

ANEXO A9
– ESTATÍSTICA FÉMUR –

Tabela A9.1
Estatística descritiva do fémur: medidas de tendência central e de dispersão

| | N | Mean | Median | Mode | Minimum | Maximum | Std. Deviation | Variance |
|--------|----|--------|--------|--------|---------|---------|----------------|----------|
| F3E | 1 | 78,36 | 78,36 | 78,36 | 78,36 | 78,36 | | |
| F3D | 1 | 70,81 | 70,81 | 70,81 | 70,81 | 70,81 | | |
| F4E | 3 | 58,69 | 57,81 | 56,50 | 56,50 | 61,77 | 2,74 | 7,53 |
| F4D | 1 | 53,40 | 53,40 | 53,40 | 53,40 | 53,40 | | |
| F6E | 8 | 31,24 | 30,16 | 27,94 | 27,94 | 35,71 | 2,91 | 8,46 |
| F6D | 7 | 31,63 | 32,54 | 32,54 | 26,60 | 35,73 | 3,10 | 9,61 |
| F8E | 2 | 22,08 | 22,08 | 19,35 | 19,35 | 24,80 | 3,85 | 14,85 |
| F8D | 2 | 21,35 | 21,35 | 20,99 | 20,99 | 21,70 | 0,50 | 0,25 |
| F9E | 8 | 31,31 | 31,12 | 27,33 | 27,33 | 36,24 | 3,12 | 9,76 |
| F9D | 6 | 29,19 | 28,82 | 26,77 | 26,77 | 33,00 | 2,09 | 4,38 |
| F11E | 8 | 30,91 | 30,62 | 28,55 | 28,55 | 34,28 | 2,10 | 4,40 |
| F11D | 7 | 28,77 | 28,07 | 25,93 | 25,93 | 32,07 | 2,22 | 4,91 |
| FCME | 2 | 438,00 | 438,00 | 437,50 | 437,50 | 438,50 | 0,71 | 0,50 |
| FCMD | 4 | 390,25 | 389,00 | 380,00 | 380,00 | 403,00 | 9,81 | 96,25 |
| FCFE | 1 | 437,00 | 437,00 | 437,00 | 437,00 | 437,00 | | |
| FCFD | 4 | 386,88 | 384,50 | 377,50 | 377,50 | 401,00 | 10,63 | 113,06 |
| FDVCE | 3 | 41,39 | 41,16 | 39,42 | 39,42 | 43,58 | 2,09 | 4,36 |
| FDVCD | 3 | 38,77 | 38,82 | 38,62 | 38,62 | 38,88 | 0,14 | 0,02 |
| FDTCE | 4 | 40,32 | 39,83 | 38,00 | 38,00 | 43,62 | 2,46 | 6,04 |
| FDTCD | 3 | 38,31 | 38,52 | 37,22 | 37,22 | 39,20 | 1,01 | 1,01 |
| FDSSTE | 22 | 23,46 | 22,86 | 21,62 | 19,57 | 27,40 | 2,21 | 4,87 |
| FDSSTD | 19 | 21,72 | 20,66 | 23,06 | 18,83 | 26,54 | 2,28 | 5,20 |
| FDTSTE | 24 | 30,78 | 30,06 | 29,51 | 24,83 | 37,88 | 3,34 | 11,15 |
| FDTSTD | 18 | 29,77 | 29,14 | 29,14 | 25,08 | 35,56 | 3,03 | 9,21 |
| FPME | 14 | 84,11 | 84,55 | 71,20 | 71,2 | 96,7 | 7,89 | 62,25 |
| FPMD | 17 | 79,83 | 79,24 | 70,46 | 70,46 | 99,00 | 7,61 | 57,93 |
| FDSME | 14 | 28,38 | 27,98 | 22,12 | 22,12 | 34,00 | 2,97 | 8,80 |
| FDSMD | 16 | 26,51 | 25,83 | 24,64 | 23,00 | 32,40 | 2,56 | 6,55 |
| FDTME | 14 | 25,35 | 24,41 | 21,88 | 21,88 | 29,66 | 2,55 | 6,49 |
| FDTMD | 16 | 25,46 | 24,49 | 23,00 | 20,46 | 33,48 | 3,40 | 11,56 |
| FLBE | 2 | 80,74 | 80,74 | 79,64 | 79,64 | 81,84 | 1,56 | 2,42 |
| FLBD | 2 | 72,49 | 72,49 | 70,90 | 70,90 | 74,08 | 2,25 | 5,06 |

