

Correlation coefficient between measured and calculated traits of *Juniperus turbinata* from the three populations.

*significance at level p=0.05; **significance at level p=0.01.

	Recta number of cones (4 or 6)	Length of cone (mm)	Diameter of cone (mm) "average of 2 independent measures of angle of 90°"	Number of scales of cone	Number of leaves per 5mm section of ultimate lateral shoot	Thickness of the ultimate lateral shoot and leaves (mm)	Number of seeds	Length of seeds (mm)	Width of seeds(mm)	Length/Dia meter (of cone)	Length/width (of seed)	Cone diameter/number of seeds	Cone diameter/width of seeds	Thickness of shoot/number of leaves	Cone diameter/recta number of cone	Cone length/number of leaves	Cone number of scales/cone length
Recta number of cones (4 or 6)	1	-0.19**	-0.160**	0.22	0.20	-0.10**	0.18**	-0.24**	-0.13**	-0.04	-0.09**	-0.22**	0.007	-0.18**	-0.08**	-0.25**	0.03**
Length of cone (mm)	-0.19**	1	0.81**	0.22	-0.22**	0.27	-0.02	0.74**	0.35**	0.23	0.28	0.36	0.16**	0.30	0.05**	0.07**	-0.55
Diameter of cone (mm) "average of 2 independent measures of angle of 90°"	-0.16**	0.81**	1	0.22	-0.26**	0.29	-0.006	0.07**	0.38**	-0.32	0.28	0.41	0.32	0.35	0.05**	0.06**	-0.41**
Number of scales of cone	0.22	0.22	0.22	1	0.08*	0.07*	0.20**	0.09**	0.02	-0.01	0.06	-0.05	0.12**	0.001	-0.04	0.08*	0.06**
Number of leaves per 5mm section of ultimate lateral shoot	0.20	-0.22**	-0.26**	0.08*	1	-0.17**	0.04**	-0.35**	-0.16**	0.05	-0.16**	-0.44**	-0.02	-0.07**	-0.29**	-0.07**	0.22
Thickness of the ultimate lateral shoot and leaves (mm)	-0.10**	0.27	0.29	0.07*	-0.17**	1	-0.18**	0.30	0.15**	-0.02	0.13**	0.28	0.05	0.06**	0.21	0.28	-0.13**
Number of seeds	0.18**	-0.02	-0.006	0.20**	0.04**	-0.18**	1	-0.35**	-0.27**	-0.02	-0.03	-0.82**	0.28	-0.38**	-0.15**	-0.27**	0.17**
Length of seeds (mm)	-0.24**	0.74**	0.07**	0.09**	-0.35**	0.30	-0.35**	1	0.05**	0.01	0.38	0.06**	-0.06	0.40	0.54	0.07**	-0.46**
Width of seeds(mm)	-0.13**	0.35**	0.38**	0.02	-0.16**	0.15**	-0.27**	0.05**	1	0.03	-0.50**	0.36	-0.67**	0.19**	0.28	0.34	-0.26
Length/Diameter (of cone)	-0.04	0.23	-0.32	-0.01	0.05	-0.02	-0.02	0.01	0.03	1	0.001	-0.09**	-0.26**	-0.05	-0.11**	0.11**	-0.18**
Length/width (of seed)	-0.09**	0.28	0.28	0.06	-0.16**	0.13**	-0.03	0.38	-0.50**	0.001	1	0.17**	0.07**	0.18**	0.21	0.28	-0.14**
Cone diameter/number of seeds	-0.22**	0.36	0.41	-0.05	-0.44**	0.28	-0.82**	0.06**	0.36	-0.09**	0.17**	1	-0.08*	0.46	0.37	0.05**	-0.31**
Cone diameter/width of seeds	0.007	0.16**	0.32	0.12**	-0.02	0.05	0.28	-0.06	-0.67**	-0.26**	0.07**	-0.08*	1	0.04	0.13**	0.12**	-0.017
Thickness of shoot/number of leaves	-0.18**	0.30	0.35	0.001	-0.07**	0.06**	-0.38**	0.40	0.19**	-0.05	0.18**	0.46	0.04	1	0.31	0.06**	-0.21**
Cone diameter/recta number of cone	-0.08**	0.05**	0.05**	-0.04	-0.29**	0.21	-0.15**	0.54	0.28	-0.11**	0.21	0.37	0.13**	0.31	1	0.05**	-0.42**
Cone length/number of leaves	-0.25**	0.07**	0.06**	0.08*	-0.07**	0.28	-0.27**	0.07**	0.34	0.11**	0.28	0.05**	0.12**	0.06**	0.05**	1	-0.49**
Cone number of scales/cone length	0.03**	-0.55	-0.41**	0.06**	0.22	-0.13**	0.17**	-0.46**	-0.26	-0.18**	-0.14**	-0.31**	-0.01	-0.21**	-0.42**	-0.49**	1