

# Diversity Measures PT SMM 2015 - 2020

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Load packages

## A. Species Richness PT SMM 2015 - 2020

```
data <- read.xlsx(  
  "C:/Users/rbbutar/Documents/R/Konservasi_ANJ/indeks_kehati/SMM/indeks_kehati_SMM_edited.xlsx",  
  sheet = "grafik_richness")  
kable(data, format = "pipe", caption = "Species Richness index 2015-2020")
```

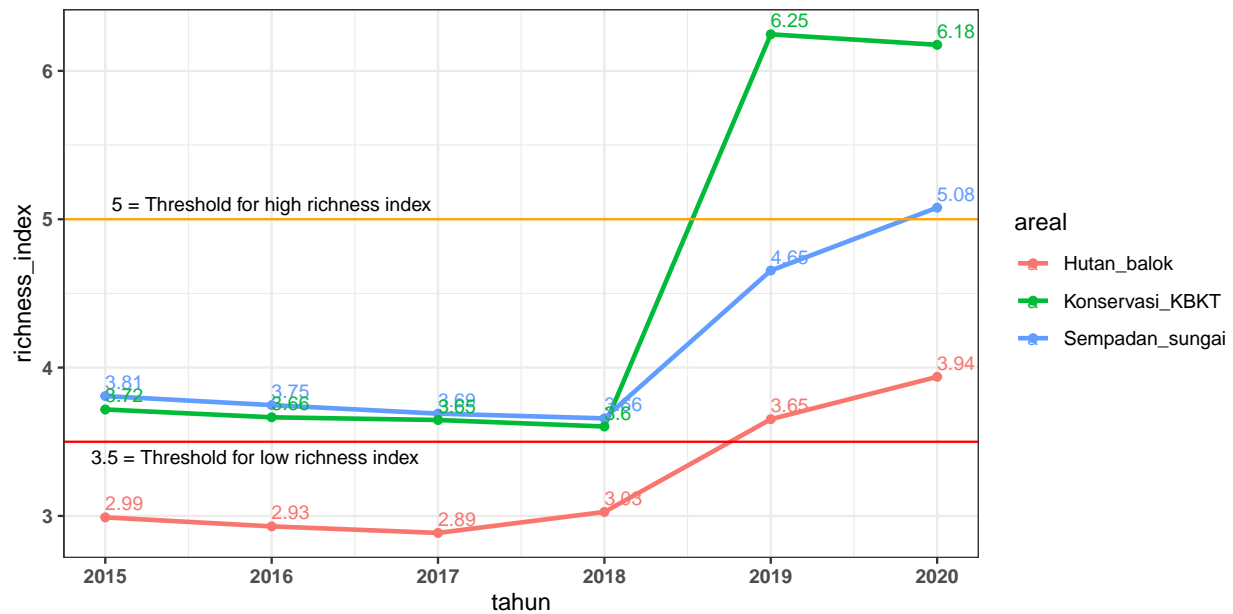
Table 1: Species Richness index 2015-2020

tahun	areal	richness_index
2015	Sempadan_sungai	3.807875
2015	Hutan_balok	2.990091
2015	Konservasi_KBKT	3.717489
2016	Sempadan_sungai	3.747046
2016	Hutan_balok	2.929407
2016	Konservasi_KBKT	3.664858
2017	Sempadan_sungai	3.689673
2017	Hutan_balok	2.885390
2017	Konservasi_KBKT	3.646529
2018	Sempadan_sungai	3.657604
2018	Hutan_balok	3.026740
2018	Konservasi_KBKT	3.602710
2019	Sempadan_sungai	4.654134
2019	Hutan_balok	3.651992
2019	Konservasi_KBKT	6.246512
2020	Sempadan_sungai	5.077977
2020	Hutan_balok	3.937537
2020	Konservasi_KBKT	6.175725

```
attach(data)
```