Tabela A9.2
 Teste à normalidade

| | Shapiro-Wilk | | |
|--------|--------------|----|------|
| | Statistic | df | Sig. |
| F6E | ,867 | 3 | ,288 |
| F6D | ,959 | 3 | ,611 |
| F9E | ,979 | 3 | ,723 |
| F9D | ,864 | 3 | ,279 |
| F11E | ,992 | 3 | ,824 |
| F11D | ,816 | 3 | ,154 |
| FDVCE | ,991 | 3 | ,820 |
| FDVCD | ,912 | 3 | ,424 |
| FDTCE | ,974 | 3 | ,692 |
| FDTCD | ,968 | 3 | ,658 |
| FDSSTE | ,770 | 3 | ,044 |
| FDSSTD | ,806 | 3 | ,129 |
| FDTSTE | ,813 | 3 | ,147 |
| FDTSTD | ,995 | 3 | ,859 |
| FPME | ,997 | 3 | ,891 |
| FPMD | ,922 | 3 | ,460 |
| FDSME | ,854 | 3 | ,251 |
| FDSMD | ,800 | 3 | ,114 |
| FDTME | ,988 | 3 | ,791 |
| FDTMD | ,970 | 3 | ,666 |

Tabela A9.3
Parâmetros e características da curva normal

| | N | Mean | Median | Mode | Minimum | Maximum | Std. | | | |
|--------|----|-------|--------|--------------------|---------|---------|-----------|----------|----------|----------|
| | | | | | | | Deviation | Variance | Skewness | Kurtosis |
| F6E | 8 | 31,24 | 30,16 | 27,94 ^a | 27,94 | 35,71 | 2,91 | 8,46 | 0,91 | -0,61 |
| F6D | 7 | 31,63 | 32,54 | 32,54 | 26,60 | 35,73 | 3,10 | 9,61 | -0,70 | -0,10 |
| F9E | 8 | 31,31 | 31,12 | 27,33 ^a | 27,33 | 36,24 | 3,12 | 9,76 | 0,36 | -0,82 |
| F9D | 6 | 29,19 | 28,82 | 26,77 ^a | 26,77 | 33,00 | 2,09 | 4,38 | 1,31 | 2,76 |
| F11E | 8 | 30,91 | 30,62 | 28,55 ^a | 28,55 | 34,28 | 2,10 | 4,40 | 0,75 | -0,53 |
| F11D | 7 | 28,77 | 28,07 | 25,93 ^a | 25,93 | 32,07 | 2,22 | 4,91 | 0,65 | -0,68 |
| FDVCE | 3 | 41,39 | 41,16 | 39,42 ^a | 39,42 | 43,58 | 2,09 | 4,36 | 0,48 | |
| FDVCD | 3 | 38,77 | 38,82 | 38,62 ^a | 38,62 | 38,88 | 0,14 | 0,02 | -1,36 | |
| FDTCE | 4 | 40,32 | 39,83 | 38,00 ^a | 38,00 | 43,62 | 2,46 | 6,04 | 0,95 | 0,25 |
| FDTCD | 3 | 38,31 | 38,52 | 37,22 ^a | 37,22 | 39,20 | 1,01 | 1,01 | -0,89 | |
| FDTSTE | 24 | 30,78 | 30,06 | 29,51 | 24,83 | 37,88 | 3,34 | 11,15 | 0,38 | 0,00 |
| FDTSTD | 18 | 29,77 | 29,14 | 29,14 | 25,08 | 35,56 | 3,03 | 9,21 | 0,64 | -0,45 |
| FPME | 14 | 84,11 | 84,55 | 71,2 ^a | 71,2 | 96,7 | 7,89 | 62,25 | 0,06 | -1,07 |
| FPMD | 17 | 79,83 | 79,24 | 70,46 ^a | 70,46 | 99,00 | 7,61 | 57,93 | 1,08 | 1,23 |
| FDSME | 14 | 28,38 | 27,98 | 22,12 ^a | 22,12 | 34,00 | 2,97 | 8,80 | 0,05 | 0,91 |
| FDSMD | 16 | 26,51 | 25,83 | 24,64 | 23,00 | 32,40 | 2,56 | 6,55 | 0,90 | 0,40 |
| FDTME | 14 | 25,35 | 24,41 | 21,88 ^a | 21,88 | 29,66 | 2,55 | 6,49 | 0,67 | -1,03 |
| FDTMD | 16 | 25,46 | 24,49 | 23,00 ^a | 20,46 | 33,48 | 3,40 | 11,56 | 1,07 | 0,85 |

