

**Proporción acumulada (cola izquierda) P de una puntuación Z normal**

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Z ↔ P	-2.58 0.00494	-2.14 0.01618	-1.70 0.04457	-1.26 0.10383	-0.82 0.20611	-0.38 0.35197	0.06 0.52392	0.50 0.69146	0.94 0.82639	1.38 0.91621	1.82 0.96562	2.26 0.98809	2.70 0.99653
-3.00 0.00135	-2.57 0.00508	-2.13 0.01659	-1.69 0.04551	-1.25 0.10565	-0.81 0.20897	-0.37 0.35569	0.07 0.52790	0.51 0.69497	0.95 0.82894	1.39 0.91774	1.83 0.96638	2.27 0.98840	2.71 0.99664
-2.99 0.00139	-2.56 0.00523	-2.12 0.01700	-1.68 0.04648	-1.24 0.10749	-0.80 0.21186	-0.36 0.35942	0.08 0.53188	0.52 0.69847	0.96 0.83147	1.40 0.91924	1.84 0.96712	2.28 0.98870	2.72 0.99674
-2.98 0.00144	-2.55 0.00539	-2.11 0.01743	-1.67 0.04746	-1.23 0.10935	-0.79 0.21476	-0.35 0.36317	0.09 0.53586	0.53 0.70194	0.97 0.83398	1.41 0.92073	1.85 0.96784	2.29 0.98899	2.73 0.99683
-2.97 0.00149	-2.54 0.00554	-2.10 0.01786	-1.66 0.04846	-1.22 0.11123	-0.78 0.21770	-0.34 0.36693	0.10 0.53983	0.54 0.70540	0.98 0.83646	1.42 0.92220	1.86 0.96856	2.30 0.98928	2.74 0.99693
-2.96 0.00154	-2.53 0.00570	-2.09 0.01831	-1.65 0.04947	-1.21 0.11314	-0.77 0.22065	-0.33 0.37070	0.11 0.54380	0.55 0.70884	0.99 0.83891	1.43 0.92364	1.87 0.96926	2.31 0.98956	2.75 0.99702
-2.95 0.00159	-2.52 0.00587	-2.08 0.01876	-1.64 0.05050	-1.20 0.11507	-0.76 0.22363	-0.32 0.37448	0.12 0.54776	0.56 0.71226	1.00 0.84134	1.44 0.92507	1.88 0.96995	2.32 0.98983	2.76 0.99711
-2.94 0.00164	-2.51 0.00604	-2.07 0.01923	-1.63 0.05155	-1.19 0.11702	-0.75 0.22663	-0.31 0.37828	0.13 0.55172	0.57 0.71566	1.01 0.84375	1.45 0.92647	1.89 0.97062	2.33 0.99010	2.77 0.99720
-2.93 0.00169	-2.50 0.00621	-2.06 0.01970	-1.62 0.05262	-1.18 0.11900	-0.74 0.22965	-0.30 0.38209	0.14 0.55567	0.58 0.71904	1.02 0.84614	1.46 0.92785	1.90 0.97128	2.34 0.99036	2.78 0.99728
-2.92 0.00175	-2.49 0.00639	-2.05 0.02018	-1.61 0.05370	-1.17 0.12100	-0.73 0.23270	-0.29 0.38591	0.15 0.55962	0.59 0.72240	1.03 0.84849	1.47 0.92922	1.91 0.97193	2.35 0.99061	2.79 0.99736
-2.91 0.00181	-2.48 0.00657	-2.04 0.02068	-1.60 0.05480	-1.16 0.12302	-0.72 0.23576	-0.28 0.38974	0.16 0.56356	0.60 0.72575	1.04 0.85083	1.48 0.93056	1.92 0.97257	2.36 0.99086	2.80 0.99744
-2.90 0.00187	-2.47 0.00676	-2.03 0.02118	-1.59 0.05592	-1.15 0.12507	-0.71 0.23885	-0.27 0.39358	0.17 0.56749	0.61 0.72907	1.05 0.85314	1.49 0.93189	1.93 0.97320	2.37 0.99111	2.81 0.99752
-2.89 0.00193	-2.46 0.00695	-2.02 0.02169	-1.58 0.05705	-1.14 0.12714	-0.70 0.24196	-0.26 0.39743	0.18 0.57142	0.62 0.73237	1.06 0.85543	1.50 0.93319	1.94 0.97381	2.38 0.99134	2.82 0.99760
-2.88 0.00199	-2.45 0.00714	-2.01 0.02222	-1.57 0.05821	-1.13 0.12924	-0.69 0.24510	-0.25 0.40129	0.19 0.57535	0.63 0.73565	1.07 0.85769	1.51 0.93448	1.95 0.97441	2.39 0.99158	2.83 0.99767