## Grafik Indeks Kekayaan PT SMM 2015 – 2020

Method: Margalef



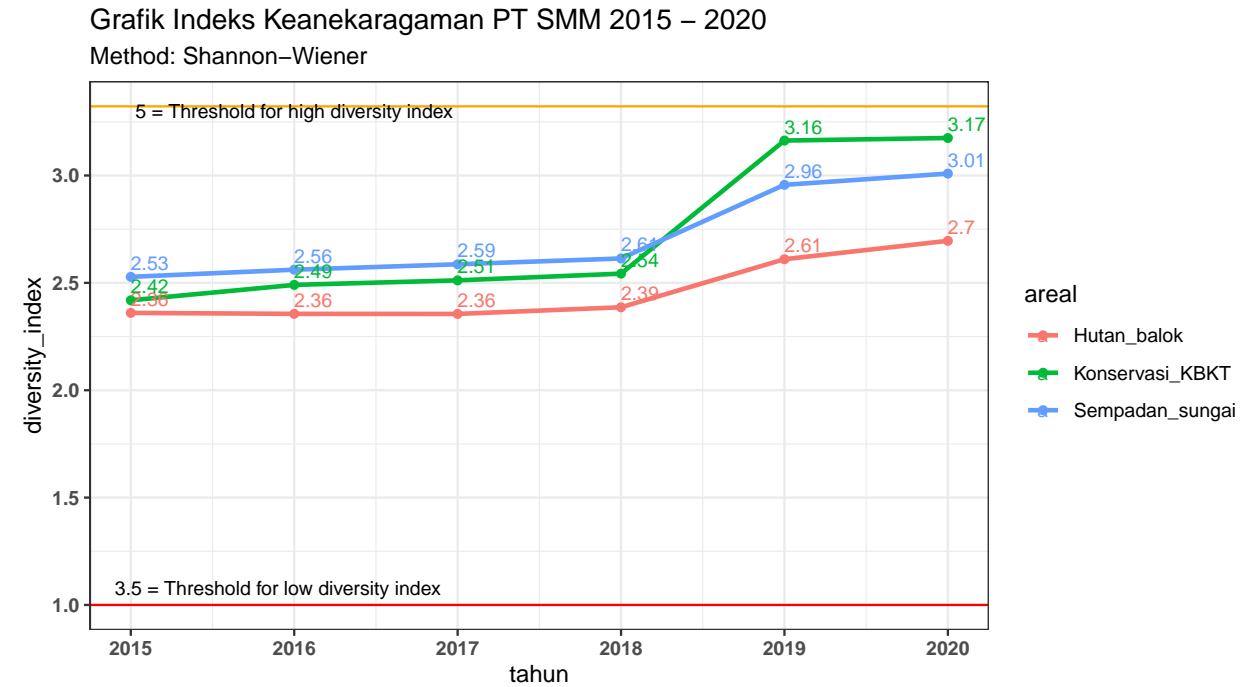
## B. Diversity Index PT SMM 2015-2020

```
data <- read.xlsx(
  "C:/Users/rbbutar/Documents/R/Konservasi_ANJ/indeks_kehati/SMM/indeks_kehati_SMM_edited.xlsx",
  sheet = "grafik_diversity")
kable(data, format = "pipe", caption = "Diversity Index PT SMM 2015-2020")
```

Table 2: Diversity Index PT SMM 2015-2020

tahun	areal	diversity_index
2015	Sempadan_sungai	2.527933
2015	Hutan_balok	2.360110
2015	Konservasi_KBKT	2.418851
2016	Sempadan_sungai	2.561298
2016	Hutan_balok	2.355787
2016	Konservasi_KBKT	2.490580
2017	Sempadan_sungai	2.586450
2017	Hutan_balok	2.355357
2017	Konservasi_KBKT	2.511629
2018	Sempadan_sungai	2.613574
2018	Hutan_balok	2.386350
2018	Konservasi_KBKT	2.542940
2019	Sempadan_sungai	2.956544
2019	Hutan_balok	2.610083
2019	Konservasi_KBKT	3.162655
2020	Sempadan_sungai	3.008852
2020	Hutan_balok	2.695760
2020	Konservasi_KBKT	3.174623

```
attach(data)
```



### C. Evenness Index PT SMM 2015-2020

```
data <- read.xlsx(
  "C:/Users/rbbutar/Documents/R/Konservasi_ANJ/indeks_kehati/SMM/indeks_kehati_SMM_edited.xlsx",
  sheet = "grafik_evenness")
kable(data, format = "pipe", caption = "Evenness Index PT SMM 2015-2020")
```

Table 3: Evenness Index PT SMM 2015-2020

tahun	areal	evenness_index
2015	Sempadan_sungai	0.8303217
2015	Hutan_balok	0.8715162
2015	Konservasi_KBKT	0.7825358
2016	Sempadan_sungai	0.8412809
2016	Hutan_balok	0.8699199
2016	Konservasi_KBKT	0.8057411
2017	Sempadan_sungai	0.8495422
2017	Hutan_balok	0.8697611
2017	Konservasi_KBKT	0.8125509
2018	Sempadan_sungai	0.8584512
2018	Hutan_balok	0.8606937
2018	Konservasi_KBKT	0.8226804
2019	Sempadan_sungai	0.8780173
2019	Hutan_balok	0.8573045
2019	Konservasi_KBKT	0.8516476

tahun	areal	evenness_index
2020	Sempadan_sungai	0.8681713
2020	Hutan_balok	0.8597561
2020	Konservasi_KBKT	0.8548704

```
attach(data)
```