^a. Multiple modes exist. The smallest value is shown

Tabela A9.4
Teste t de Student entre lateralidades

| | 95% Confidence Interval of the Difference | | | | | | | |
|-----------------|--|-----------|------------|--------|--------|--------|----|--------------------|
| | Mean | Std. | Std. Error | Lower | Upper | t | df | Sig. (2-tailed) |
| | | Deviation | Mean | | | | | |
| F6E - F6D | 0,09 | 3,71 | 1,40 | -3,349 | 3,520 | 0,061 | 6 | ,953 |
| F9E - F9D | 2,53 | 4,50 | 1,84 | -2,192 | 7,245 | 1,377 | 5 | ,227 |
| F11E - F11D | 2,45 | 2,14 | 0,81 | 0,467 | 4,430 | 3,024 | 6 | ,023 |
| FDVCE - FDVCD | 2,61 | 2,05 | 1,18 | -2,482 | 7,708 | 2,207 | 2 | ,158 |
| FDTCE - FDTCD | 2,78 | 2,05 | 1,18 | -2,316 | 7,876 | 2,347 | 2 | ,143 |
| FDTSTE - FDTSTD | 0,85 | 4,88 | 1,15 | -1,581 | 3,274 | 0,736 | 17 | ,472 |
| FPME - FPMD | 3,40 | 12,38 | 3,31 | -3,744 | 10,553 | 1,029 | 13 | ,322 |
| FDSME - FDSMD | 1,87 | 5,08 | 1,36 | -1,063 | 4,797 | 1,377 | 13 | ,192 |
| FDTME - FDTMD | -0,29 | 4,50 | 1,20 | -2,882 | 2,311 | -0,238 | 13 | ,816 |

Tabela A9.5
 Teste à normalidade das amostras agrupadas

| | N | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|--------|----|---------------------------------|----|-------|--------------|----|------|
| | | Statistic | df | Sig. | Statistic | df | Sig. |
| F6 | 15 | | | | ,836 | 6 | ,120 |
| F9 | 14 | | | | ,928 | 6 | ,565 |
| FDVC | 6 | | | | ,797 | 6 | ,056 |
| FDTC | 7 | | | | ,915 | 6 | ,468 |
| FDTSBT | 42 | ,221 | 6 | ,200* | ,883 | 6 | ,285 |
| FPM | 31 | ,196 | 6 | ,200* | ,906 | 6 | ,412 |
| FDSM | 30 | ,184 | 6 | ,200* | ,978 | 6 | ,940 |
| FDTM | 30 | ,261 | 6 | ,200* | ,825 | 6 | ,097 |

^a. Lilliefors Significance Correction

* This is a lower bound of the true significance.