-2.87 0.00205	-2.44 0.00734	-2.00 0.02275	-1.56 0.05938	-1.12 0.13136	-0.68 0.24825	-0.24 0.40517	0.20 0.57926	0.64 0.73891	1.08 0.85993	1.52 0.93574	1.96 0.97500	2.40 0.99180	2.84 0.99774
-2.86 0.00212	-2.43 0.00755	-1.99 0.02330	-1.55 0.06057	-1.11 0.13350	-0.67 0.25143	-0.23 0.40905	0.21 0.58317	0.65 0.74215	1.09 0.86214	1.53 0.93699	1.97 0.97558	2.41 0.99202	2.85 0.99781
-2.85 0.00219	-2.42 0.00776	-1.98 0.02385	-1.54 0.06178	-1.10 0.13567	-0.66 0.25463	-0.22 0.41294	0.22 0.58706	0.66 0.74537	1.10 0.86433	1.54 0.93822	1.98 0.97615	2.42 0.99224	2.86 0.99788
-2.84 0.00226	-2.41 0.00798	-1.97 0.02442	-1.53 0.06301	-1.09 0.13786	-0.65 0.25785	-0.21 0.41683	0.23 0.59095	0.67 0.74857	1.11 0.86650	1.55 0.93943	1.99 0.97670	2.43 0.99245	2.87 0.99795
-2.83 0.00233	-2.40 0.00820	-1.96 0.02500	-1.52 0.06426	-1.08 0.14007	-0.64 0.26109	-0.20 0.42074	0.24 0.59483	0.68 0.75175	1.12 0.86864	1.56 0.94062	2.00 0.97725	2.44 0.99266	2.88 0.99801
-2.82 0.00240	-2.39 0.00842	-1.95 0.02559	-1.51 0.06552	-1.07 0.14231	-0.63 0.26435	-0.19 0.42465	0.25 0.59871	0.69 0.75490	1.13 0.87076	1.57 0.94179	2.01 0.97778	2.45 0.99286	2.89 0.99807
-2.81 0.00248	-2.38 0.00866	-1.94 0.02619	-1.50 0.06681	-1.06 0.14457	-0.62 0.26763	-0.18 0.42858	0.26 0.60257	0.70 0.75804	1.14 0.87286	1.58 0.94295	2.02 0.97831	2.46 0.99305	2.90 0.99813
-2.80 0.00256	-2.37 0.00889	-1.93 0.02680	-1.49 0.06811	-1.05 0.14686	-0.61 0.27093	-0.17 0.43251	0.27 0.60642	0.71 0.76115	1.15 0.87493	1.59 0.94408	2.03 0.97882	2.47 0.99324	2.91 0.99819
-2.79 0.00264	-2.36 0.00914	-1.92 0.02743	-1.48 0.06944	-1.04 0.14917	-0.60 0.27425	-0.16 0.43644	0.28 0.61026	0.72 0.76424	1.16 0.87698	1.60 0.94520	2.04 0.97932	2.48 0.99343	2.92 0.99825
-2.78 0.00272	-2.35 0.00939	-1.91 0.02807	-1.47 0.07078	-1.03 0.15151	-0.59 0.27760	-0.15 0.44038	0.29 0.61409	0.73 0.76730	1.17 0.87900	1.61 0.94630	2.05 0.97982	2.49 0.99361	2.93 0.99831
-2.77 0.00280	-2.34 0.00964	-1.90 0.02872	-1.46 0.07215	-1.02 0.15386	-0.58 0.28096	-0.14 0.44433	0.30 0.61791	0.74 0.77035	1.18 0.88100	1.62 0.94738	2.06 0.98030	2.50 0.99379	2.94 0.99836
-2.76 0.00289	-2.33 0.00990	-1.89 0.02938	-1.45 0.07353	-1.01 0.15625	-0.57 0.28434	-0.13 0.44828	0.31 0.62172	0.75 0.77337	1.19 0.88298	1.63 0.94845	2.07 0.98077	2.51 0.99396	2.95 0.99841
-2.75 0.00298	-2.32 0.01017	-1.88 0.03005	-1.44 0.07493	-1.00 0.15866	-0.56 0.28774	-0.12 0.45224	0.32 0.62552	0.76 0.77637	1.20 0.88493	1.64 0.94950	2.08 0.98124	2.52 0.99413	2.96 0.99846
-2.74 0.00307	-2.31 0.01044	-1.87 0.03074	-1.43 0.07636	-0.99 0.16109	-0.55 0.29116	-0.11 0.45620	0.33 0.62930	0.77 0.77935	1.21 0.88686	1.65 0.95053	2.09 0.98169	2.53 0.99430	2.97 0.99851
-2.73 0.00317	-2.30 0.01072	-1.86 0.03144	-1.42 0.07780	-0.98 0.16354	-0.54 0.29460	-0.10 0.46017	0.34 0.63307	0.78 0.78230	1.22 0.88877	1.66 0.95154	2.10 0.98214	2.54 0.99446	2.98 0.99856
