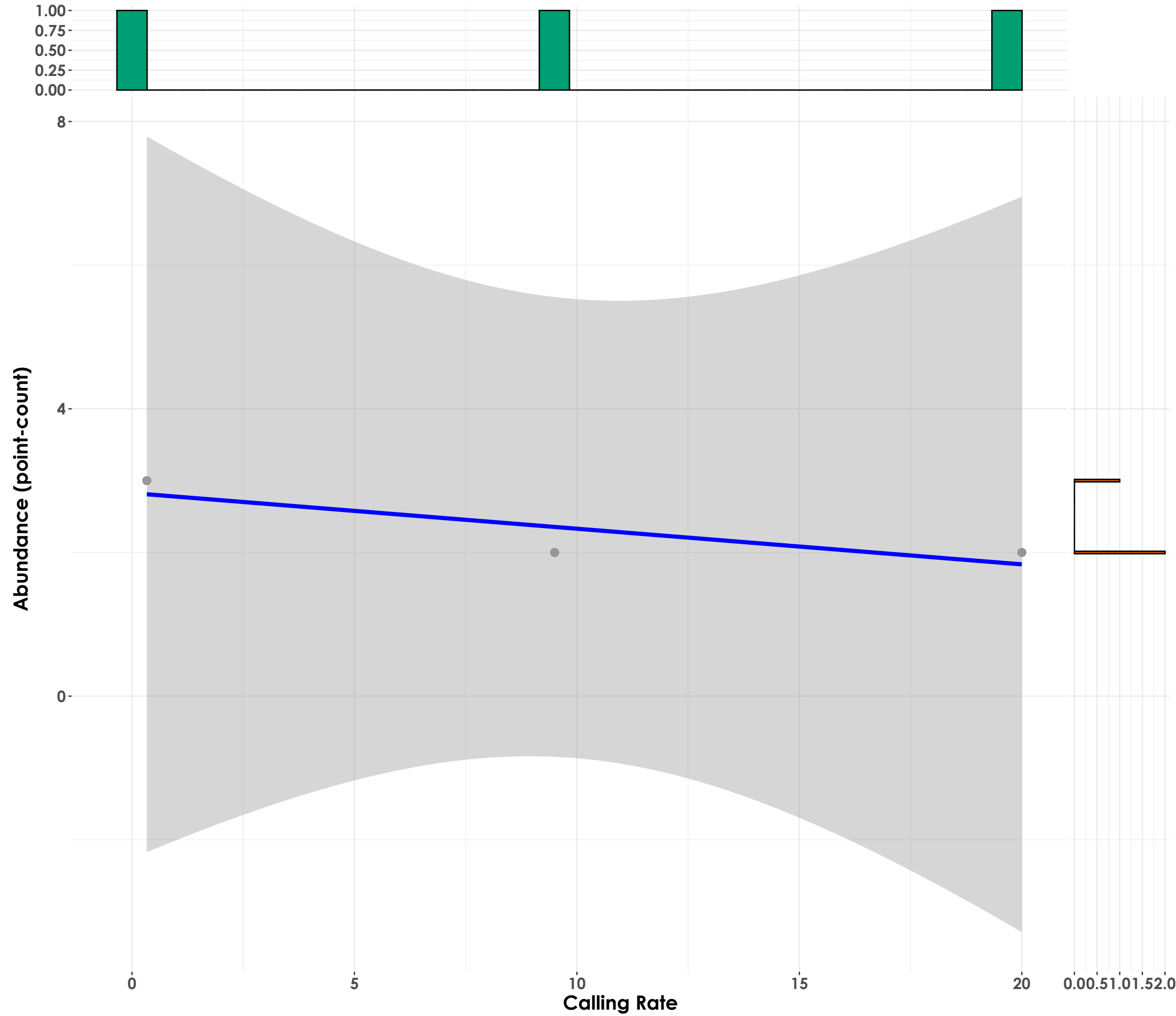
Kawishiwi Watershed - 2023

$t_{\text{Student}}(4) = -0.49$, $p = 0.65$, $\hat{r}_{\text{Winsorized}} = -0.24$, $\text{CI}_{95\%}$ [-0.88, 0.71], $n_{\text{pairs}} = 6$
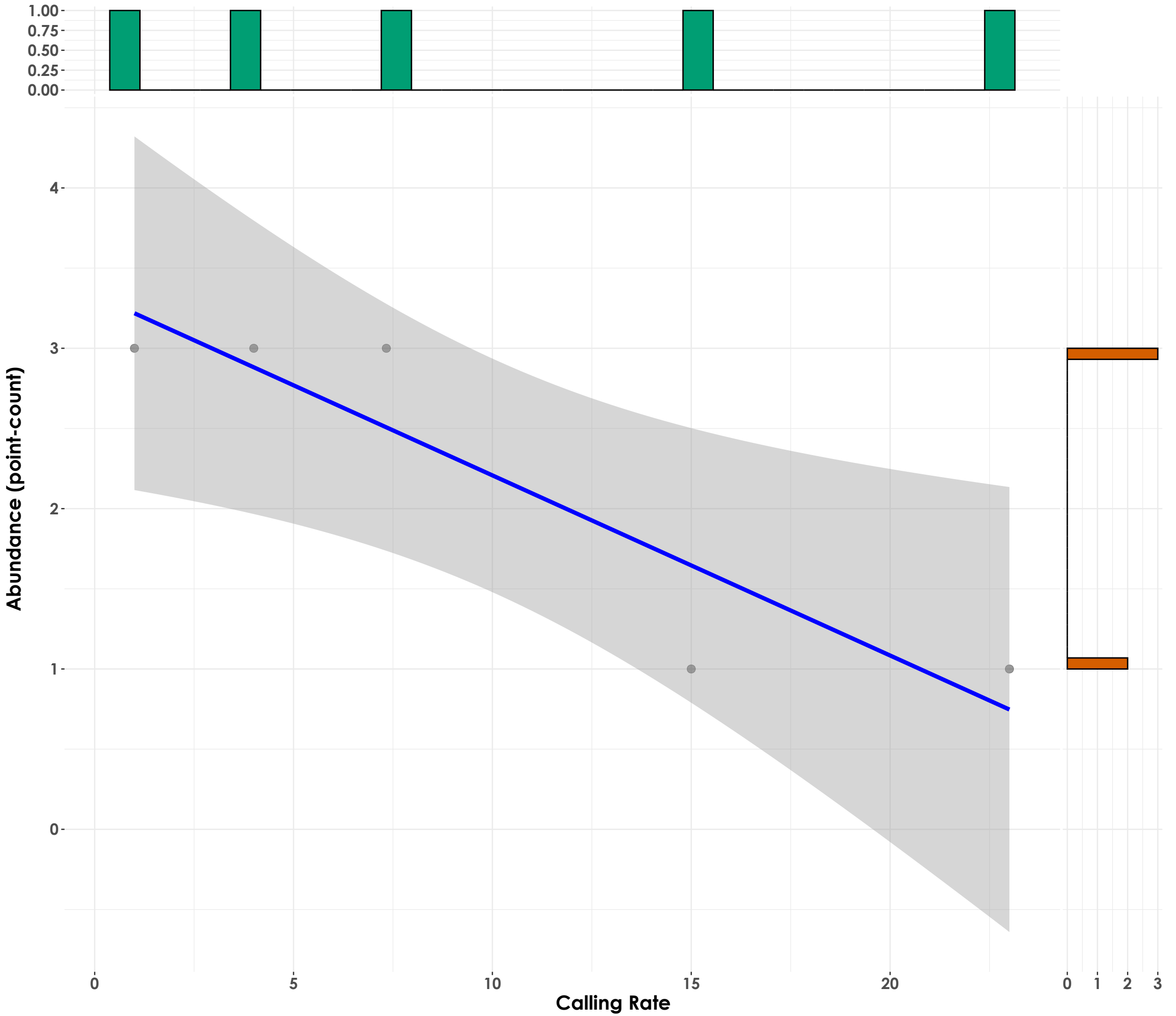
Least Flycatcher