Tabela A9.6
 Parâmetros e características da curva normal das amostras agrupadas

| | N | Mean | Median | Mode | Std. Deviation | Variance | Skewness | Kurtosis | Minimum | Maximum |
|--------|----|-------|--------|--------------------|-------------------|----------|----------|----------|---------|---------|
| F6 | 15 | 31,42 | 31,61 | 32,54 | 2,90 | 8,39 | ,107 | -,939 | 26,60 | 35,73 |
| F9 | 14 | 30,40 | 29,63 | 26,77 ^a | 2,85 | 8,13 | ,771 | -,238 | 26,77 | 36,24 |
| FDVC | 6 | 40,08 | 39,15 | 38,62 ^a | 1,95 | 3,80 | 1,497 | 1,533 | 38,62 | 43,58 |
| FDTC | 7 | 39,46 | 39,00 | 37,22 ^a | 2,12 | 4,51 | 1,423 | 2,221 | 37,22 | 43,62 |
| FDTSBT | 42 | 30,35 | 29,76 | 29,14 ^a | 3,21 | 10,33 | ,485 | -,251 | 24,83 | 37,88 |
| FPM | 31 | 81,76 | 80,72 | 70,46 ^a | 7,91 | 62,55 | ,535 | -,547 | 70,46 | 99,00 |
| FDSM | 30 | 27,38 | 27,18 | 24,64 | 2,87 | 8,24 | ,471 | -,026 | 22,12 | 34,00 |
| FDTM | 30 | 25,41 | 24,41 | 23,00 ^a | 2,98 | 8,89 | ,954 | ,510 | 20,46 | 33,48 |

^a. Multiple modes exist. The smallest value is shown

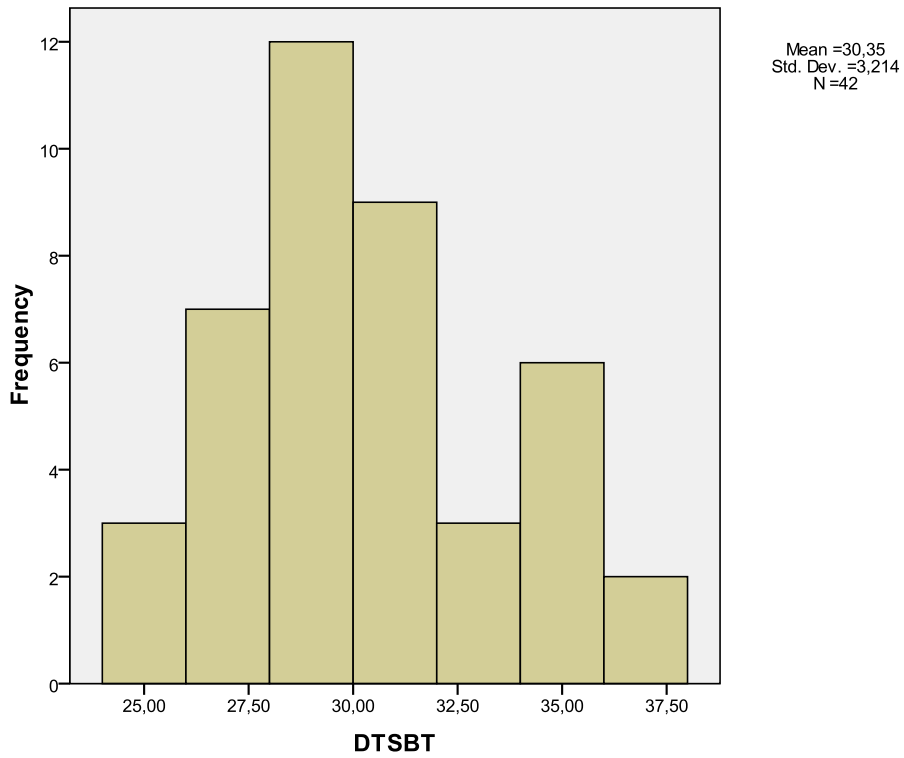


Figura A9.1 Histograma do diâmetro transversal subtrocanteriano (FDTSTBT) com as lateralidades agrupadas (N=42).

