

► order values small to large

Hand span

21.0

21.2

21.4

21.5

22.0

22.0

22.2

22.2

22.5

22.8

22.8

22.9

23.1

23.5

23.5

23.6

24.1

24.2

24.5

- ▶ order values small to large
- ▶ assign equally spaced percentiles

Hand span	Percentile
21.0	0.05
21.2	0.10
21.4	0.15
21.5	0.20
22.0	0.25
22.0	0.30
22.2	0.35
22.2	0.40
22.5	0.45
22.8	0.50
22.8	0.55
22.9	0.60
23.1	0.65
23.5	0.70
23.5	0.75
23.6	0.80
24.1	0.85
24.2	0.90
24.5	0.95

- ▶ order values small to large
- ▶ assign equally spaced percentiles
- ▶ find z-score for each percentile

Hand span	Percentile	z-score
21.0	0.05	-1.64
21.2	0.10	-1.28
21.4	0.15	-1.04
21.5	0.20	-0.84
22.0	0.25	-0.67
22.0	0.30	-0.52
22.2	0.35	-0.39
22.2	0.40	-0.25
22.5	0.45	-0.13
22.8	0.50	0.00
22.8	0.55	0.13
22.9	0.60	0.25
23.1	0.65	0.39
23.5	0.70	0.52
23.5	0.75	0.67
23.6	0.80	0.84
24.1	0.85	1.04
24.2	0.90	1.28
24.5	0.95	1.64

- ▶ order values small to large
- ▶ assign equally spaced percentiles
- ▶ find z-score for each percentile
- ▶ plot value versus z-score

Hand span	Percentile	z-score
21.0	0.05	-1.64
21.2	0.10	-1.28
21.4	0.15	-1.04
21.5	0.20	-0.84
22.0	0.25	-0.67
22.0	0.30	-0.52
22.2	0.35	-0.39
22.2	0.40	-0.25
22.5	0.45	-0.13
22.8	0.50	0.00
22.8	0.55	0.13
22.9	0.60	0.25
23.1	0.65	0.39
23.5	0.70	0.52
23.5	0.75	0.67
23.6	0.80	0.84
24.1	0.85	1.04
24.2	0.90	1.28
24.5	0.95	1.64