Kawishiwi Watershed - 2022

$t_{\text{Student}}(1) = -1.59, p = 0.36, \hat{r}_{\text{Winsorized}} = -0.85, \text{CI}_{95\%} [\text{NA}, \text{NA}], n_{\text{pairs}} = 3$
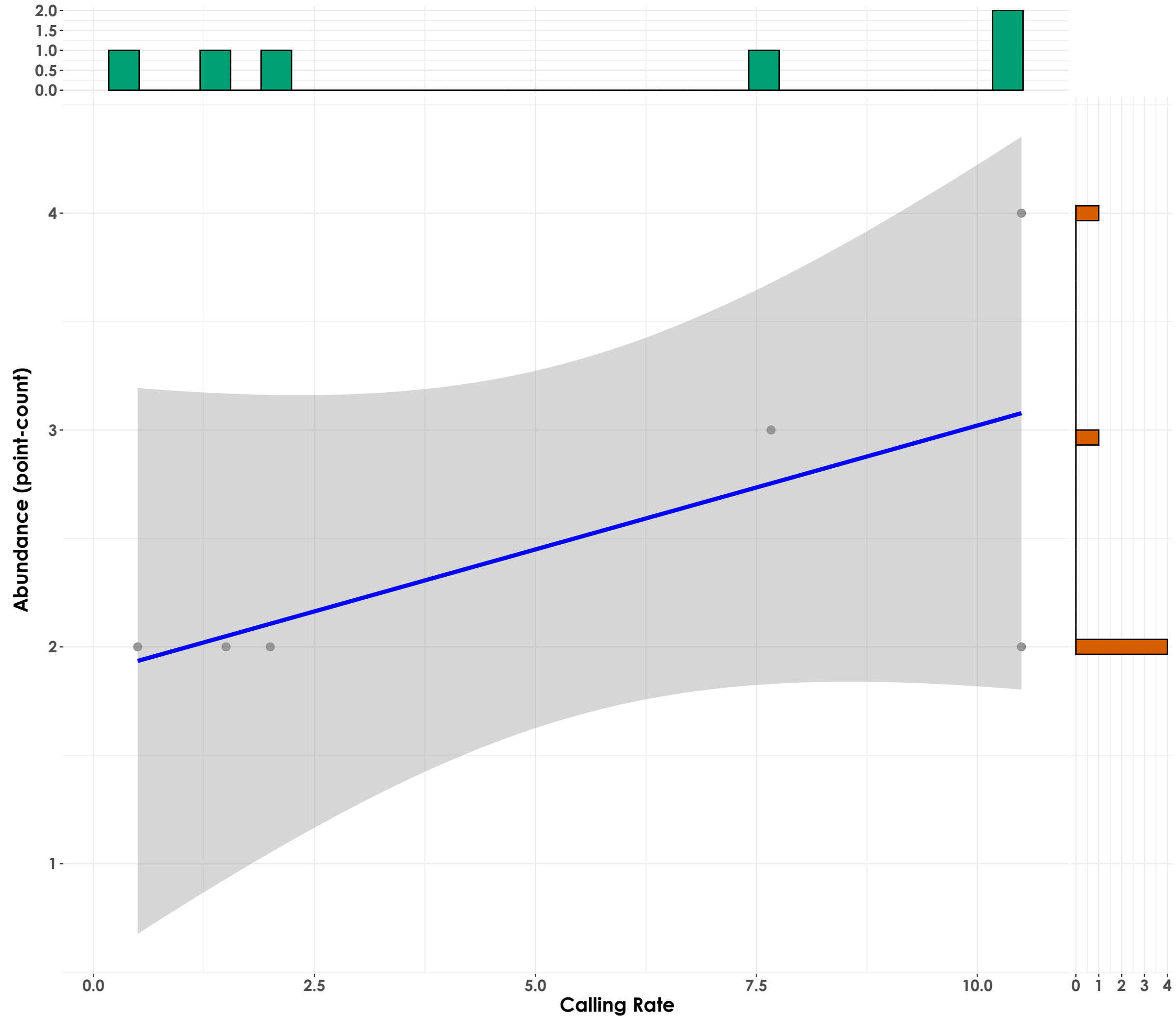
Kawishiwi Watershed - 2023

$t_{\text{Student}}(3) = -6.89, p = 6.25\text{e-}03, \hat{r}_{\text{Winsorized}} = -0.97, \text{CI}_{95\%} [-1.00, -0.61], n_{\text{pairs}} = 5$
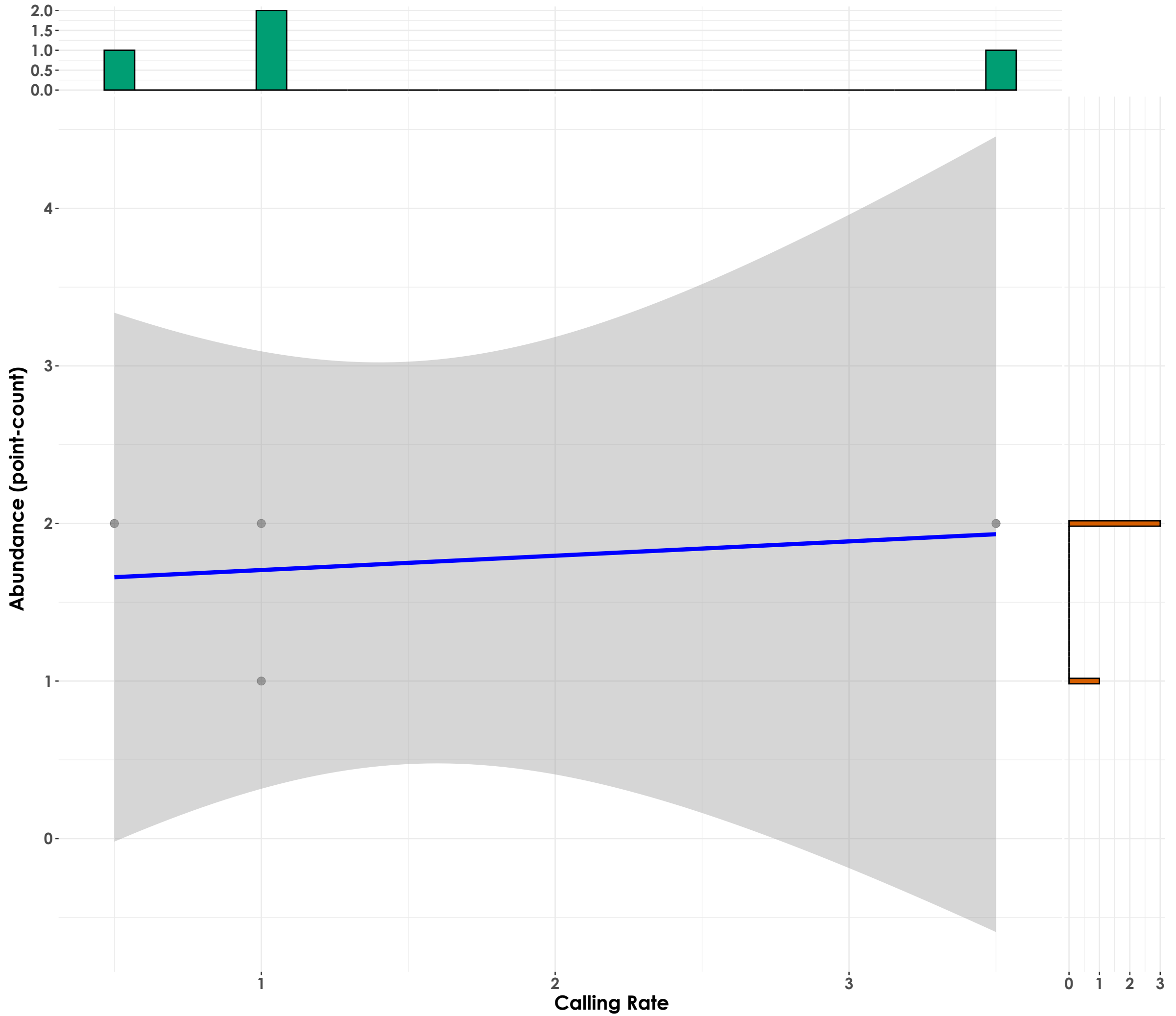
American Redstart

Kawishiwi Watershed - 2022

$t_{\text{Student}}(4) = 1.52, p = 0.20, \hat{r}_{\text{Winsorized}} = 0.60, \text{CI}_{95\%} [-0.41, 0.95], n_{\text{pairs}} = 6$
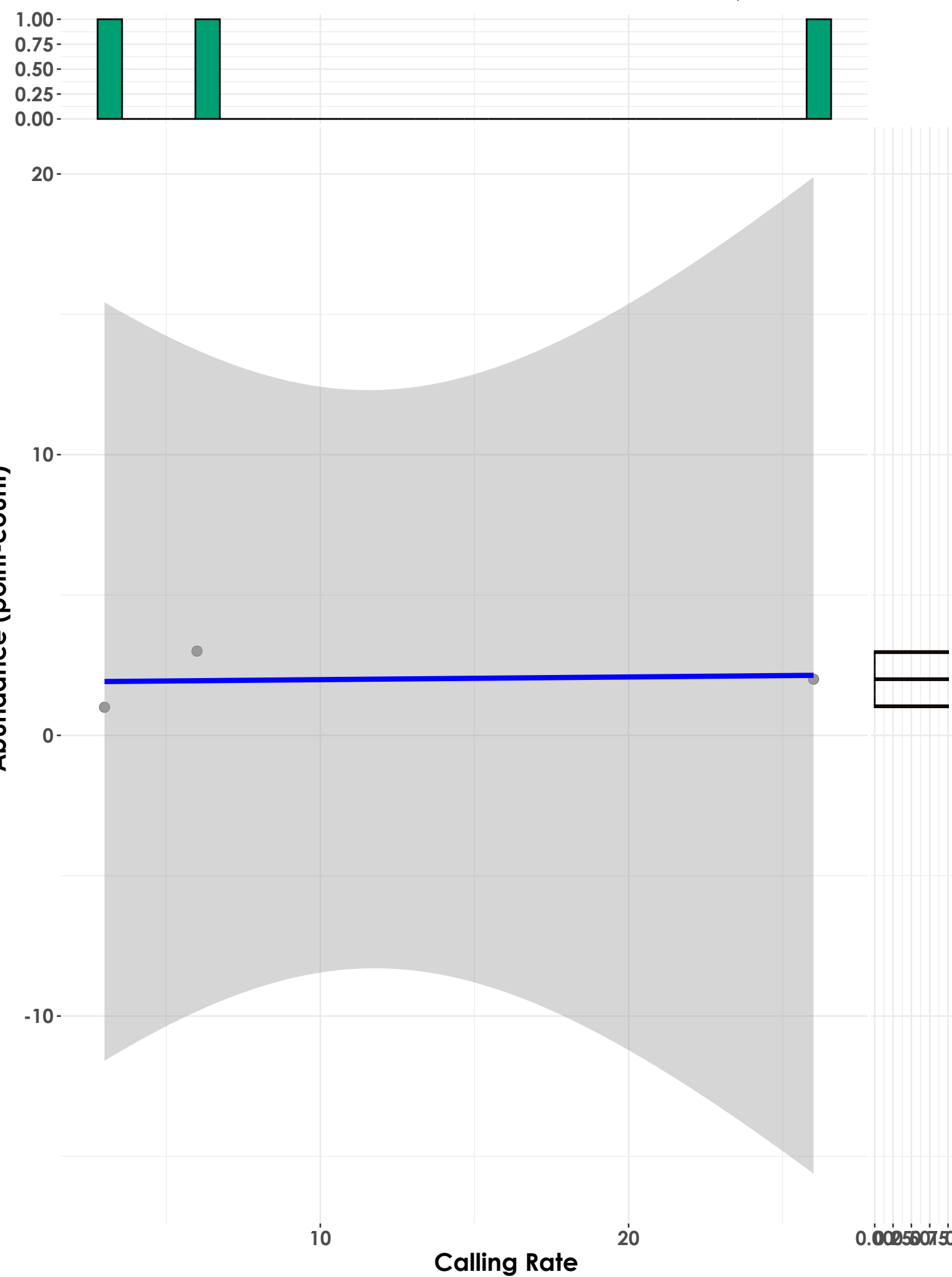
Kawishiwi Watershed - 2023

