

Pugh Method: Weighted five-way plan for design concept evaluation

Weight	Criteria	DATUM	Concepts		
			CP_1	CP_2	CP_3
2	c_1		+2	-1	0
1	c_2		-1	+2	-2
6	c_3		-2	0	0
4	c_4		0	-2	-1
3	c_5		-1	0	+2
5	c_6		0	-2	-1
9	c_7		+2	0	+1
10	c_8		+1	+1	+2
7	c_9		-2	-1	+1
8	c_{10}		-1	+1	0
Total Positive			32	19	42
Total Negative			38	27	11

Table 1: Pugh Method Example

Concept Chosen: CP_3