-2.72 0.00326	-2.29 0.01101	-1.85 0.03216	-1.41 0.07927	-0.97 0.16602	-0.53 0.29806	-0.09 0.46414	0.35 0.63683	0.79 0.78524	1.23 0.89065	1.67 0.95254	2.11 0.98257	2.55 0.99461	2.99 0.99861
-2.71 0.00336	-2.28 0.01130	-1.84 0.03288	-1.40 0.08076	-0.96 0.16853	-0.52 0.30153	-0.08 0.46812	0.36 0.64058	0.80 0.78814	1.24 0.89251	1.68 0.95352	2.12 0.98300	2.56 0.99477	3.00 0.99865
-2.70 0.00347	-2.27 0.01160	-1.83 0.03362	-1.39 0.08226	-0.95 0.17106	-0.51 0.30503	-0.07 0.47210	0.37 0.64431	0.81 0.79103	1.25 0.89435	1.69 0.95449	2.13 0.98341	2.57 0.99492	
-2.69 0.00357	-2.26 0.01191	-1.82 0.03438	-1.38 0.08379	-0.94 0.17361	-0.50 0.30854	-0.06 0.47608	0.38 0.64803	0.82 0.79389	1.26 0.89617	1.70 0.95543	2.14 0.98382	2.58 0.99506	
-2.68 0.00368	-2.25 0.01222	-1.81 0.03515	-1.37 0.08534	-0.93 0.17619	-0.49 0.31207	-0.05 0.48006	0.39 0.65173	0.83 0.79673	1.27 0.89796	1.71 0.95637	2.15 0.98422	2.59 0.99520	
-2.67 0.00379	-2.24 0.01255	-1.80 0.03593	-1.36 0.08691	-0.92 0.17879	-0.48 0.31561	-0.04 0.48405	0.40 0.65542	0.84 0.79955	1.28 0.89973	1.72 0.95728	2.16 0.98461	2.60 0.99534	
-2.66 0.00391	-2.23 0.01287	-1.79 0.03673	-1.35 0.08851	-0.91 0.18141	-0.47 0.31918	-0.03 0.48803	0.41 0.65910	0.85 0.80234	1.29 0.90147	1.73 0.95818	2.17 0.98500	2.61 0.99547	
-2.65 0.00402	-2.22 0.01321	-1.78 0.03754	-1.34 0.09012	-0.90 0.18406	-0.46 0.32276	-0.02 0.49202	0.42 0.66276	0.86 0.80511	1.30 0.90320	1.74 0.95907	2.18 0.98537	2.62 0.99560	
-2.64 0.00415	-2.21 0.01355	-1.77 0.03836	-1.33 0.09176	-0.89 0.18673	-0.45 0.32636	-0.01 0.49601	0.43 0.66640	0.87 0.80785	1.31 0.90490	1.75 0.95994	2.19 0.98574	2.63 0.99573	
-2.63 0.00427	-2.20 0.01390	-1.76 0.03920	-1.32 0.09342	-0.88 0.18943	-0.44 0.32997	0.00 0.50000	0.44 0.67003	0.88 0.81057	1.32 0.90658	1.76 0.96080	2.20 0.98610	2.64 0.99585	
-2.62 0.00440	-2.19 0.01426	-1.75 0.04006	-1.31 0.09510	-0.87 0.19215	-0.43 0.33360	0.01 0.50399	0.45 0.67364	0.89 0.81327	1.33 0.90824	1.77 0.96164	2.21 0.98645	2.65 0.99598	
-2.61 0.00453	-2.18 0.01463	-1.74 0.04093	-1.30 0.09680	-0.86 0.19489	-0.42 0.33724	0.02 0.50798	0.46 0.67724	0.90 0.81594	1.34 0.90988	1.78 0.96246	2.22 0.98679	2.66 0.99609	
-2.60 0.00466	-2.17 0.01500	-1.73 0.04182	-1.29 0.09853	-0.85 0.19766	-0.41 0.34090	0.03 0.51197	0.47 0.68082	0.91 0.81859	1.35 0.91149	1.79 0.96327	2.23 0.98713	2.67 0.99621	
-2.59 0.00480	-2.16 0.01539	-1.72 0.04272	-1.28 0.10027	-0.84 0.20045	-0.40 0.34458	0.04 0.51595	0.48 0.68439	0.92 0.82121	1.36 0.91309	1.80 0.96407	2.24 0.98745	2.68 0.99632	
-2.58 0.00486	-2.15 0.01578	-1.71 0.04363	-1.27 0.10204	-0.83 0.20327	-0.39 0.34827	0.05 0.51994	0.49 0.68793	0.93 0.82381	1.37 0.91466	1.81 0.96485	2.25 0.98778	2.69 0.99643	