$t_{\text{Student}}(2) = 0.36, p = 0.75, \hat{r}_{\text{Winsorized}} = 0.25, \text{CI}_{95\%} [-0.94, 0.98], n_{\text{pairs}} = 4$
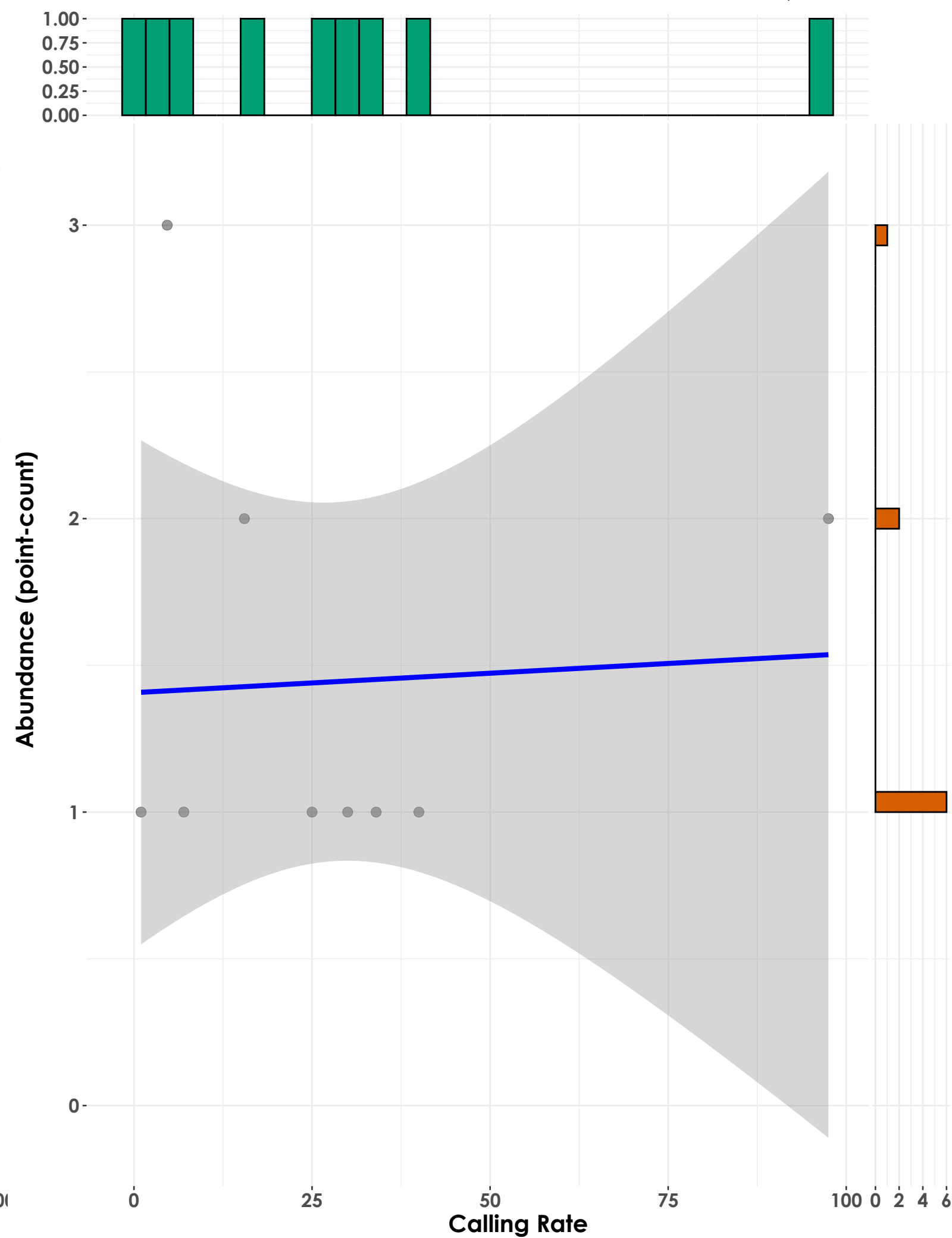
Chestnut-sided Warbler