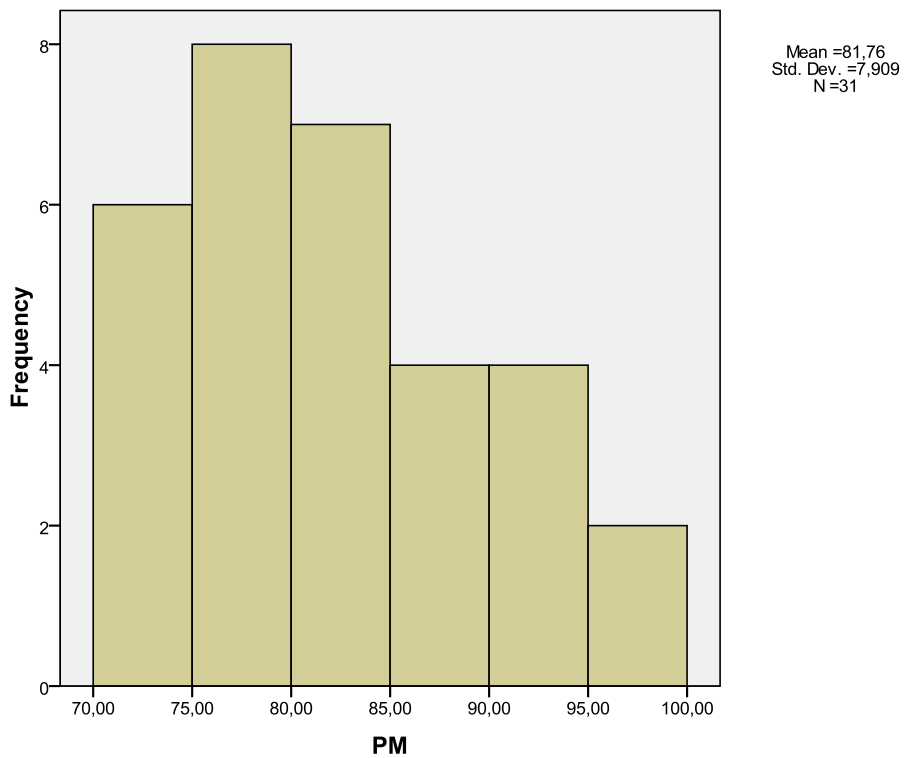


Figura A9.2 Histograma do perímetro mínimo (PM) com as lateralidades agrupadas (N=31).

