**Anexo. Pruebas de bondad de ajuste Caracterización florística de arbóreas Proyecto hidroeléctrico Santo Domingo.**

**Ajustes diamétricos**

**Bosque fragmentado (Prueba de Bondad de Ajuste)**

416 values ranging from 10,0 to 53,2

Fitted Distributions

|  |
| --- |
| *Half Normal* |
| scale = 9,40813 |
| lower threshold = 10,0 |

**Goodness-of-Fit Tests for DAP\_Bfvs**

Kolmogorov-Smirnov Test

|  |  |
| --- | --- |
|  | *Half Normal* |
| DPLUS | 0,0651788 |
| DMINUS | 0,0172894 |
| DN | 0,0651788 |
| P-Value | 0,0583434 |

**Bosque de galería (Prueba de Bondad de Ajuste)**

297 values ranging from 10,0 to 93,3

Fitted Distributions

|  |
| --- |
| *Loglogistic* |
| median = 16,5482 |
| shape = 0,1966 |

**Goodness-of-Fit Tests for DAP\_Bg**

Kolmogorov-Smirnov Test

|  |  |
| --- | --- |
|  | *Loglogistic* |
| DPLUS | 0,0744189 |
| DMINUS | 0,071884 |
| DN | 0,0744189 |
| P-Value | 0,0745338 |

**Pastos enmalezados (Prueba de Bondad de Ajuste)**

29 values ranging from 10,2 to 105,0

Fitted Distributions

|  |
| --- |
| *Loglogistic* |
| median = 18,2482 |
| shape = 0,242773 |

**Goodness-of-Fit Tests for DAP\_Pe**

Kolmogorov-Smirnov Test

|  |  |
| --- | --- |
|  | *Loglogistic* |
| DPLUS | 0,111205 |
| DMINUS | 0,0834799 |
| DN | 0,111205 |
| P-Value | 0,865789 |

**Vegetación secundaria alta (Prueba de Bondad de Ajuste)**

147 values ranging from 10,2 to 38,2

Fitted Distributions

|  |
| --- |
| *Half Normal* |
| scale = 8,68199 |
| lower threshold = 10,2 |

**Goodness-of-Fit Tests for DAP\_Vsa**

Kolmogorov-Smirnov Test

|  |  |
| --- | --- |
|  | *Half Normal* |
| DPLUS | 0,0713689 |
| DMINUS | 0,0346942 |
| DN | 0,0713689 |
| P-Value | 0,449882 |

**Vegetación secundaria baja (Prueba de Bondad de Ajuste)**

29 values ranging from 10,3 to 27,7

Fitted Distributions

|  |
| --- |
| *Logistic* |
| mean = 16,7165 |
| standard deviation = 5,47046 |

**Goodness-of-Fit Tests for DAP\_Vsb**

Kolmogorov-Smirnov Test

|  |  |
| --- | --- |
|  | *Logistic* |
| DPLUS | 0,101469 |
| DMINUS | 0,106456 |
| DN | 0,106456 |
| P-Value | 0,897564 |

**Ajustes altimétricos**

**Bosque fragmentado (Prueba de Bondad de Ajuste)**

416 values ranging from 4,0 to 33,0

Fitted Distributions

|  |
| --- |
| *Largest Extreme Value* |
| mode = 10,1071 |
| scale = 2,82873 |

**Goodness-of-Fit Tests for Alt\_Bfvs**

Kolmogorov-Smirnov Test

|  |  |
| --- | --- |
|  | *Largest Extreme Value* |
| DPLUS | 0,0882842 |
| DMINUS | 0,0871279 |
| DN | 0,0882842 |
| P-Value | 0,00305328 |

**Bosque de galería (Prueba de Bondad de Ajuste)**

297 values ranging from 4,0 to 29,0

Fitted Distributions

|  |
| --- |
| *Gamma* |
| shape = 10,5393 |
| scale = 0,787169 |

**Goodness-of-Fit Tests for Alt\_Bg**

Kolmogorov-Smirnov Test

|  |  |
| --- | --- |
|  | *Gamma* |
| DPLUS | 0,0685405 |
| DMINUS | 0,0856529 |
| DN | 0,0856529 |
| P-Value | 0,0256122 |

**Pastos enmalezados (Prueba de Bondad de Ajuste)**

29 values ranging from 6,0 to 15,0

Fitted Distributions

|  |
| --- |
| *Normal* |
| mean = 11,1207 |
| standard deviation = 2,65133 |

**Goodness-of-Fit Tests for Alt\_Pe**

Kolmogorov-Smirnov Test

|  |  |
| --- | --- |
|  | *Normal* |
| DPLUS | 0,112017 |
| DMINUS | 0,112683 |
| DN | 0,112683 |
| P-Value | 0,855129 |

**Vegetación secundaria alta (Prueba de Bondad de Ajuste)**

147 values ranging from 5,0 to 18,0

Fitted Distributions

|  |
| --- |
| *Logistic* |
| mean = 10,139 |
| standard deviation = 2,23199 |

**Goodness-of-Fit Tests for Alt\_Vsa**

Kolmogorov-Smirnov Test

|  |  |
| --- | --- |
|  | *Logistic* |
| DPLUS | 0,174459 |
| DMINUS | 0,165677 |
| DN | 0,174459 |
| P-Value | 0,000259949 |

**Vegetación secundaria baja (Prueba de Bondad de Ajuste)**

29 values ranging from 3,0 to 15,0

Fitted Distributions

|  |
| --- |
| *Normal* |
| mean = 9,10345 |
| standard deviation = 3,28791 |

**Goodness-of-Fit Tests for Alt\_Vsb**

Kolmogorov-Smirnov Test

|  |  |
| --- | --- |
|  | *Normal* |
| DPLUS | 0,0987597 |
| DMINUS | 0,0927193 |
| DN | 0,0987597 |
| P-Value | 0,939874 |