Kawishiwi Watershed - 2023
$t_{\text{Student}}(1) = 0.12$, $p = 0.92$, $\hat{r}_{\text{Winsorized}} = 0.12$, $\text{CI}_{95\%}$ [NA, NA], $n_{\text{pairs}} = 3$
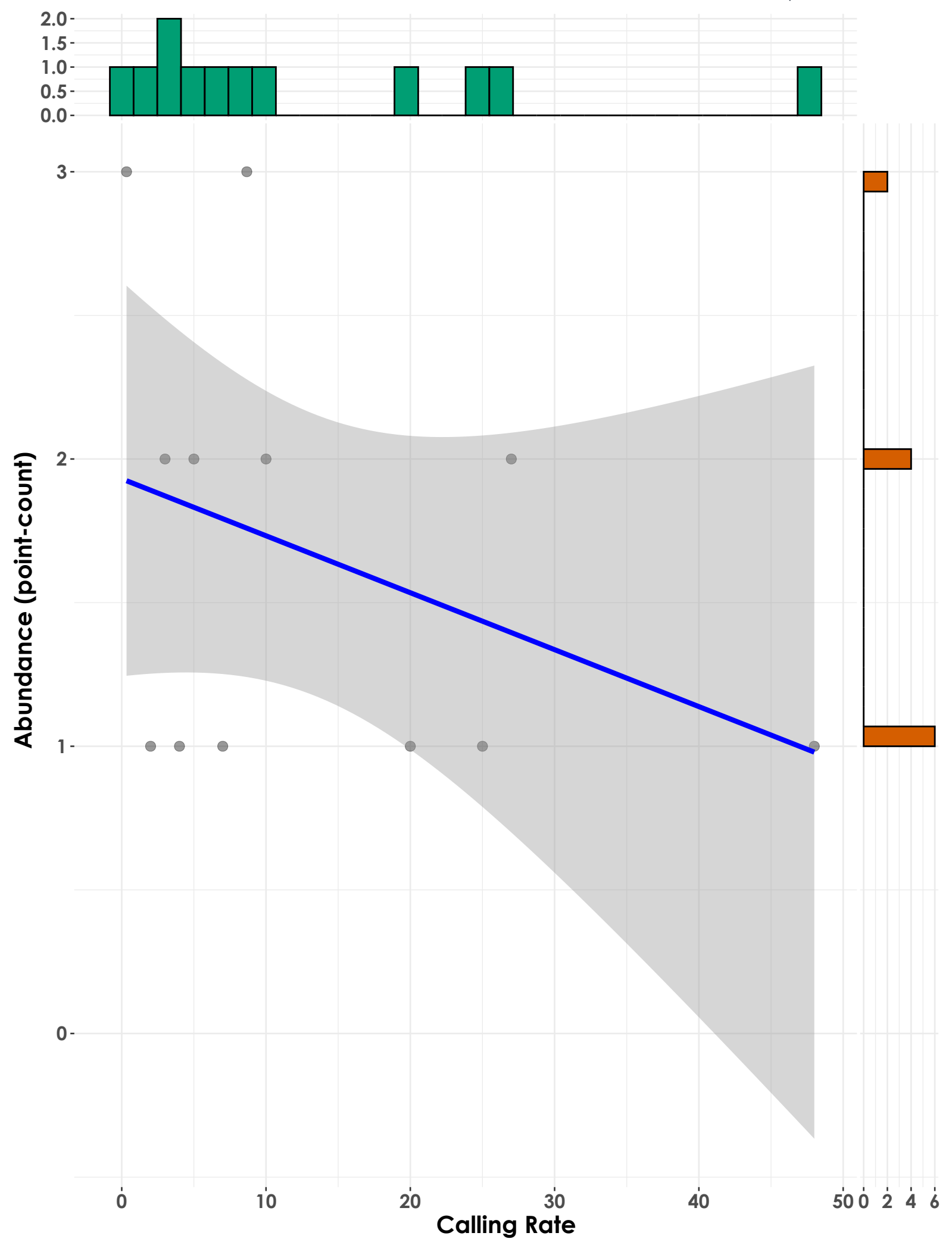
Marsh-Billings-Rockefeller NHP - 2022
$t_{\text{Student}}(7) = -0.31$, $p = 0.77$, $\hat{r}_{\text{Winsorized}} = -0.12$, $\text{CI}_{95\%}$ [-0.72, 0.59], $n_{\text{pairs}} = 9$
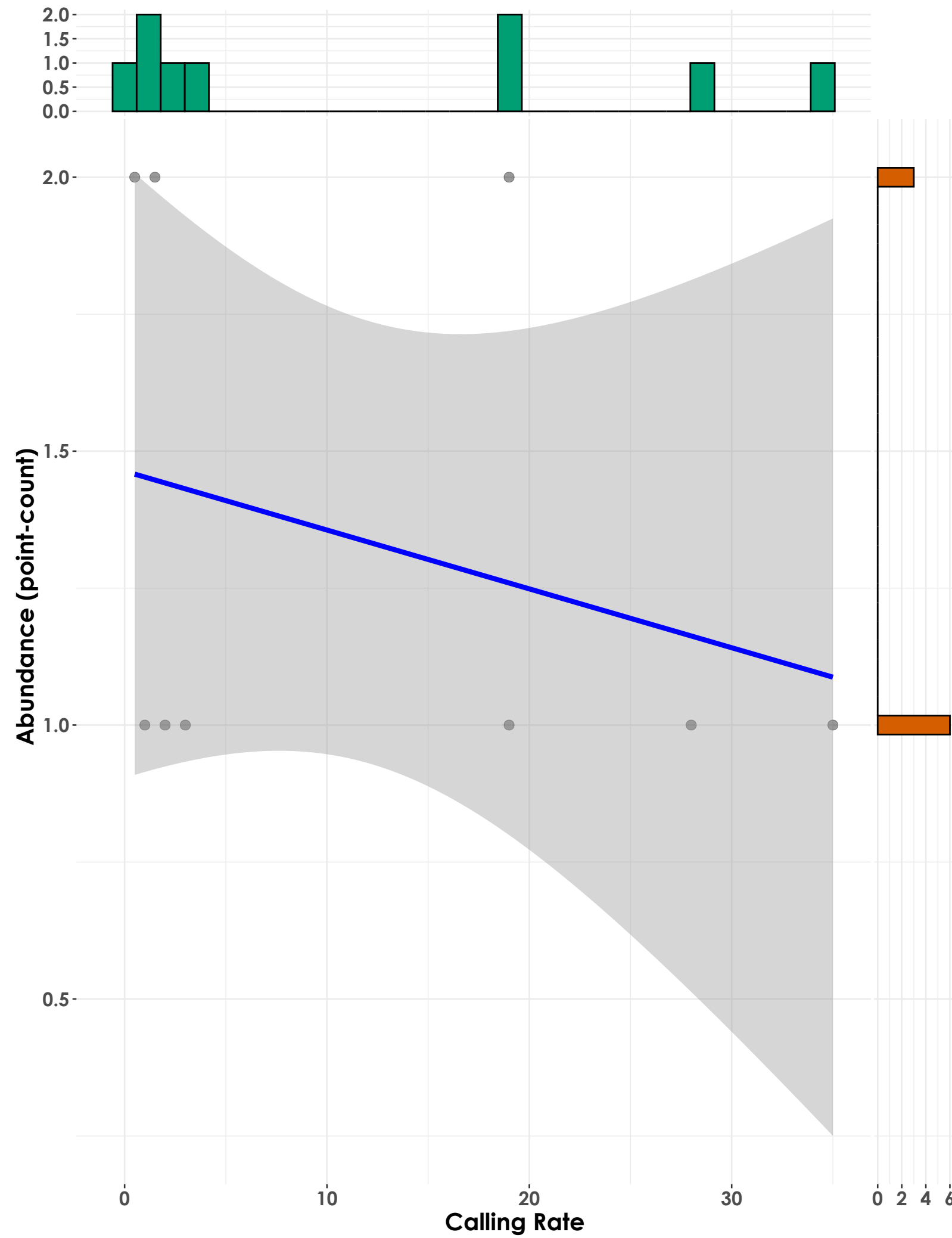
Marsh-Billings-Rockefeller NHP - 2023
$t_{\text{Student}}(10) = -0.90$, $p = 0.39$, $\hat{r}_{\text{Winsorized}} = -0.27$, $\text{CI}_{95\%}$ [-0.73, 0.36], $n_{\text{pairs}} = 12$
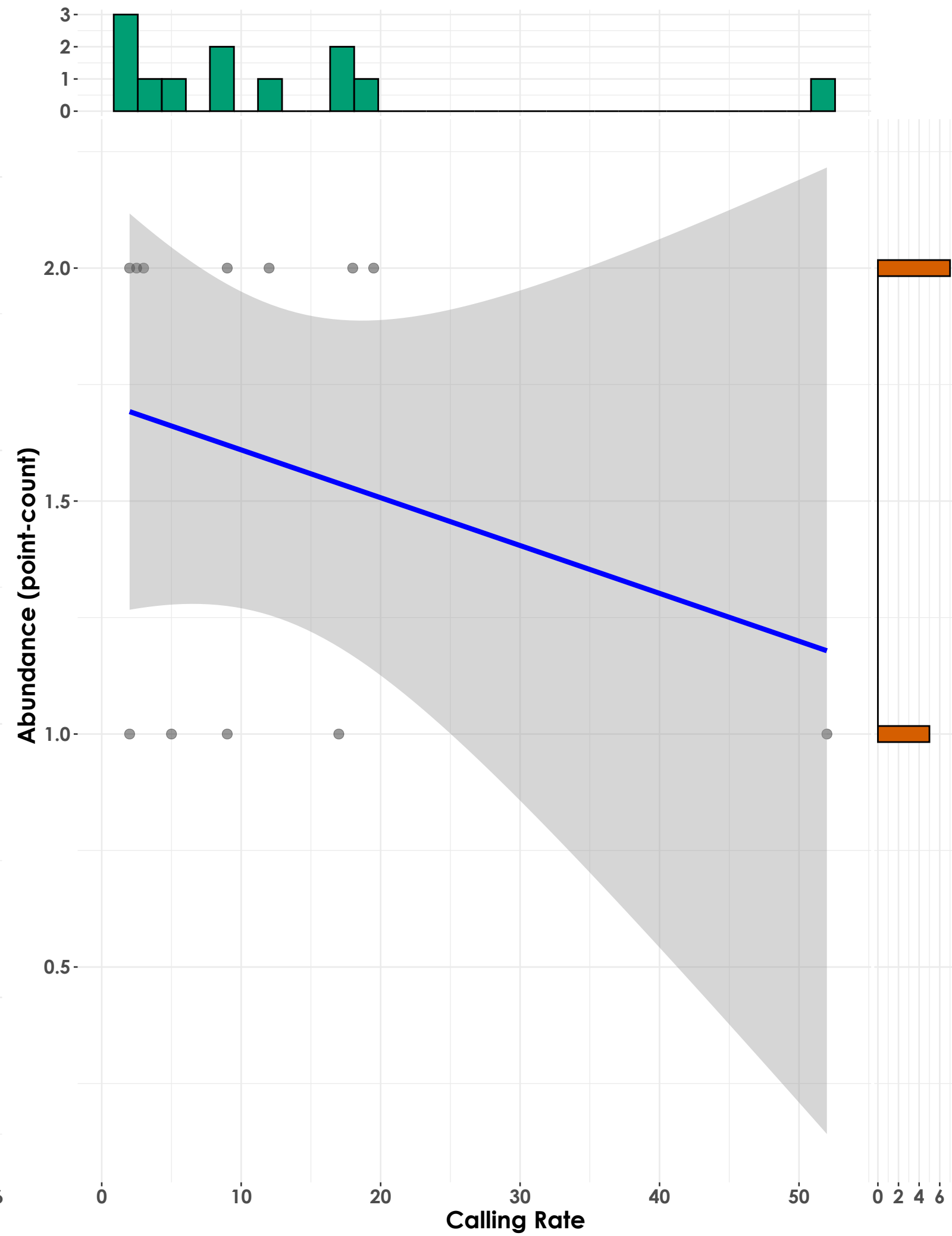
Pine Warbler