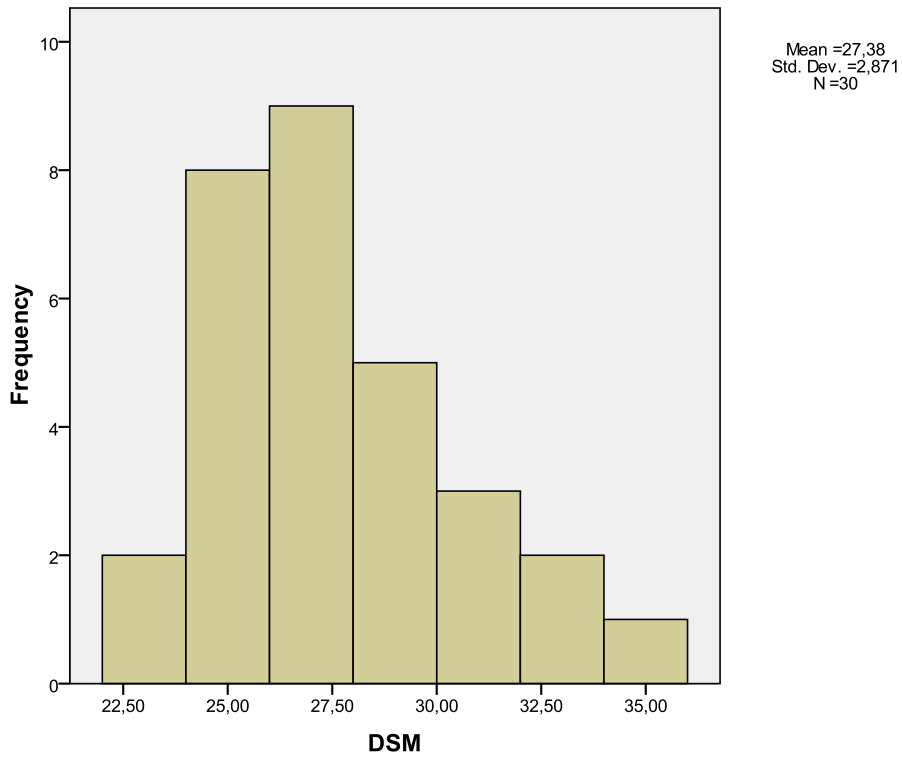


Figura A9.3 Histograma do diâmetro sagital ao meio (DSM) com as lateralidades agrupadas (N=30).

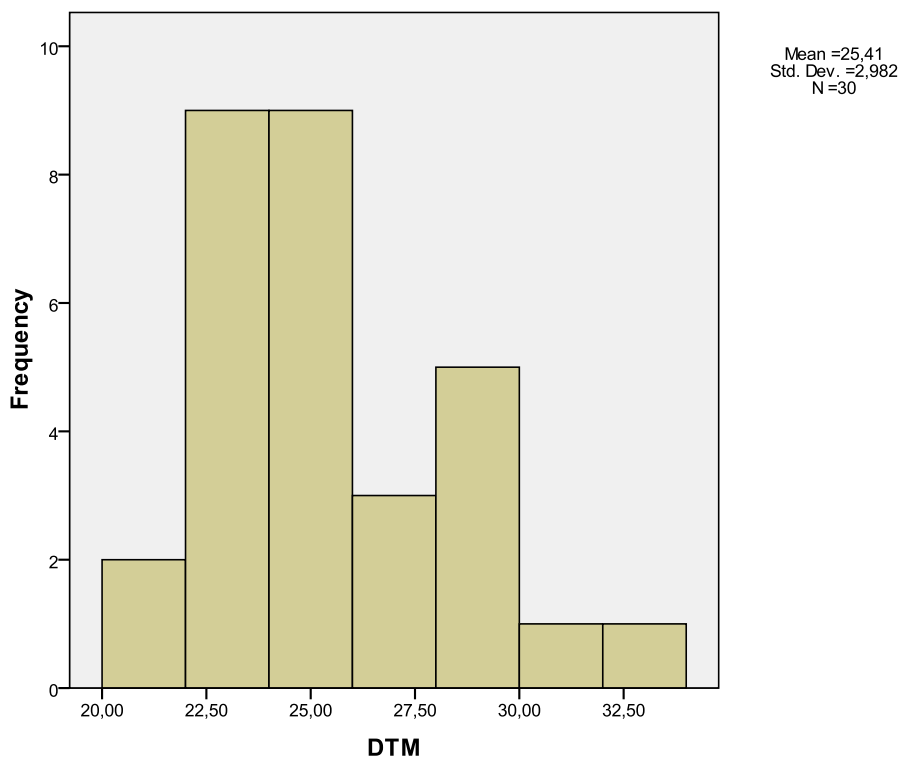


Figura A9.4 Histograma do diâmetro transversal ao meio (DTM) com as lateralidades agrupadas (N=30).