Kawishiwi Watershed - 2023
$t_{\text{Student}}(7) = -0.73$, $p = 0.49$, $\hat{r}_{\text{Winsorized}} = -0.27$, $\text{CI}_{95\%}$ [-0.79, 0.48], $n_{\text{pairs}} = 9$
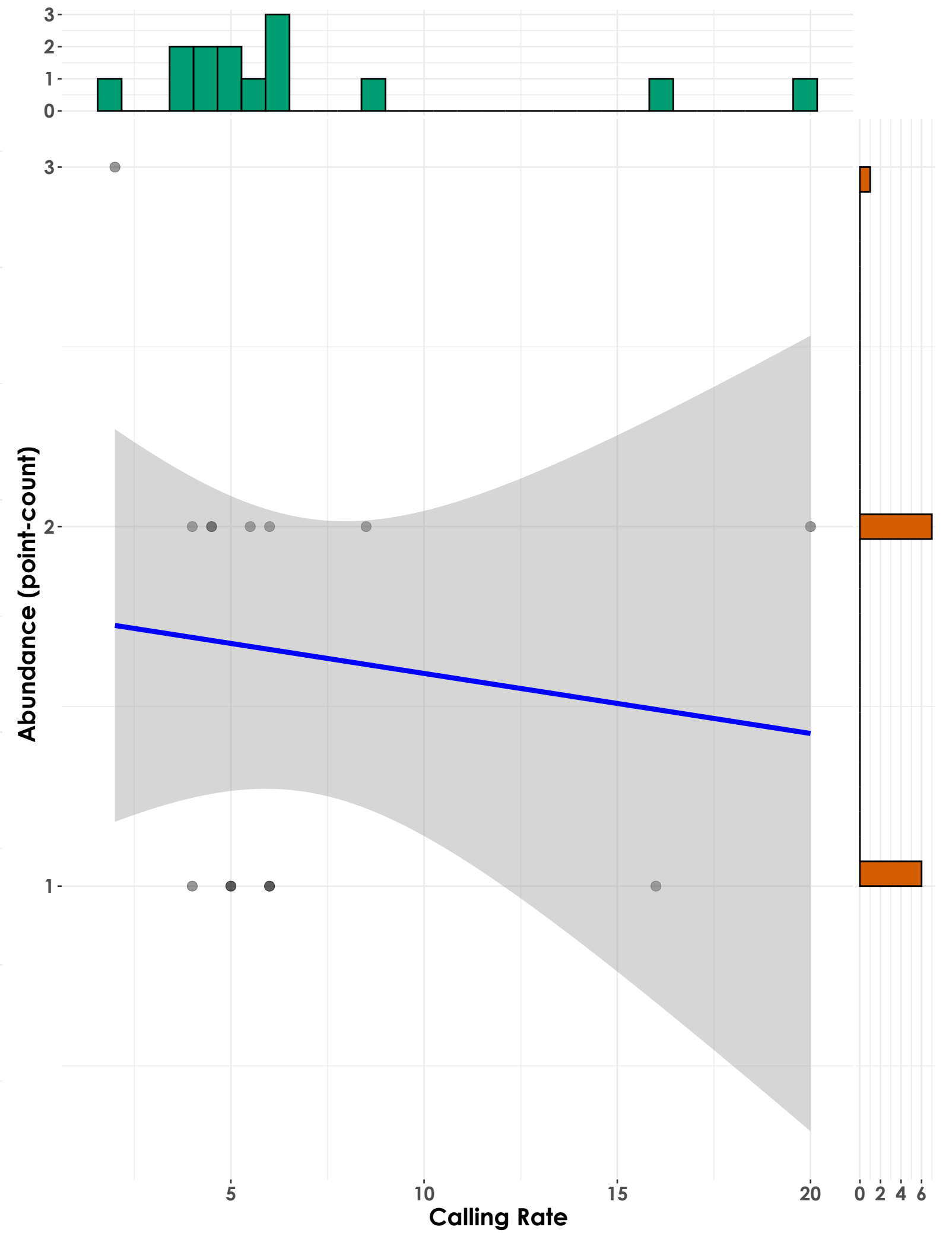
Marsh-Billings-Rockefeller NHP - 2022
$t_{\text{Student}}(10) = -0.25$, $p = 0.81$, $\hat{r}_{\text{Winsorized}} = -0.08$, $\text{CI}_{95\%}$ [-0.62, 0.52], $n_{\text{pairs}} = 12$
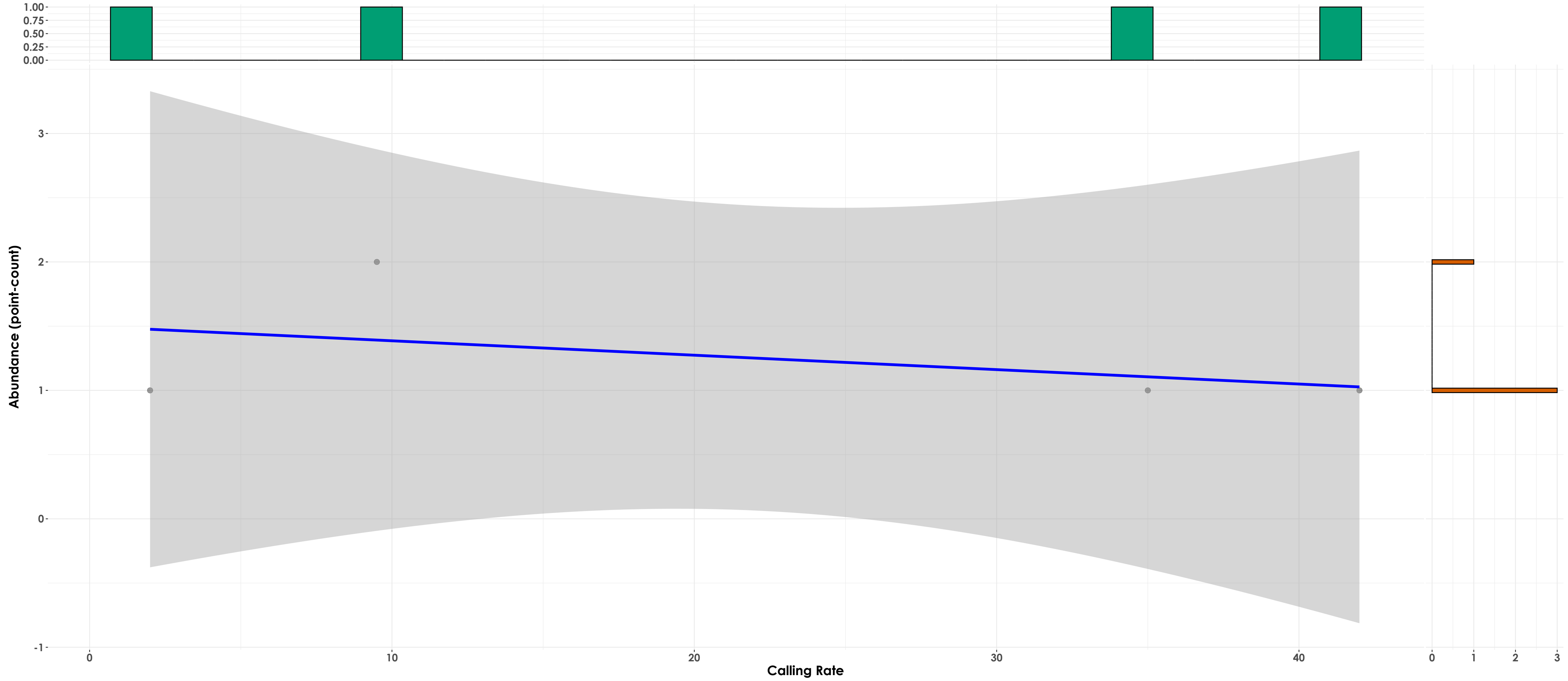
Marsh-Billings-Rockefeller NHP - 2023
$t_{\text{Student}}(12) = -0.07$, $p = 0.95$, $\hat{r}_{\text{Winsorized}} = -0.02$, $\text{CI}_{95\%}$ [-0.54, 0.52], $n_{\text{pairs}} = 14$
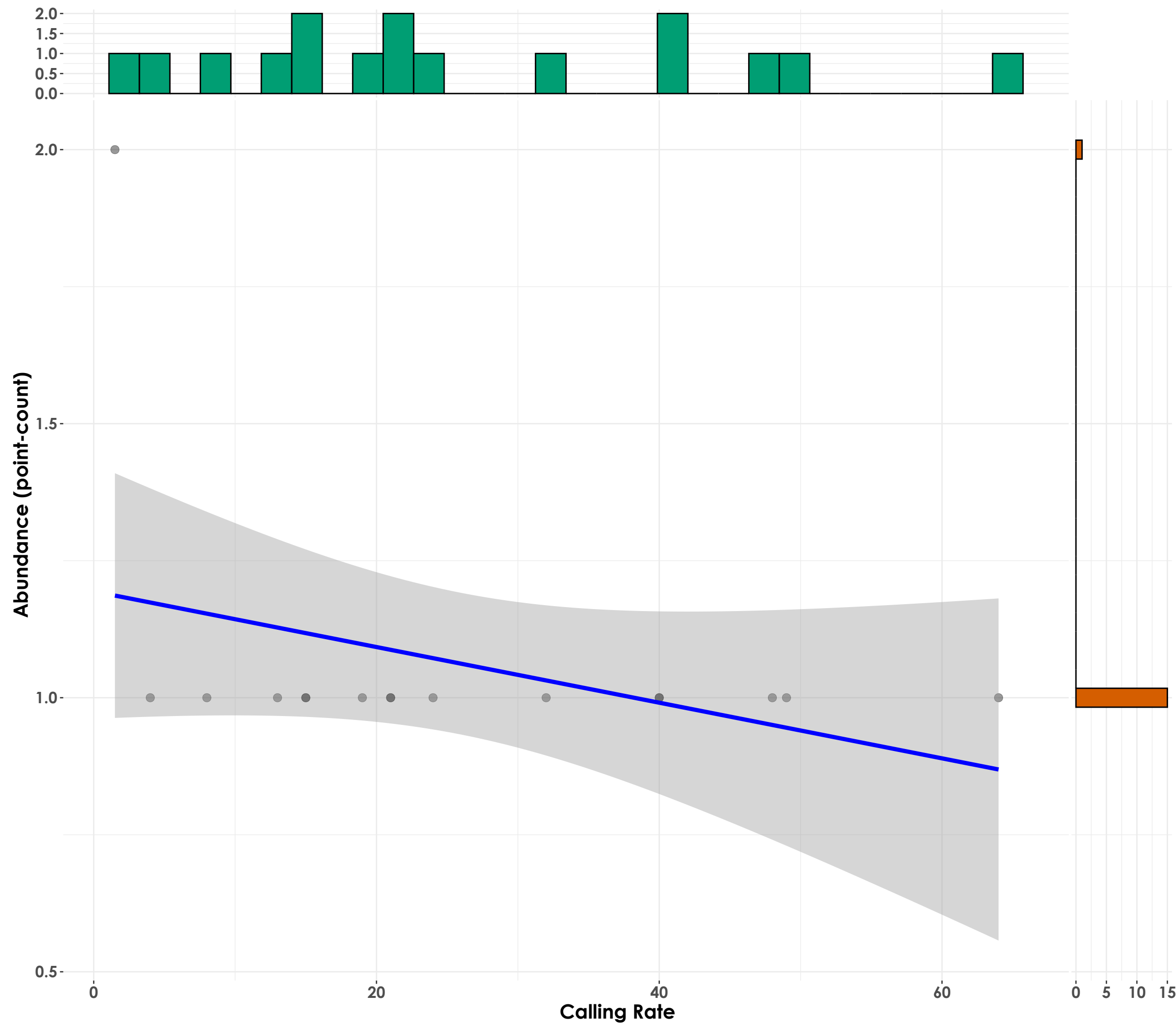
Nashville Warbler

Kawishiwi Watershed - 2023

$t_{\text{Student}}(2) = -0.68, p = 0.57, \hat{r}_{\text{Winsorized}} = -0.43, \text{CI}_{95\%} [-0.98, 0.90], n_{\text{pairs}} = 4$

Scarlet Tanager

Marsh-Billings-Rockefeller NHP - 2022

$t_{\text{Student}}(14) = \text{NA}, p = \text{NA}, \hat{r}_{\text{Winsorized}} = \text{NA}, \text{CI}_{95\%}[\text{NA, NA}], n_{\text{pairs}} = 16$

Marsh-Billings-Rockefeller NHP - 2023

$t_{\text{Student}}(5) = -1.59, p = 0.17, \hat{r}_{\text{Winsorized}} = -0.58, \text{CI}_{95\%}[-0.93, 0.31], n_{\text{pairs}} = 7$
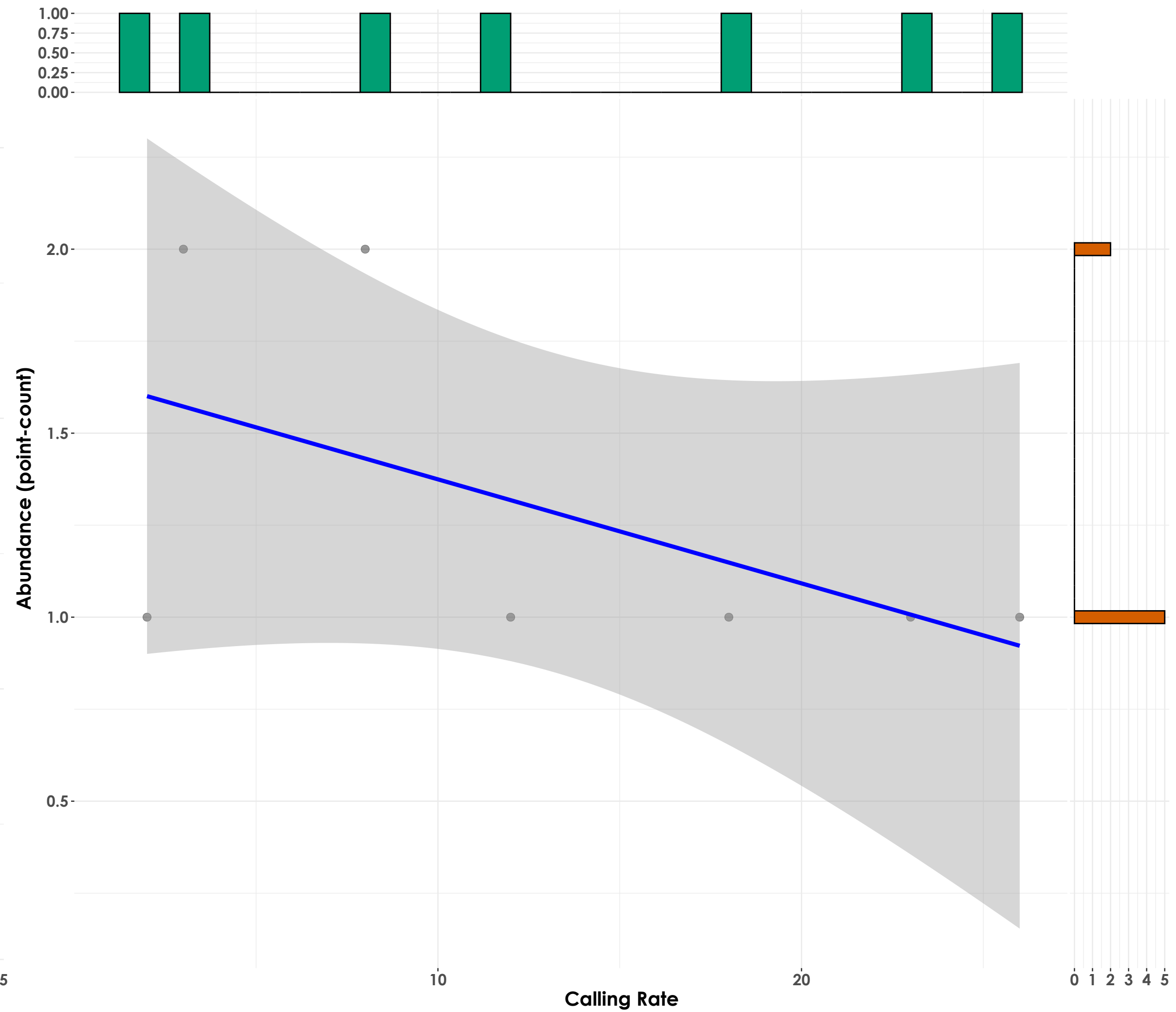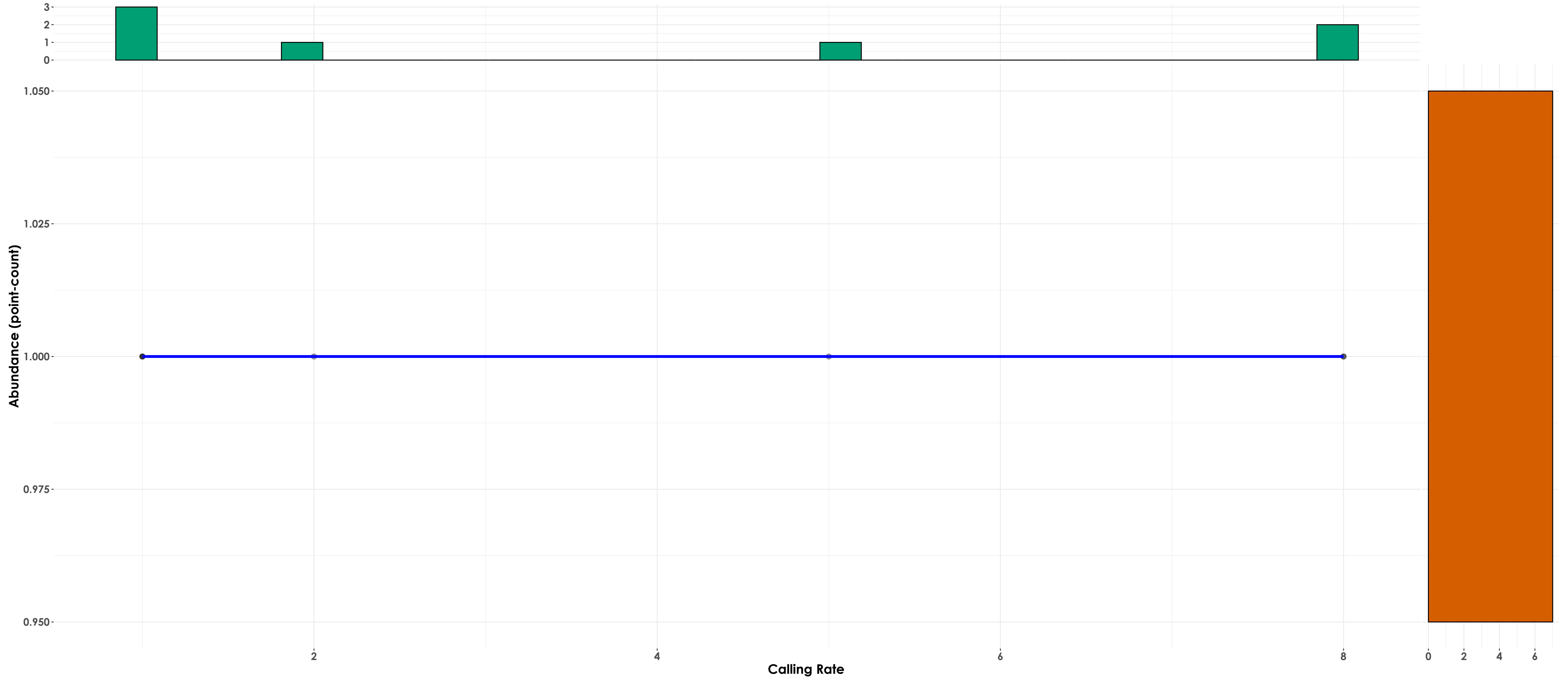
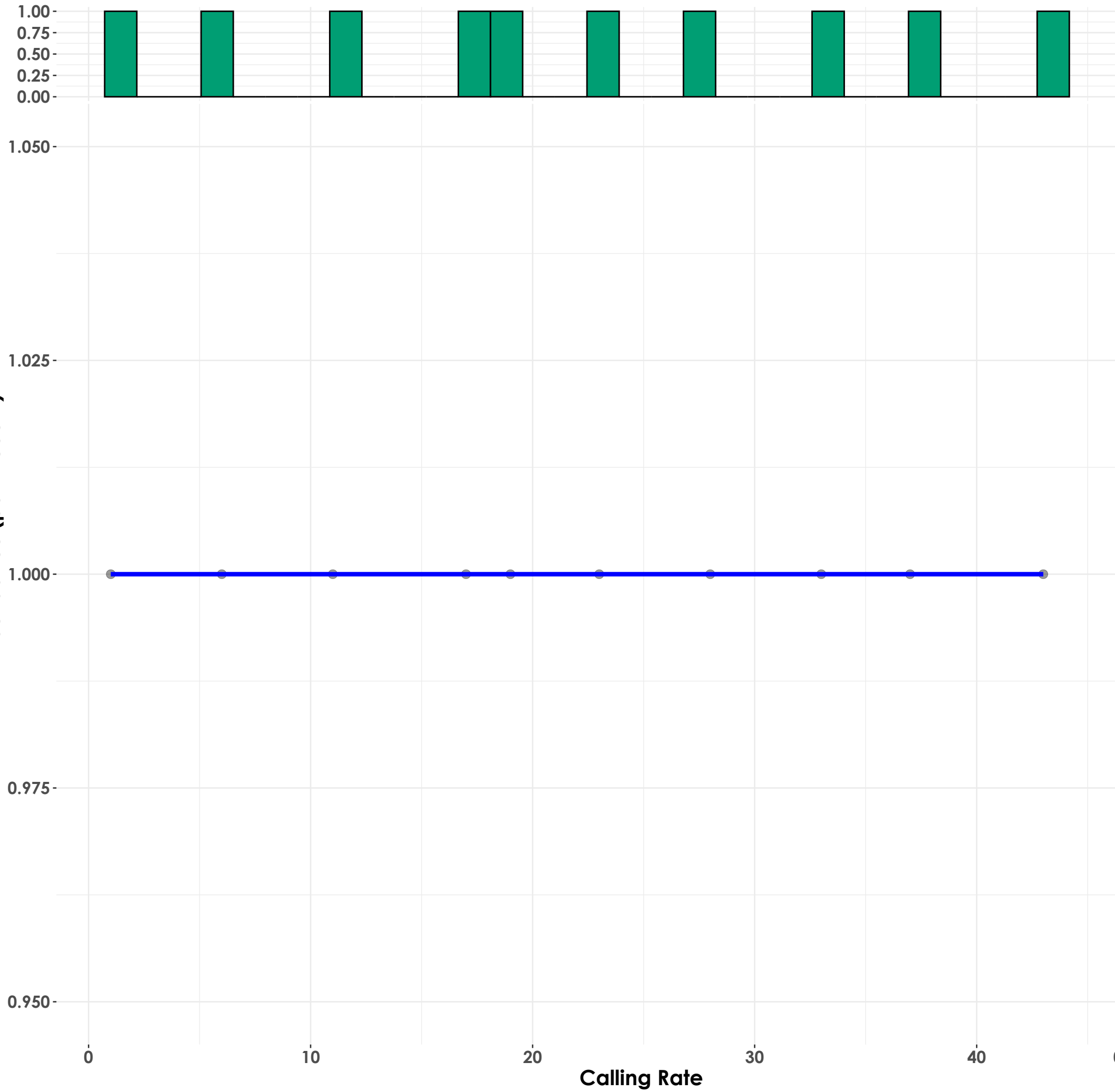# Pileated Woodpecker

Marsh-Billings-Rockefeller NHP - 2023

$t_{\text{Student}}(5) = \text{NA}, p = \text{NA}, \hat{r}_{\text{Winsorized}} = \text{NA}, \text{CI}_{95\%} [\text{NA}, \text{NA}], n_{\text{pairs}} = 7$

Abundance (point-count)

Calling Rate

Wood Thrush

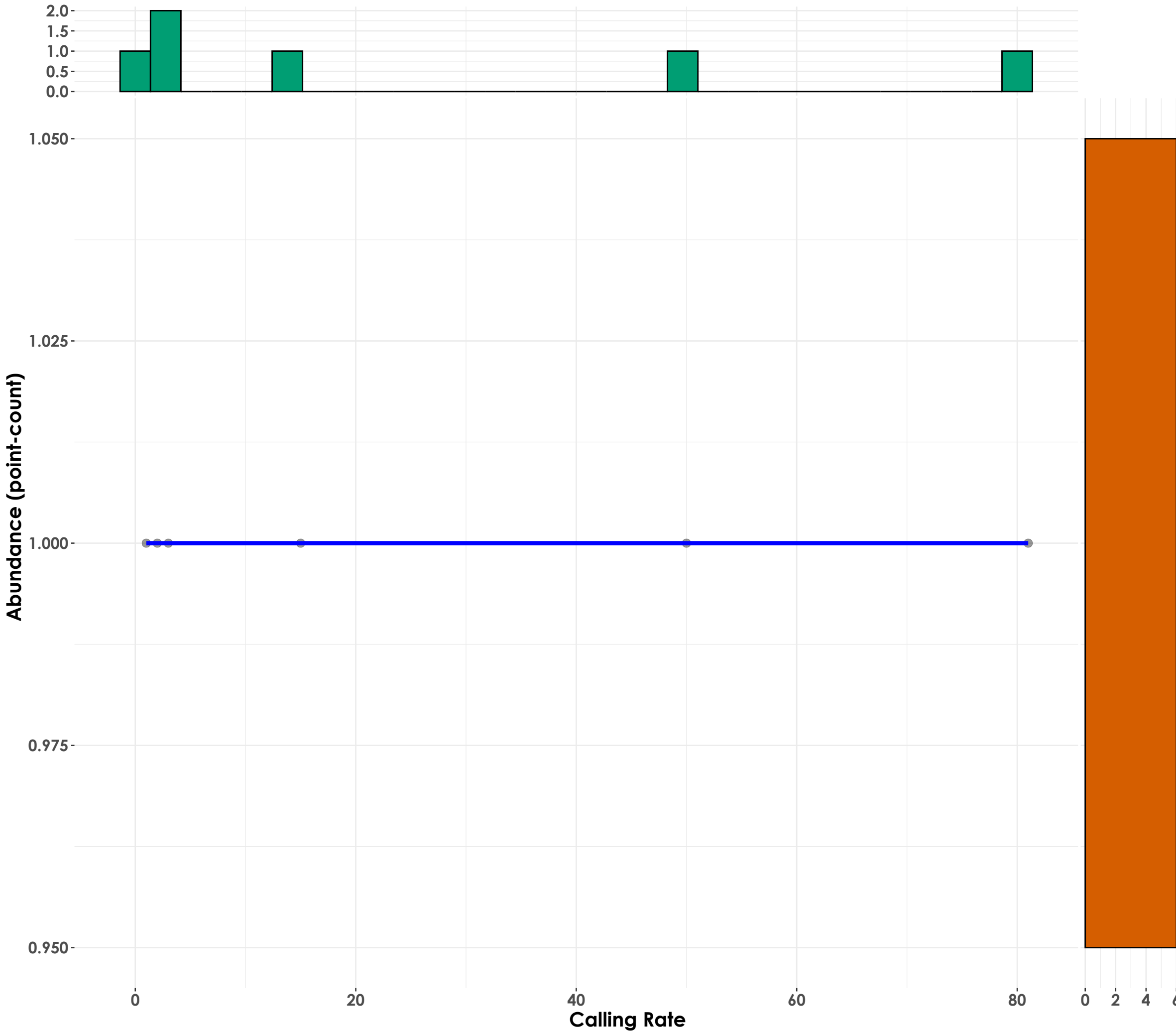**Marsh-Billings-Rockefeller NHP - 2022**

$t_{\text{Student}}(8) = \text{NA}, p = \text{NA}, \hat{r}_{\text{Winsorized}} = \text{NA}, \text{CI}_{95\%} [\text{NA}, \text{NA}], n_{\text{pairs}} = 10$
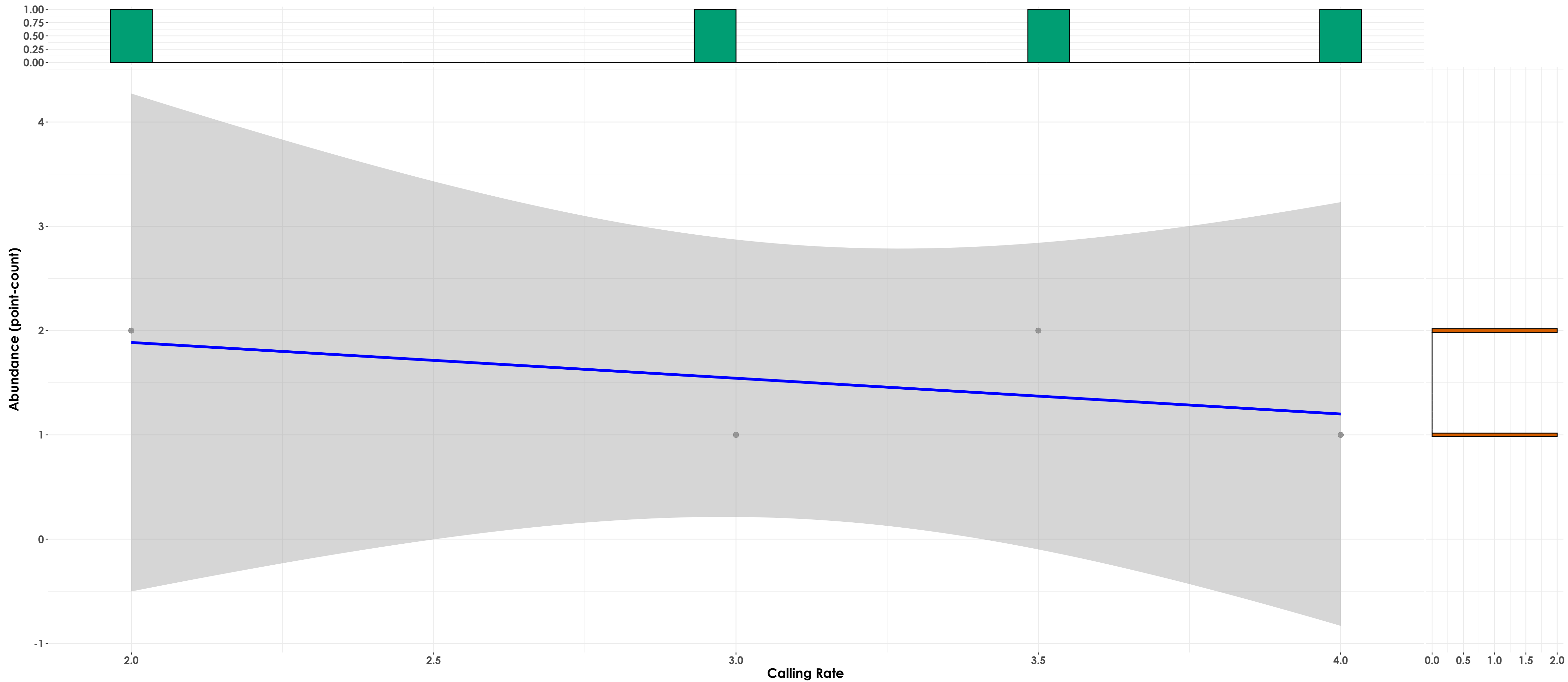
Marsh-Billings-Rockefeller NHP - 2023

$t_{\text{Student}}(4) = \text{NA}, p = \text{NA}, \hat{r}_{\text{Winsorized}} = \text{NA}, \text{CI}_{95\%} [\text{NA}, \text{NA}], n_{\text{pairs}} = 6$

White-breasted Nuthatch
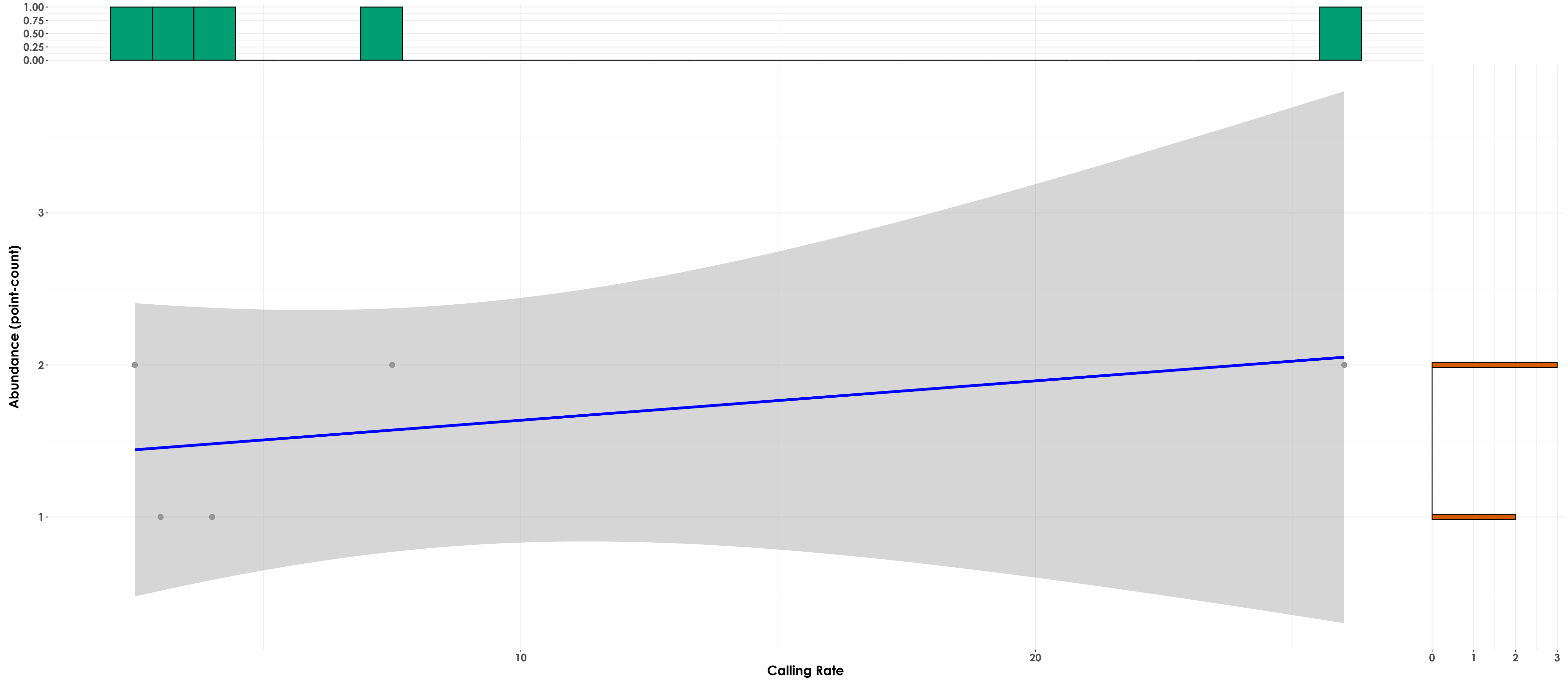
Marsh-Billings-Rockefeller NHP - 2023

$t_{\text{Student}}(2) = -0.83, p = 0.49, \hat{r}_{\text{Winsorized}} = -0.51, \text{CI}_{95\%} [-0.99, 0.89], n_{\text{pairs}} = 4$

Indigo Bunting

Marsh-Billings-Rockefeller NHP - 2022

$t_{\text{Student}}(3) = 1.27, p = 0.29, \hat{r}_{\text{Winsorized}} = 0.59, \text{CI}_{95\%} [-0.61, 0.97], n_{\text{pairs}} = 5$

Veery

Marsh-Billings-Rockefeller NHP - 2023

$t_{\text{Student}}(3) = \text{NA}, p = \text{NA}, \hat{r}_{\text{Winsorized}} = \text{NA}, \text{CI}_{95\%} [\text{NA, NA}], n_{\text{pairs}} = 5$